Yahoo Group Archive: V4Protocol

Yahoo Group summary: V4

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2018. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2010-11-06 through 2017-01-10

Source WARC: v4protocol.8E97cJq.warc.gz

Source item: https://archive.org/details/yahoo-groups-2018-09-10T02-36-15Z-35353b

Messages included in this PDF: 4000

Message records with no body available in the source archive: 9

Messages omitted as spam from this PDF: 2

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. V4 craving

Yahoo group: V4Protocol
Date: 2010-12-01 21:45:28 UTC
From: obrienaj
Topic: 1 Message: 1

Hi to everyone here. After seeing the success that Rick has enjoyed with SCAMP and Winmor, I am looking forward to testing V4.
Andy K3UK

2. New Mode V4

Yahoo group: V4Protocol
Date: 2010-12-01 23:45:26 UTC
From: Russell Blair
Topic: 2 Message: 2

Looking forward to seeing the new mode.

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457

3. Re: [V4Protocol] V4 craving

Yahoo group: V4Protocol
Date: 2010-12-02 01:33:03 UTC
From: Hoby McLaughlin
Topic: 1 Message: 3

GE Andy.. Well , I agree with you. Don't think Rick puts Scamp up as high as we do. The last couple upgrades were showing promise and it was well ahead of its time. Guess he has it to thank for the huge success of Winmor. Really curious to give V4 a hefty shot.
Best 73
Hoby KK8G/AFA5HF
----- Original Message -----
From: obrienaj
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 01, 2010 4:45 PM
Subject: [V4Protocol] V4 craving

Hi to everyone here. After seeing the success that Rick has enjoyed with SCAMP and Winmor, I am looking forward to testing V4.
Andy K3UK

4. Checking in

Yahoo group: V4Protocol
Date: 2010-12-02 16:02:33 UTC
From: aa777888athotmaildotcom
Topic: 4 Message: 4

k*b*l*0*0*q in the group

5. Re: Checking in

Yahoo group: V4Protocol
Date: 2010-12-02 16:20:16 UTC
From: la7um
Topic: 4 Message: 5

Also in the group. Exiting. la7um Finn

--- In V4Protocol@yahoogroups.com, "aa777888athotmaildotcom" <straurig@...> wrote:
>
> k*b*l*0*0*q in the group
>

6. Re: [V4Protocol] Checking in

Yahoo group: V4Protocol
Date: 2010-12-02 17:13:44 UTC
From: Rick Westerfield
Topic: 4 Message: 6

I guess this means I am approved to join. Looking forward to the new mode.

Rick KH2DF

Sent from my iPhone

On Dec 2, 2010, at 10:02 AM, "aa777888athotmaildotcom" <straurig@...> wrote:

> k*b*l*0*0*q in the group
>
>

7. V4 software

Yahoo group: V4Protocol
Date: 2010-12-02 21:35:17 UTC
From: k3gau
Topic: 7 Message: 7

GA All,

Now all we need is the software to play with! ;-)

Dave K3GAU

8. Re: [V4Protocol] V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-02 21:40:17 UTC
From: David Bastress
Topic: 7 Message: 8

GA,

Does anyone have any suggestions for frequencies to congregate around to test the V4 software when we get it??

Dave K3GAU

9. Re: [V4Protocol] V4 software

Yahoo group: V4Protocol
Date: 2010-12-02 22:18:17 UTC
From: Rick Muething
Topic: 7 Message: 9

Dave/All

I have been testing and working on Help. I plan to release the first ALPHA version tomorrow but with the ARQ mode deactivated as it still needs more tedious testing and work. FEC and Monitor modes seem to work pretty well at least on the HF simulator.

Once Vic gets back from his trip I'll have to spend some additional time on RMS Express/WINMOR so there won't be a lot of updates right away.

Also until we get the code and the install basically stable I won't enable the auto updates....that can cause more problems in the beginning. If I post an update it will be a full install requiring a uninstall reinstall (but all settings will be retained).

Rick KN6KB

From: k3gau
Sent: Thursday, December 02, 2010 4:35 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 software

GA All,

Now all we need is the software to play with! ;-)

Dave K3GAU

10. Re: V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-02 22:27:02 UTC
From: kn6kb
Topic: 7 Message: 10

Good Idea Dave,

I would suggest at least two on each of the popular HF bands. Since the BW is only 200 Hz we should be able to find a place. I would suggest at least 500 Hz separation for now perhaps more.

Also while V4 will work either USB or LSB I suggest we keep life simple and all work USB and use Dial frequencies. The actual center of the RF spectrum will be 1523 Hz above the USB dial. There is a simple mini Log feature that will allow you to easily enter/save/edit a dial freq and set the radio to that with one mouse click (if you are using radio control).

Rick KN6KB

--- In V4Protocol@yahoogroups.com, "David Bastress" <bastress@...> wrote:
>
> GA,
>
> Does anyone have any suggestions for frequencies to congregate around to test the V4 software when we get it??
>
> Dave K3GAU
>

11. Re: [V4Protocol] V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-02 23:03:37 UTC
From: charles standlee
Topic: 7 Message: 11

how about 7060 and 14060, these numbers were drawn out of the hat and I haven't checked to see if they are regularly busy (so don't flame on that one) and how about a site we can chat on also while were testing.
 73, Chuck AC5PW

From: David Bastress <bastress@...>
To: V4Protocol@yahoogroups.com
Sent: Thu, December 2, 2010 3:40:17 PM
Subject: Re: [V4Protocol] V4 software test frequencies

GA,

Does anyone have any suggestions for frequencies to congregate around to test the V4 software when we get it??

Dave K3GAU

12. Re: [V4Protocol] V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-02 23:26:25 UTC
From: John Sweeney
Topic: 7 Message: 12

The 14060 is the 20 meter QRP CW frequency and usually in use.

John N3WT

On 12/2/2010 6:03 PM, charles standlee wrote:
> how about 7060 and 14060, these numbers were drawn out of the hat and
> I haven't checked to see if they are regularly busy (so don't flame on
> that one) and how about a site we can chat on also while were testing.
> 73, Chuck AC5PW
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>
> ---
> *From:* David Bastress <bastress@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Thu, December 2, 2010 3:40:17 PM
> *Subject:* Re: [V4Protocol] V4 software test frequencies
>
> GA,
> Does anyone have any suggestions for frequencies to congregate around
> to test the V4 software when we get it??
> Dave K3GAU
>
>

13. Hang out frequencies

Yahoo group: V4Protocol
Date: 2010-12-02 23:46:19 UTC
From: bedford1955
Topic: 13 Message: 13

7060 and 14060 were suggested....
I know there are some morning nets on 7060 (Canadian Phone Net)
and 14060 is where the CW QRP crowd is.

Lori VE3VAI

14. V4 PPT, and CF Notation for use with older rigs LSB and USB

Yahoo group: V4Protocol
Date: 2010-12-02 23:55:22 UTC
From: la7um
Topic: 14 Message: 14

Rick, could you please put the PPT presentations in the files section here?. I have seen it somewhere earlier, but don't remember where.

Protocol spec looking very tempting and solid for an amateurs eye.
A lot of similarities from the strongest/slowest elements from WINMOR TNC implemented.
Even UTF-8 for the scandinaviens and other EU "umlauters".

This mode may "work its way through the mud like a nail and hammer". And Really narrow band 250hz CW filters may work I presume.

But now we maybe might be able to use older rigs as well with narrow filtering only centerfreq 2200hz? since LSB and USB is choosable.
Do we need to invert mark and space, or is it universal like P1 an P2?

Maybe CF notation would be usable for this mode. To keep Brains working?

Looking forward.
At the same time your RMS WINMOR up one grade to 1.0.17.0
I, and some others I know might really be a fan.

Hat's off.

I'm guessing we in EU have to find our own waterholes for testing, after the registration page on ARSFI is running.
73 de la7um Finn

15. Re: [V4Protocol] V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-02 23:56:56 UTC
From: charles standlee
Topic: 7 Message: 15

Now we're getting input, I think 7060 is QRP in Canada, (I just found out.) Well we used to use 7083 or 7077 but there are a couple of Winmor RMS stations there now.... What about 7073 or 7075?? I know the beacon's are on 14.100 so what about 14075?? that's above PSK folks at 14070 and below the RTTY folks. Almost forgot don't want to interfere with the Freq's Bonnie owns either for ALE.
 73, Chuck AC5PW

From: John Sweeney <n3wt@...>
To: V4Protocol@yahoogroups.com
Sent: Thu, December 2, 2010 5:26:25 PM
Subject: Re: [V4Protocol] V4 software test frequencies

The 14060 is the 20 meter QRP CW frequency and usually in use.

John N3WT

On 12/2/2010 6:03 PM, charles standlee wrote:

>how about 7060 and 14060, these numbers were drawn out of the hat and I haven't
>checked to see if they are regularly busy (so don't flame on that one) and how
>about a site we can chat on also while were testing.
> 73, Chuck AC5PW
>
>
>
>
>

From: David Bastress <bastress@...>
>To: V4Protocol@yahoogroups.com
>Sent: Thu, December 2, 2010 3:40:17 PM
>Subject: Re: [V4Protocol] V4 software test frequencies
>
>
>GA,
>
>Does anyone have any suggestions for frequencies to congregate around to test
>the V4 software when we get it??
>
>Dave K3GAU
>

16. RE: [V4Protocol] Hang out frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 00:15:57 UTC
From: Charles Blackburn
Topic: 13 Message: 16

Why can't we use something like 7090 and 14090 ? not much data going on up there over the past week at least on the odd times I've been on.

Charlie
Ai4ri

> -----Original Message-----
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of bedford1955
> Sent: Thursday, December 02, 2010 18:46
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Hang out frequencies
>
> 7060 and 14060 were suggested....
> I know there are some morning nets on 7060 (Canadian Phone Net)
> and 14060 is where the CW QRP crowd is.

17. RE: [V4Protocol] V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 00:17:31 UTC
From: Charles Blackburn
Topic: 7 Message: 17

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of charles standlee
Sent: Thursday, December 02, 2010 18:57
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 software test frequencies
<CUT>
Almost forgot don't want to interfere with the Freq's Bonnie owns either for ALE.
<CUT>

Already said my piece about what I suggested, but....

Owns???? How much she pay the fcc for that ? :))

I'm gunna go hide now hehehe

charlie

18. Re: [V4Protocol] V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 00:26:00 UTC
From: charles standlee
Topic: 7 Message: 18

I'm gonna duck to.
 73, Chuck AC5PW

From: Charles Blackburn <ai4ri@...>
To: V4Protocol@yahoogroups.com
Sent: Thu, December 2, 2010 6:17:31 PM
Subject: RE: [V4Protocol] V4 software test frequencies

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf
Of charles standlee
Sent: Thursday, December 02, 2010 18:57
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 software test frequencies
<CUT>
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ALE.
<CUT>

Already said my piece about what I suggested, but....

Owns???? How much she pay the fcc for that ? :))

I'm gunna go hide now hehehe

charlie

19. Re: [V4Protocol] Hang out frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 00:39:36 UTC
From: David Bastress
Topic: 13 Message: 19

How about an 80 meter frequency also?

To Rick,
Both your comments sound reasonable.

Dave K3GAU

>>> "bedford1955" 12/02/10 6:46 PM >>>
7060 and 14060 were suggested....
I know there are some morning nets on 7060 (Canadian Phone Net)
and 14060 is where the CW QRP crowd is.

Lori VE3VAI

20. RE: [V4Protocol] Hang out frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 01:26:00 UTC
From: Michael - VA3LKI
Topic: 13 Message: 20

Are you folks forgetting about the Pactor station frequencies as well?

It is going to be fun trying to shoehorn a spot for yet another mode - Pactor, Winmor, V4, plus ALL of the other digital modes in prime spectrum, AND the consideration of crossing international borders with different regulations / mode assignments.

To keep the hard won respect of existing WL2K operations, we might want to take a serious and detailed look at what may or may not be available. All the WL2K station operation is a matter of record. Adding the other 'favourite frequencies' to those lists shouldn't be too difficult.

After that - pick what is left for V4. It wasn't that long ago that the WDT was taking a lot of flac for the spectrum that Pactor was operating in. Then we added Winmor. Wonder what popularity contest V4 will win for WL2K.

Not kicking on anybody or anything, but lets do this intelligently, not just bounce numbers around.

73
Michael

21. RE: [V4Protocol] Hang out frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 03:03:22 UTC
From: David Bastress
Topic: 13 Message: 21

GE Michael,

I'm all for picking a frequency "intelligently". Anybody got a data base with all the "claimed" frequencies per mode in it? While you are at it, throw in the 'special interest' frequencies like for QRP and all the various nets. What's left?? NOT MUCH!! But, if we don't pick a "center of interest" frequency, we won't be able to find each other.

The difference between V4 and Pactor or Winmor is that both Pactor and Winmor require fixed frequencies for the RMS stations or otherwise they are pretty much useless. V4 does not require fixed frequencies any more than any other keyboard to keyboard mode does. Therefore V4 only needs some "center of interest" frequencies. That's just some place where stations wishing to make V4 contacts can look around to find other V4 stations rather than having to scan the entire band to look for another V4 station. VFOs will work wonderfully just like with any other KB to KB.

Somebody call it on this one.

Dave K3GAU

>>> "Michael - VA3LKI" 12/02/10 8:26 PM >>>
Are you folks forgetting about the Pactor station frequencies as well?

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Not kicking on anybody or anything, but lets do this intelligently, not just bounce numbers around.

73
Michael

22. Re: [V4Protocol] Re: V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 13:13:00 UTC
From: John Hirth
Topic: 7 Message: 22

For quite a few years new keyboard modes on 20m have been comfortable in the area above PSK-31 and below the old RTTY area. As long as we keep our dials between about 14.073 and 14.077 we should be OK.

If we stay near the traditional keyboard operating areas we're more likely to drum up some interest from the curious who monitor that area. Keyboarders are used to tuning around, so there may not be a need for us to specify fixed operating frequencies, just a small area to search or call CQ.

Sorry I can't really comment on the other bands, as 20 I where I spend most of my digital time.

73, John W2KI

23. Re: Hang out frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 13:56:39 UTC
From: va3lki
Topic: 13 Message: 23

Hi Dave

You emphasize my concerns very well.

John - W2KI has a reasonable suggestion with potential for growth in the V4 mode. I too don't know if it will apply to the other bands, but sticking in the same area as the other keyboard operations are, does make some sense. I suspect there may be a comfortable niche there, and the 'battles for spectrum' already fought, won, or lost.

If V4 is really just another keyboard method of doing the same thing in a little different way, then should it not still play in the keyboard sandbox? A bit like faster modes of PSK staying within the PSK area, or CW at 25, 35 and 50 wpm all playing nice together.

73
Michael

--- In V4Protocol@yahoogroups.com, "David Bastress" <bastress@...> wrote:
>
> GE Michael,
>
> I'm all for picking a frequency "intelligently". Anybody got a data base
> with all the "claimed" frequencies per mode in it? While you are at it,
> throw in the 'special interest' frequencies like for QRP and all the
> various nets. What's left?? NOT MUCH!! But, if we don't pick a "center
> of interest" frequency, we won't be able to find each other.
>
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> Winmor require fixed frequencies for the RMS stations or otherwise they
> are pretty much useless. V4 does not require fixed frequencies any more
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> some "center of interest" frequencies. That's just some place where
> stations wishing to make V4 contacts can look around to find other V4
> stations rather than having to scan the entire band to look for another
> V4 station. VFOs will work wonderfully just like with any other KB to
> KB.
>
> Somebody call it on this one.
>
> Dave K3GAU
>
>
> >>> "Michael - VA3LKI" 12/02/10 8:26 PM >>>
> Are you folks forgetting about the Pactor station frequencies as well?
>
> It is going to be fun trying to shoehorn a spot for yet another mode -
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> spectrum, AND the consideration of crossing international borders with
> different regulations / mode assignments.
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> To keep the hard won respect of existing WL2K operations, we might want
> to take a serious and detailed look at what may or may not be available.
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> 'favourite frequencies' to those lists shouldn't be too difficult.
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> After that - pick what is left for V4. It wasn't that long ago that the
> WDT was taking a lot of flac for the spectrum that Pactor was operating
> in. Then we added Winmor. Wonder what popularity contest V4 will win for
> WL2K.
>
> Not kicking on anybody or anything, but lets do this intelligently, not
> just bounce numbers around.
>
> 73
> Michael
>

24. RE: [V4Protocol] Re: V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 14:17:52 UTC
From: Kirk, K6KAR
Topic: 7 Message: 24

Keep in mind that JT-65 is operated at 14.076.

The V4 mode should fit nicely around 14.072 +-.5 I agree that "near the traditional keyboard operating areas" would work well.

73

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of John Hirth
Sent: Friday, December 03, 2010 7:13 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: V4 software test frequencies

For quite a few years new keyboard modes on 20m have been comfortable in the area above PSK-31 and below the old RTTY area. As long as we keep our dials between about 14.073 and 14.077 we should be OK.

If we stay near the traditional keyboard operating areas we're more likely to drum up some interest from the curious who monitor that area. Keyboarders are used to tuning around, so there may not be a need for us to specify fixed operating frequencies, just a small area to search or call CQ.

Sorry I can't really comment on the other bands, as 20 I where I spend most of my digital time.

73, John W2KI

25. [V4Protocol] Re: Hang out frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 14:24:02 UTC
From: David Bastress
Topic: 13 Message: 25

GM All,

I like John's suggestion. The 'north' ends (high frequency side) of the keyboard to keyboard areas of the bands sounds like a plan to me. The only question may be on 40 meters where there seems to be two KB to KB areas, one from 7035 and up and the other 7070 and up.

Dave K3GAU

26. Re: Hang out frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 14:47:06 UTC
From: Jeff - WA4ZKO
Topic: 13 Message: 26

Unless someone wants to put together a website where WINMOR K2K ops can hook up, pick a time, pick a freq, etc etc....some general hangout spots on the dial are a good idea.

I suggest staying fairly close to the usual 80m/40m WINMOR hotspots of 3.573/7.077 USB (dial). Whether or not those choices were the best could be debated till the cows go home, but momentum is what it is.

Doubt there is a perfect solution, especially on our very crowded (at best) lower bands. Bottom line is we have lots of digital modes trying to share some small chunks of HF spectrum.

Also consider a 30m hangout spot. Nice thing about 30 is it doesn't turn into a total QRM zoo during digital/cw contests.

73
Jeff
WA4ZKO
"Packet Radio never died, it just evolved."
Packet: WA4ZKO@WA4ZKO.#NKY.KY.USA.NOAM
http://twitter.com/wa4zko
http://groups.yahoo.com/group/BBS_Users/ BBS Users Group.
http://groups.yahoo.com/group/BBS_Sysop/ BBS Sysops Group.
http://groups.yahoo.com/group/hspacket/ High Speed Packet Group.

--- In V4Protocol@yahoogroups.com, "David Bastress" <bastress@...> wrote:
>
> GM All,
>
> I like John's suggestion. The 'north' ends (high frequency side) of the keyboard to keyboard areas of the bands sounds like a plan to me. The only question may be on 40 meters where there seems to be two KB to KB areas, one from 7035 and up and the other 7070 and up.
>
> Dave K3GAU
>

27. Re: [V4Protocol] Re: V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 15:00:31 UTC
From: Andy obrien
Topic: 7 Message: 27

May I suggest that you consider use of the "sked" page to coordinate a frequency and chat while attempting you first few V4 QSOs. This worked well when Winmor was first born.

http://www.obrienweb.com/sked click on the digitalradio tab.

Andy K3UK

On Fri, Dec 3, 2010 at 9:17 AM, Kirk, K6KAR <kirk.harding@...> wrote:

>
>
> Keep in mind that JT-65 is operated at 14.076.
>
> The V4 mode should fit nicely around 14.072 +-.5 I agree that “near the
> traditional keyboard operating areas” would work well.
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> *Sent:* Friday, December 03, 2010 7:13 AM
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> Keyboarders are used to tuning around, so there may not be a need for us
> to specify fixed operating frequencies, just a small area to search or
> call CQ.

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> Sorry I can't really comment on the other bands, as 20 I where I spend
> most of my digital time.
>
> 73, John W2KI
>
>
>

28. Re: [V4Protocol] Re: V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 15:01:14 UTC
From: Andy obrien
Topic: 7 Message: 28

oops, a typo in the URL, should be
http://www.obriensweb.com/sked<http://www.obrienweb.com/sked>

On Fri, Dec 3, 2010 at 10:00 AM, Andy obrien <k3ukandy@...> wrote:

> May I suggest that you consider use of the "sked" page to coordinate a
> frequency and chat while attempting you first few V4 QSOs. This worked well
> when Winmor was first born.
>
>
> http://www.obrienweb.com/sked click on the digitalradio tab.
>
> Andy K3UK
>
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>>
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>> 73
>>
>>
>>
>> Kirk, K6KAR
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>>
>>
>> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
>> Behalf Of *John Hirth
>> *Sent:* Friday, December 03, 2010 7:13 AM
>> *To:* V4Protocol@yahoogroups.com
>> *Subject:* Re: [V4Protocol] Re: V4 software test frequencies
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>> most of my digital time.
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>> 73, John W2KI
>>
>>
>>
>
>

29. RE: [V4Protocol] Re: V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 15:30:55 UTC
From: Charles Blackburn
Topic: 7 Message: 29

url doesn't work..

id be happy to host one if someone wants to

Charlie
Ai4ri

30. Re: V4 software test frequencies - K3UK sked pages

Yahoo group: V4Protocol
Date: 2010-12-03 17:13:17 UTC
From: marc_pd4u
Topic: 7 Message: 30

How about skeds via K3UK's sked page, that worked very good during winmor beta-test:
http://www.obriensweb.com/sked/

Marc, PD4U

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> Good Idea Dave,
>
> I would suggest at least two on each of the popular HF bands. Since the BW is only 200 Hz we should be able to find a place. I would suggest at least 500 Hz separation for now perhaps more.
>
> Also while V4 will work either USB or LSB I suggest we keep life simple and all work USB and use Dial frequencies. The actual center of the RF spectrum will be 1523 Hz above the USB dial. There is a simple mini Log feature that will allow you to easily enter/save/edit a dial freq and set the radio to that with one mouse click (if you are using radio control).
>
> Rick KN6KB
>
> --- In V4Protocol@yahoogroups.com, "David Bastress" <bastress@> wrote:
> >
> > GA,
> >
> > Does anyone have any suggestions for frequencies to congregate around to test the V4 software when we get it??
> >
> > Dave K3GAU
> >
>

31. Re: Hang out frequencies - 4 what?

Yahoo group: V4Protocol
Date: 2010-12-03 17:40:02 UTC
From: marc_pd4u
Topic: 13 Message: 31

--- In V4Protocol@yahoogroups.com, "va3lki" <va3lki@...> wrote:
><..> but sticking in the same area as the other keyboard operations are, does make some sense. I suspect there may be a comfortable niche there, and the 'battles for spectrum' already fought, won, or lost.
>
> If V4 is really just another keyboard method of doing the same thing in a little different way, then should it not still play in the keyboard sandbox? A bit like faster modes of PSK staying within the PSK area, or CW at 25, 35 and 50 wpm all playing nice together.
>

I fully agree if V4 is merely intended for K2K (keyboard to keyboard) use. Then a center of activity and eventual skeds via http://www.obriensweb.com/sked/ or any other suggested sked page is sufficient it seems to me.

But it begs the question is V4 merely intended for K2K use, since it originates from the WL2K team? Or is it (also) going to fit in the Wl2K set of programs in the future (that is my primary focus of interest)? In other words: Is the K2K alpha test a preliminary for the ARQ V4 Mode?

Marc, PD4U

32. Re: [V4Protocol] V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 18:01:45 UTC
From: Steinar Aanesland
Topic: 7 Message: 32

Hi Dave

What about using 14.101, 14.103, 14.113, 14.115 and take back the ROS freq?

By the way, take a look at this page:
http://www.bandplans.com/index.php?band=All
It is not much playground left..

73 de LA5VNA Steinar

On 02.12.2010 22:40, David Bastress wrote:
> GA,
>
> Does anyone have any suggestions for frequencies to congregate around
to test the V4 software when we get it??
>
> Dave K3GAU
>

33. Re: [V4Protocol] Re: Hang out frequencies - 4 what?

Yahoo group: V4Protocol
Date: 2010-12-03 19:09:06 UTC
From: Rick Muething
Topic: 13 Message: 33

Marc,

There is no point speculating on these things....It should be fairly obvious from the performance figures and the V4 and V4Chat paper that V4 is intended strictly as a keyboard mode. It is limited to text, doesn't use compression and is slower and less adaptive (but more robust and narrower) than WINMOR ....all by design. It is designed to do keyboard to keyboard at normal typing speeds with fairly good "slickness" (RX to TX turn over) and be more robust than modes like PSK (especially in poor multipath). It is the result of many requests and several vain attempts to use WINMOR for keyboarding.

There are good reasons why modes are (or should be) designed for specific purposes. With DSP it is much easier to design and optimize a mode that does a specific function well. When you try and make one thing fit all applications (Keyboard, files, messages, HF, VHF, wideband, narrow band, etc) you end up with a Camel (aka the Horse designed by committee!)

There is absolutely no logic that would suggest that V4 compete with WINMOR or be morphed to have WINMOR capability. They do 2 different things just like CW and SSB voice.

The theory and early testing on the simulator suggests that V4 should fit the keyboarder's requirements well though of course it will take time and work to optimize this.

Rick KN6KB

From: marc_pd4u
Sent: Friday, December 03, 2010 12:40 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Hang out frequencies - 4 what?

--- In mailto:V4Protocol%40yahoogroups.com, "va3lki" <va3lki@...> wrote:
><..> but sticking in the same area as the other keyboard operations are, does make some sense. I suspect there may be a comfortable niche there, and the 'battles for spectrum' already fought, won, or lost.
>
> If V4 is really just another keyboard method of doing the same thing in a little different way, then should it not still play in the keyboard sandbox? A bit like faster modes of PSK staying within the PSK area, or CW at 25, 35 and 50 wpm all playing nice together.
>

I fully agree if V4 is merely intended for K2K (keyboard to keyboard) use. Then a center of activity and eventual skeds via http://www.obriensweb.com/sked/ or any other suggested sked page is sufficient it seems to me.

But it begs the question is V4 merely intended for K2K use, since it originates from the WL2K team? Or is it (also) going to fit in the Wl2K set of programs in the future (that is my primary focus of interest)? In other words: Is the K2K alpha test a preliminary for the ARQ V4 Mode?

Marc, PD4U

34. Re: [V4Protocol] V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 19:21:18 UTC
From: David Bastress
Topic: 7 Message: 34
Attachments: 7 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

35. Re: [V4Protocol] Re: Hang out frequencies - 4 what?

Yahoo group: V4Protocol
Date: 2010-12-03 19:52:58 UTC
From: Andy obrien
Topic: 13 Message: 35

Interesting, it sounds a bit like ALE 400 to me, I look forward to seeing if it is anything close to what I imagine.

Andy K3UK

On Fri, Dec 3, 2010 at 2:09 PM, Rick Muething <rmuething@...> wrote:

>
>
> It is designed to do keyboard to keyboard at normal typing speeds with
> fairly good “slickness” (RX to TX turn over) and be more robust than modes
> like PSK (especially in poor multipath). It is the result of many requests
> and several vain attempts to use WINMOR for keyboarding.
>
> There are good reasons why modes are (or should be) designed for specific
> purposes. With DSP it is much easier to design and optimize a mode that
> does a specific function well. When you try and make one thing fit all
> applications (Keyboard, files, messages, HF, VHF, wideband, narrow band,
> etc) you end up with a Camel (aka the Horse designed by c
>
>

36. Re: [V4Protocol] Re: Hang out frequencies

Yahoo group: V4Protocol
Date: 2010-12-03 22:53:08 UTC
From: W6IDS
Topic: 13 Message: 36

This isn't operable with WL2K. It's an ARQ keyboard comms application per se.
How much spectrum does this take up compared to RTTY, PSK, etc?

RTTY and PSK aren't compatible simply for the fact that RTTY clobbers PSK.
How well will WINMOR play with RTTY? PSK? If it's no winder than PSK, I
don't see why it can't go anywhere it will fit on a not-to-interfere basis. NO
difference than we do now just out of courtesy for our other modes.

I guess I'm a bit reluctant to entertain a discussion about having to find a
separate home for the operations when we don't have to, IMHO. There's no
channel list to reference

Why can't we just pick a quiet frequency (ies) and test (call CQ WINMOR, set up
a sked referencing CF, etc)? We're not testing for WL2K application are we?
I thought this was totally applicable to normal QSO comms but with the advantage
of error-free copy by virtue of ARQ.

Seems to me it's no different than RTTY or my PacTOR I ops on 14111 CF.
Let's just test the capability to the max, have fun with it, and try not to bust anyone's
chops 'cause we weren't checking the freqs like we should.

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: David Bastress
To: V4Protocol@yahoogroups.com
Sent: Friday, December 03, 2010 9:24 AM
Subject: [V4Protocol] Re: Hang out frequencies

GM All,

I like John's suggestion. The 'north' ends (high frequency side) of the keyboard to
keyboard areas of the bands sounds like a plan to me. The only question may be on 40 meters
where there seems to be two KB to KB areas, one from 7035 and up and the other 7070 and up.

Dave K3GAU

37. Re: Hang out frequencies - 4 what?

Yahoo group: V4Protocol
Date: 2010-12-04 06:17:40 UTC
From: marc_pd4u
Topic: 13 Message: 37

Hi Rick,

TNX 4 ur reply. And I already guessed that since it was asked several times to include a K2K facility for winmor. So now there is V4 for those.

But I sure hope that V4 is not going to take too much development time for winmor, since winmor still has some hick-ups every now and then. But you also said you were going to focus again on winmor in the coming time. So PSE have a look at the "memory issue" (i.e. memory not released/variables not reset after a connect)

GD LK

Marc, PD4U

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Marc,
>
> There is no point speculating on these things....It should be fairly obvious from the performance figures and the V4 and V4Chat paper that V4 is intended strictly as a keyboard mode. It is limited to text, doesnâ□□t use compression and is slower and less adaptive (but more robust and narrower) than WINMOR ....all by design. It is designed to do keyboard to keyboard at normal typing speeds with fairly good â□□slicknessâ□□ (RX to TX turn over) and be more robust than modes like PSK (especially in poor multipath). It is the result of many requests and several vain attempts to use WINMOR for keyboarding.
>
> There are good reasons why modes are (or should be) designed for specific purposes. With DSP it is much easier to design and optimize a mode that does a specific function well. When you try and make one thing fit all applications (Keyboard, files, messages, HF, VHF, wideband, narrow band, etc) you end up with a Camel (aka the Horse designed by committee!)
>
> There is absolutely no logic that would suggest that V4 compete with WINMOR or be morphed to have WINMOR capability. They do 2 different things just like CW and SSB voice.
>
> The theory and early testing on the simulator suggests that V4 should fit the keyboarderâ□□s requirements well though of course it will take time and work to optimize this.
>
> Rick KN6KB
>
> From: marc_pd4u
> Sent: Friday, December 03, 2010 12:40 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Hang out frequencies - 4 what?
>
>
>

>
> --- In mailto:V4Protocol%40yahoogroups.com, "va3lki" <va3lki@> wrote:
> ><..> but sticking in the same area as the other keyboard operations are, does make some sense. I suspect there may be a comfortable niche there, and the 'battles for spectrum' already fought, won, or lost.
> >
> > If V4 is really just another keyboard method of doing the same thing in a little different way, then should it not still play in the keyboard sandbox? A bit like faster modes of PSK staying within the PSK area, or CW at 25, 35 and 50 wpm all playing nice together.
> >
>
> I fully agree if V4 is merely intended for K2K (keyboard to keyboard) use. Then a center of activity and eventual skeds via http://www.obriensweb.com/sked/ or any other suggested sked page is sufficient it seems to me.
>
> But it begs the question is V4 merely intended for K2K use, since it originates from the WL2K team? Or is it (also) going to fit in the Wl2K set of programs in the future (that is my primary focus of interest)? In other words: Is the K2K alpha test a preliminary for the ARQ V4 Mode?
>
> Marc, PD4U
>

38. Re: V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-04 06:40:46 UTC
From: marc_pd4u
Topic: 7 Message: 38

Yep.. and hard coding these frequencies into the software. And an auto-spot function could also resolve the frequency issue ;-))

ROS delenda est!

Marc

--- In V4Protocol@yahoogroups.com, Steinar Aanesland <saanes@...> wrote:
>
> Hi Dave
>
> What about using 14.101, 14.103, 14.113, 14.115 and take back the ROS freq?
>
> By the way, take a look at this page:
> http://www.bandplans.com/index.php?band=All
> It is not much playground left..
>
> 73 de LA5VNA Steinar
>
>
>
>
>
>
>
> On 02.12.2010 22:40, David Bastress wrote:
> > GA,
> >
> > Does anyone have any suggestions for frequencies to congregate around
> to test the V4 software when we get it??
> >
> > Dave K3GAU
> >
>

39. Re: [V4Protocol] V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-04 13:40:49 UTC
From: Steinar Aanesland
Topic: 7 Message: 39

"What the percentages of operation for SSB vs. digital/cw in LA land?"

Hi David

The only band that is regulated by government is 600m (493-510Khz).
Only CW A1A is allowed.

The Norwegian regulation translated with google:

http://translate.google.com/translate?js=n&prev=_t&hl=en&ie=UTF-8&layout=2&eotf=1&sl=auto&tl=en&u=http%3A%2F%2Fwww.lovdata.no%2Ffor%2Fsf%2Fsd%2Ftd-20091105-1340-0.html

73 de la5vna

Steinar

On 03.12.2010 20:21, David Bastress wrote:
> GA Steiner,
> A couple of comments about the 'band plan' as written.
> 1. I see it has not been updated to reflect the effects of the 80 meter
> refarming that was done in this country a couple of years ago. Now everything
> digital and cw must be done below 3600 KHz. so a lot of reshuffling has been
> done on that band!!
> 2. I see Bonnie / HFlink claim a lot of frequencies for their ALE operations.
> More than their fair share.
> 3. The 40 meter band plan really highlights the problem we have here in the US.
> Everything from 7043 to 7100 is used for SSB operations in most of the rest of
> the world and yet look at all the stuff we try to do in that same frequency
> range that isn't SSB. And, not listed in the band plan, are all the Winlink and
> Winmor RMS stations!! All the SSB operations by our neighbors to the north and
> south make using any of them practically impossible for a good part of our early
> evening / nighttime. Personally, I don't think we could stuff all the different
> operations and modes into 43 KHz. if we tried. Then to, that also doesn't
> account for the fact that the bottom 25 KHz. are only accessible to extra class
> licensees making the total usable bandwidth for a lot of amateurs only 18 KHz.
> if we don't want to interfere with SSB operations above 7043!! It's clearly a
> problem for everyone.
> I can't comment on the other bands as I don't use them enough to be aware of
> their problems.
> For now, I think the idea of operating at the high end of the PSK /digital mode
> areas should work for the V4 testing.
> Dave K3GAU
> P.S.: What the percentages of operation for SSB vs. digital/cw in LA land??
> >>> Steinar Aanesland <saanes@...> 12/3/2010 1:01 PM >>>
>
> Hi Dave
>

> What about using 14.101, 14.103, 14.113, 14.115 and take back the ROS freq?
>
> By the way, take a look at this page:
> http://www.bandplans.com/index.php?band=All
> It is not much playground left..
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> 73 de LA5VNA Steinar
>
> On 02.12.2010 22:40, David Bastress wrote:
> > GA,
> >
> > Does anyone have any suggestions for frequencies to congregate around
> to test the V4 software when we get it??
> >
> > Dave K3GAU
> >
>

40. New software ?

Yahoo group: V4Protocol
Date: 2010-12-04 14:22:10 UTC
From: Russell Blair
Topic: 40 Message: 40

Did Rick put out the V4 software and I missed the email.?

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457

41. Re: [V4Protocol] New software ?

Yahoo group: V4Protocol
Date: 2010-12-04 14:48:58 UTC
From: Fred G -w1wyc
Topic: 40 Message: 41

Nope.... Stay tuned

Fred, W1WYC

----- Original Message -----
From: Russell Blair
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 04, 2010 9:22 AM
Subject: [V4Protocol] New software ?

Did Rick put out the V4 software and I missed the email.?

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457

42. V4 in prespective of Band With usage and manned stations.

Yahoo group: V4Protocol
Date: 2010-12-04 15:26:29 UTC
From: la7um
Topic: 42 Message: 42

Hi all. Rick an V4 project is really into some very positive issues.
Talking K2K: P3 abt 2400hz and Winm 1600hz would be a qrm idling machine. A huge waste of BW.
Even Winm 500hz (abt 450 hz) also needing kind of a cars (B)road Band quality.

Pactor 1,2 Gtor, worked very well within the Icom 350hz special narrow band filters, IF!!! you tuned right on target. I have done that with great success over and over again. Years ago.

What is V4 offering: 1. Solid FEC-protected broadcast. 2 Even ARQ error free mode K2K, including canned Brag files, standard 127 ASCII and by chose a full UTF-8 Key for for at least the rest of EU set, maybe more, I don't know.

All this within a narrow "forest path" foot print of 200hz, NOT a Motor Way BW for file transfers, but a posibillity to commuinicate as quick as can be expected on a key board.
Also changing from ISS to IRS in a quick, or "slick" way, as Rick is formulating it.
This mode may hopefully work within the narrowest 250hz CW filters on all rigs, old or new. USB AND!!! LSB can be used, so those filters can be invoked.
Those filtere NEVER WORKED with amtor or pactor for me, only cw. Never tried PSK31 with them.

Please let us get information on this issue also along this testing lane.

YES. This is quite something we all really should look forward to.

AND as MANNED STATIONS there are a lot of wider spectrums available than the unmaned only WL2K have to their disposal.

But I concur with MARC. The WINMOR LEFTOVER UNSOLVED ISSSUES ARE NOT FORGOTTEN by some of the server drifters. Hi.

73. And again GOOD LUCK, (with both)
La7um Finn

43. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-04 16:16:03 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 43

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4 Chat 0.1.1.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : Initial Alpha Version of V4Chat (zip file)

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4%20Chat%200.1.1.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

44. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-04 16:31:23 UTC
From: Rick Muething
Topic: 43 Message: 44

All,

OK this is the initial ALPHA version....user beware! I have tested it on 4 computers (XP, Vista, Win 7 (32 and 64 bit). You will need .NET 3.5 (same as for WINMOR).
ARQ mode is currently disabled...needs more testing on the simulator but is close...maybe next week.

What feedback I need now is:
1. Install problems (missing files etc...Should be OK). Should also install a V4Chat Icon on the desktop and in the programs list.
2. License issues. This uses support files for IPWorks controls and Direct X. It looks like theses are all OK but....
3. Help. Basic help files exists for both the V4Chat and the helper application V4 TNC. You should read those (I know few do...but try before asking too many questions!)
4. This uses TCP connections so your Windows defender or Firewall or router has to let those through or the V4 TNC won't work. Similar to WINMOR but the port of course is different.
5. If you have WINMOR working the same settings (drive level, Sound card, radio control, PTT etc) should all work.
6. Try an over the air contact or a FEC Loop test (see the help) to get started.
7. There are many internal parameters that set the thresholds for detecting the signal and proper demodulation. These seem to work fairly well in the simulator but will need tweaking on weak signals over the air. I'm not too concerned about them at this initial launch.

Please DO NOT start asking for features, font changes, cosmetic changes etc UNTIL we get the basic install working and some useable FEC over the air sessions working.
If you have trouble with radio control or PTT control be SURE and completely define your setup (radio make & model, method of hookup, sound card interface, radio keying) and accurately describe what does or does not happen.

Feedback needs to be accurate to be helpful. "It crashes" or "Its broken" won't help and won't be answered!

Good luck,

Rick KN6KB

From: V4Protocol@...m
Sent: Saturday, December 04, 2010 11:16 AM
To: V4Protocol@...m
Subject: [V4Protocol] New file uploaded to V4Protocol

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4 Chat 0.1.1.0 Full Install.zip
Uploaded by : kn6kb <mailto:rmuething%40cfl.rr.com>
Description : Initial Alpha Version of V4Chat (zip file)

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4%20Chat%200.1.1.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <mailto:rmuething%40cfl.rr.com>

45. Re: [V4Protocol] V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-04 15:30:35 UTC
From: David Bastress
Topic: 7 Message: 45

GM Steiner,

Thanks. Love the simplicity of your rules. I wonder how many of the bureaucrats we could fire in the FCC and our government in general if we had such simple rules? :-)

What I was really interested in was the number or percentage of LA hams that normally operate SSB vs those that normally operate the digital modes.

Another question I would like to ask is, since your bands are wide open are there any "gentlemen's agreements", etc. as to where to operate SSB or where to operate digital modes, etc.?? The only 'open' HF band we have is 160 meters and by and large it works reasonably well.

Dave K3GAU

>>> Steinar Aanesland 12/04/10 8:41 AM >>>
"What the percentages of operation for SSB vs. digital/cw in LA land?"

Hi David

The only band that is regulated by government is 600m (493-510Khz).
Only CW A1A is allowed.

The Norwegian regulation translated with google:

http://translate.google.com/translate?js=n&prev=_t&hl=en&ie=UTF-8&layout=2&eotf=1&sl=auto&tl=en&u=http%3A%2F%2Fwww.lovdata.no%2Ffor%2Fsf%2Fsd%2Ftd-20091105-1340-0.html

73 de la5vna

Steinar

On 03.12.2010 20:21, David Bastress wrote:
> GA Steiner,
> A couple of comments about the 'band plan' as written.
> 1. I see it has not been updated to reflect the effects of the 80 meter
> refarming that was done in this country a couple of years ago. Now everything
> digital and cw must be done below 3600 KHz. so a lot of reshuffling has been
> done on that band!!
> 2. I see Bonnie / HFlink claim a lot of frequencies for their ALE operations.
> More than their fair share.
> 3. The 40 meter band plan really highlights the problem we have here

in the US.
> Everything from 7043 to 7100 is used for SSB operations in most of the
rest of
> the world and yet look at all the stuff we try to do in that same
frequency
> range that isn't SSB. And, not listed in the band plan, are all the
Winlink and
> Winmor RMS stations!! All the SSB operations by our neighbors to the
north and
> south make using any of them practically impossible for a good part of
our early
> evening / nighttime. Personally, I don't think we could stuff all the
different
> operations and modes into 43 KHz. if we tried. Then to, that also
doesn't
> account for the fact that the bottom 25 KHz. are only accessible to
extra class
> licensees making the total usable bandwidth for a lot of amateurs only
18 KHz.
> if we don't want to interfere with SSB operations above 7043!! It's
clearly a
> problem for everyone.
> I can't comment on the other bands as I don't use them enough to be
aware of
> their problems.
> For now, I think the idea of operating at the high end of the PSK
/digital mode
> areas should work for the V4 testing.
> Dave K3GAU
> P.S.: What the percentages of operation for SSB vs. digital/cw in LA
land??
> >>> Steinar Aanesland <saanes@...> 12/3/2010 1:01 PM >>>
>
> Hi Dave
>
> What about using 14.101, 14.103, 14.113, 14.115 and take back the ROS
freq?
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> By the way, take a look at this page:
> http://www.bandplans.com/index.php?band=All
> It is not much playground left..
>
> 73 de LA5VNA Steinar
>
> On 02.12.2010 22:40, David Bastress wrote:
> > GA,
> >
> > Does anyone have any suggestions for frequencies to congregate
around
> to test the V4 software when we get it??

> >
> > Dave K3GAU
> >
>

46. V4 loaded and listening on 14108.3

Yahoo group: V4Protocol
Date: 2010-12-04 16:49:49 UTC
From: Russell Blair
Topic: 46 Message: 46

" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457

47. Sucessful test

Yahoo group: V4Protocol
Date: 2010-12-04 17:10:32 UTC
From: Fred
Topic: 47 Message: 47

Just completed a successful test between two of my stations. I plan to get my MARS guys involved for further testing on our South Carolina net.
This will work well on our designated frequencies. I am hoping that multi-path problems suffered by other modes are a thing of the past.

Thanks Rick
Fred W4JLE/NNN0GBS

48. Re: [V4Protocol] Sucessful test

Yahoo group: V4Protocol
Date: 2010-12-04 17:15:05 UTC
From: Rick Muething
Topic: 47 Message: 48

Good Fred,

For really weak signal or gnarly multi path the ARQ mode will be better...It keeps on banging (up to 10 repeats) to get the frames through. I should have that working next week. At least the installs are worked (I had lots of problems with that over the past 4 days!)

I had one partial contact with excellent constellations but he had trouble hearing me....My 20 meter ant was showing lots of SWR so???

Rick

From: Fred
Sent: Saturday, December 04, 2010 12:10 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Sucessful test

Just completed a successful test between two of my stations. I plan to get my MARS guys involved for further testing on our South Carolina net.
This will work well on our designated frequencies. I am hoping that multi-path problems suffered by other modes are a thing of the past.

Thanks Rick
Fred W4JLE/NNN0GBS

49. Re: V4 software test frequencies

Yahoo group: V4Protocol
Date: 2010-12-04 17:24:34 UTC
From: la7um
Topic: 7 Message: 49

David. There is kind of gentlemans agreements. The NRRL do administer "on behalf of NPT" while looking at IARU reg 1 recommendations.
Most of us, but not all do respect this recommendations.

We are "self-ruling ourselves". And traditionally there have for lots of years been a very good cooperation between the NRRL and NPT.

But my personal oppinion is that digital modes has been kind of a "stepchild". This gradually is getting better.
In reality we here of course are a part of EUROPE.

But NPT (in cooperaton with NRRL has given us VFO possibilites on 60m. Secondary Basis. That is quite something.)

CW, and SSB RULES. and during tests the beloved RTTY DOUBLE RULES THE WHOLE SPECTRUM running the 1000W.

Steinar is good at calculations...I leave the statistics to him, hi.

;-/ 73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "David Bastress" <bastress@...> wrote:
>
> GM Steiner,
>
> Thanks. Love the simplicity of your rules. I wonder how many of the
> bureaucrats we could fire in the FCC and our government in general if we
> had such simple rules? :-)
>
> What I was really interested in was the number or percentage of LA hams
> that normally operate SSB vs those that normally operate the digital
> modes.
>
> Another question I would like to ask is, since your bands are wide open
> are there any "gentlemen's agreements", etc. as to where to operate SSB
> or where to operate digital modes, etc.?? The only 'open' HF band we
> have is 160 meters and by and large it works reasonably well.
>
> Dave K3GAU
>
>
>
> >>> Steinar Aanesland 12/04/10 8:41 AM >>>
> "What the percentages of operation for SSB vs. digital/cw in LA land?"
>
> Hi David
>

> The only band that is regulated by government is 600m (493-510Khz).
> Only CW A1A is allowed.
>
> The Norwegian regulation translated with google:
>
> http://translate.google.com/translate?js=n&prev=_t&hl=en&ie=UTF-8&layout=2&eotf=1&sl=aut
o&tl=en&u=http%3A%2F%2Fwww.lovdata.no%2Ffor%2Fsf%2Fsd%2Ftd-20091105-1340-0.html
>
> 73 de la5vna
>
> Steinar
>
> On 03.12.2010 20:21, David Bastress wrote:
> > GA Steiner,
> > A couple of comments about the 'band plan' as written.
> > 1. I see it has not been updated to reflect the effects of the 80
> meter
> > refarming that was done in this country a couple of years ago. Now
> everything
> > digital and cw must be done below 3600 KHz. so a lot of reshuffling
> has been
> > done on that band!!
> > 2. I see Bonnie / HFlink claim a lot of frequencies for their ALE
> operations.
> > More than their fair share.
> > 3. The 40 meter band plan really highlights the problem we have here
> in the US.
> > Everything from 7043 to 7100 is used for SSB operations in most of the
> rest of
> > the world and yet look at all the stuff we try to do in that same
> frequency
> > range that isn't SSB. And, not listed in the band plan, are all the
> Winlink and
> > Winmor RMS stations!! All the SSB operations by our neighbors to the
> north and
> > south make using any of them practically impossible for a good part of
> our early
> > evening / nighttime. Personally, I don't think we could stuff all the
> different
> > operations and modes into 43 KHz. if we tried. Then to, that also
> doesn't
> > account for the fact that the bottom 25 KHz. are only accessible to
> extra class
> > licensees making the total usable bandwidth for a lot of amateurs only
> 18 KHz.
> > if we don't want to interfere with SSB operations above 7043!! It's
> clearly a
> > problem for everyone.
> > I can't comment on the other bands as I don't use them enough to be
> aware of

> > their problems.
> > For now, I think the idea of operating at the high end of the PSK
> /digital mode
> > areas should work for the V4 testing.
> > Dave K3GAU
> > P.S.: What the percentages of operation for SSB vs. digital/cw in LA
> land??
> > >>> Steinar Aanesland <saanes@...> 12/3/2010 1:01 PM >>>
> >
> > Hi Dave
> >
> > What about using 14.101, 14.103, 14.113, 14.115 and take back the ROS
> freq?
> >
> > By the way, take a look at this page:
> > http://www.bandplans.com/index.php?band=All
> > It is not much playground left..
> >
> > 73 de LA5VNA Steinar
> >
> > On 02.12.2010 22:40, David Bastress wrote:
> > > GA,
> > >
> > > Does anyone have any suggestions for frequencies to congregate
> around
> > to test the V4 software when we get it??
> > >
> > > Dave K3GAU
> > >
> >
>

50. Re: [V4Protocol] Sucessful test

Yahoo group: V4Protocol
Date: 2010-12-04 17:35:16 UTC
From: Dennis Gabler
Topic: 47 Message: 50

I can't get it to key the rig. Express works fine with same settings.

Will continue to pursue.

On 12/4/2010 11:15 AM, Rick Muething wrote:
>
>
> Good Fred,
> For really weak signal or gnarly multi path the ARQ mode will be
> better...It keeps on banging (up to 10 repeats) to get the frames
> through. I should have that working next week. At least the installs
> are worked (I had lots of problems with that over the past 4 days!)
> I had one partial contact with excellent constellations but he had
> trouble hearing me....My 20 meter ant was showing lots of SWR so???
> Rick
--
Dennis Gabler AAR7DG/W5DG
Adel, IA.
http://army.iowamars.org
ICS 100, 200, 300, 400, 700, 800, and COML-T certified

51. No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 17:40:29 UTC
From: Andy obrien
Topic: 51 Message: 51

Using the exact same settings that I use successfully with Winmor, I am not achieving any PTT with V4. Anyone else using a Kenwood TS-2000 and have PTT working. Nice to see a few stations testing on 14073 via the sked page

Andy K3UK

52. error on transmit

Yahoo group: V4Protocol
Date: 2010-12-04 17:42:22 UTC
From: Robert Sheskin
Topic: 52 Message: 52

NC5O and I were trying to QSO, everytime I hit <enter> I get the
following error using Windows 7 64 bit.

See the end of this message for details on invoking
just-in-time (JIT) debugging instead of this dialog box.

********** Exception Text **********
System.ArgumentOutOfRangeException: Length cannot be less than zero.
Parameter name: length
at System.String.InternalSubStringWithChecks(Int32 startIndex, Int32
length, Boolean fAlwaysCopy)
at System.String.Substring(Int32 startIndex, Int32 length)
at V4Chat.Main.rtbSend_TextChanged1(Object sender, EventArgs e)
at System.Windows.Forms.Control.OnTextChanged(EventArgs e)
at System.Windows.Forms.TextBoxBase.OnTextChanged(EventArgs e)
at System.Windows.Forms.TextBoxBase.WmReflectCommand(Message& m)
at System.Windows.Forms.TextBoxBase.WndProc(Message& m)
at System.Windows.Forms.RichTextBox.WmReflectCommand(Message& m)
at System.Windows.Forms.RichTextBox.WndProc(Message& m)
at
System.Windows.Forms.Control.ControlNativeWindow.OnMessage(Message& m)
at System.Windows.Forms.Control.ControlNativeWindow.WndProc(Message& m)
at System.Windows.Forms.NativeWindow.Callback(IntPtr hWnd, Int32
msg, IntPtr wparam, IntPtr lparam)

********** Loaded Assemblies **********
mscorlib
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.4952 (win7RTMGDR.050727-4900)
CodeBase:
file:///C:/Windows/Microsoft.NET/Framework/v2.0.50727/mscorlib.dll
----
V4Chat
Assembly Version: 0.1.1.0
Win32 Version: 0.1.1.0
CodeBase: file:///C:/V4Chat/V4Chat.exe

Microsoft.VisualBasic
Assembly Version: 8.0.0.0
Win32 Version: 8.0.50727.4927 (NetFXspW7.050727-4900)
CodeBase:
file:///C:/Windows/assembly/GAC_MSIL/Microsoft.VisualBasic/8.0.0.0__b03f5f7f11d50a3a/Micro
soft.VisualBasic.dll

System
Assembly Version: 2.0.0.0

```
Win32 Version: 2.0.50727.4927 (NetFXspW7.050727-4900)
CodeBase:
file:///C:/Windows/assembly/GAC_MSIL/System/2.0.0.0__b77a5c561934e089/System.dll
----------------------------------------
System.Windows.Forms
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.4927 (NetFXspW7.050727-4900)
CodeBase:
file:///C:/Windows/assembly/GAC_MSIL/System.Windows.Forms/2.0.0.0__b77a5c561934e089/System
.Windows.Forms.dll
----------------------------------------
System.Drawing
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.4927 (NetFXspW7.050727-4900)
CodeBase:
file:///C:/Windows/assembly/GAC_MSIL/System.Drawing/2.0.0.0__b03f5f7f11d50a3a/System.Drawi
ng.dll
----------------------------------------
System.Runtime.Remoting
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.4927 (NetFXspW7.050727-4900)
CodeBase:
file:///C:/Windows/assembly/GAC_MSIL/System.Runtime.Remoting/2.0.0.0__b77a5c561934e089/Sys
tem.Runtime.Remoting.dll
----------------------------------------
nsoftware.IPWorks
Assembly Version: 8.0.3120.0
Win32 Version: 8.0.3120.0
CodeBase: file:///C:/V4Chat/nsoftware.IPWorks.DLL
----------------------------------------
System.Configuration
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.4927 (NetFXspW7.050727-4900)
CodeBase:
file:///C:/Windows/assembly/GAC_MSIL/System.Configuration/2.0.0.0__b03f5f7f11d50a3a/System
.Configuration.dll
----------------------------------------
System.Web
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.4955 (win7RTMGDR.050727-4900)
CodeBase:
file:///C:/Windows/assembly/GAC_32/System.Web/2.0.0.0__b03f5f7f11d50a3a/System.Web.dll
----------------------------------------
nsoftware.System
Assembly Version: 2.0.2819.0
Win32 Version: 2.0.2819.0
CodeBase: file:///C:/V4Chat/nsoftware.System.DLL
----------------------------------------
System.Xml
Assembly Version: 2.0.0.0
```

```
Win32 Version: 2.0.50727.4927 (NetFXspW7.050727-4900)
CodeBase:
file:///C:/Windows/assembly/GAC_MSIL/System.Xml/2.0.0.0__b77a5c561934e089/System.Xml.dll
----------------------------------------

************** JIT Debugging **************
To enable just-in-time (JIT) debugging, the .config file for this
application or computer (machine.config) must have the
jitDebugging value set in the system.windows.forms section.
The application must also be compiled with debugging
enabled.

For example:

<configuration>
<system.windows.forms jitDebugging="true" />
</configuration>

When JIT debugging is enabled, any unhandled exception
will be sent to the JIT debugger registered on the computer
rather than be handled by this dialog box.

--
73,
Bob N3PPH
```

53. Registration Link Broken

Yahoo group: V4Protocol
Date: 2010-12-04 17:45:17 UTC
From: Thomas F. Giella NZ4O
Topic: 53 Message: 53

The registration web page URL http://www.arsfi.org/V4.aspx doesn't work.

73 & GUD DX,
Thomas F. Giella, NZ4O
Lakeland, FL, USA
nz4o@...
John 3:16 <><

PODXS 070 Club #349
Feld Hell Club #141
30 Meter Digital Group #691
Digital Modes Club #1243
WARC Bands Century Club #20

NZ4O Amateur & SWL Autobiography: http://www.nz4o.org
NZ4O LF/MF/HF/6M Radiowave Propagation Forecast: http://www.solarcycle24.org

54. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 17:59:50 UTC
From: Rick Muething
Topic: 51 Message: 54

All,

Those having PTT problems....YOU MUST explain which of the four possible PTT methods you are using and your setup.

1) PTT via VOX operated relay in the sound card interface (e.g. Signal Link)
2) PTT via VOX using the transmitter's built in VOX tripped from the audio
3) PTT via a dedicated serial control port using the RTS or DTR signals (this might be through the sound card interface)
4) PTT via a serial command to the radio (supported on some radios) This is the same port that does radio frequency and mode control.

I didn't have the facilities here to check all these out.

Rick KN6KB

From: Andy obrien
Sent: Saturday, December 04, 2010 12:40 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] No PTT

Using the exact same settings that I use successfully with Winmor, I am not achieving any PTT with V4. Anyone else using a Kenwood TS-2000 and have PTT working. Nice to see a few stations testing on 14073 via the sked page

Andy K3UK

55. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 18:11:17 UTC
From: Dennis Gabler
Topic: 51 Message: 55

In my case PTT is via COM port (USB->RS232) on COM10 both DTR and RTS enabled.

Rig is a TS-480, Express and RMS Winmor work to this rig with same settings. If you need more info let me know.

On 12/4/2010 11:59 AM, Rick Muething wrote:
>
>
> All,
> Those having PTT problems....YOU MUST explain which of the four
> possible PTT methods you are using and your setup.
> 1) PTT via VOX operated relay in the sound card interface (e.g. Signal
> Link)
> 2) PTT via VOX using the transmitter’s built in VOX tripped from the audio
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> signals (this might be through the sound card interface)
> 4) PTT via a serial command to the radio (supported on some radios)
> This is the same port that does radio frequency and mode control.
> I didn’t have the facilities here to check all these out.
> Rick KN6KB
> *From:* Andy obrien <mailto:k3ukandy@...>
> *Sent:* Saturday, December 04, 2010 12:40 PM
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Subject:* [V4Protocol] No PTT
>
> Using the exact same settings that I use successfully with Winmor, I
> am not achieving any PTT with V4. Anyone else using a Kenwood TS-2000
> and have PTT working. Nice to see a few stations testing on 14073 via
> the sked page
>
> Andy K3UK
>
>
>
>

--
Dennis Gabler AAR7DG/W5DG
Adel, IA.
http://army.iowamars.org
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56. Can't use 4800 Baud PTT with Kenwood TS-440s

Yahoo group: V4Protocol
Date: 2010-12-04 18:20:56 UTC
From: kb0fx
Topic: 56 Message: 56

Rick - Using a Kenwood TS-440s with the IF-232C interface. According to the Help you must use a speed of at least 4800 baud. That is the maximum speed that the TS-440s / IF-232C can support. 4800 baud is available as a speed setting but I get an error stating "Radio control port must be greater than 4800 for command PTT.

Thanks Mike KB0FX

57. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 18:21:12 UTC
From: Andy obrien
Topic: 51 Message: 57

Each non-vox operation failed , I tried them all with RTS. VOX worked very
well !

Andy K3UK

On Sat, Dec 4, 2010 at 1:11 PM, Dennis Gabler <dgabler@prairieinet.net>wrote:

>
>
> In my case PTT is via COM port (USB->RS232) on COM10 both DTR and RTS
> enabled.
>
> Rig is a TS-480, Express and RMS Winmor work to this rig with same
> settings. If you need more info let me know.
>
>
>
> On 12/4/2010 11:59 AM, Rick Muething wrote:
>
> All,
>
> Those having PTT problems....YOU MUST explain which of the four possible
> PTT methods you are using and your setup.
>
> 1) PTT via VOX operated relay in the sound card interface (e.g. Signal
> Link)
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> 3) PTT via a dedicated serial control port using the RTS or DTR signals
> (this might be through the sound card interface)
> 4) PTT via a serial command to the radio (supported on some radios) This
> is the same port that does radio frequency and mode control.
>
> I didn’t have the facilities here to check all these out.
>
> Rick KN6KB
>
>
> *From:* Andy obrien <k3ukandy@...>
> *Sent:* Saturday, December 04, 2010 12:40 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] No PTT
>
>
>
> Using the exact same settings that I use successfully with Winmor, I am not
> achieving any PTT with V4. Anyone else using a Kenwood TS-2000 and have PTT

> working. Nice to see a few stations testing on 14073 via the sked page
>
> Andy K3UK
>
>
>
> --
> Dennis Gabler AAR7DG/W5DG
> Adel, IA.http://army.iowamars.org
> ICS 100, 200, 300, 400, 700, 800, and COML-T certified
>
>
>

58. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 18:21:54 UTC
From: Rick Muething
Topic: 51 Message: 58

Are you controlling using a separate PTT serial port or the radio via a PTT command? Can you send me your V4Chat.ini file and I'll take a look. Send it directly to rmuethingATcfl.rr.com

Rick

From: Dennis Gabler
Sent: Saturday, December 04, 2010 1:11 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] No PTT

In my case PTT is via COM port (USB->RS232) on COM10 both DTR and RTS enabled.

Rig is a TS-480, Express and RMS Winmor work to this rig with same settings. If you need more info let me know.

On 12/4/2010 11:59 AM, Rick Muething wrote:

All,

Those having PTT problems....YOU MUST explain which of the four possible PTT methods you are using and your setup.

1) PTT via VOX operated relay in the sound card interface (e.g. Signal Link)
2) PTT via VOX using the transmitter's built in VOX tripped from the audio
3) PTT via a dedicated serial control port using the RTS or DTR signals (this might be through the sound card interface)
4) PTT via a serial command to the radio (supported on some radios) This is the same port that does radio frequency and mode control.

I didn't have the facilities here to check all these out.

Rick KN6KB

From: Andy obrien
Sent: Saturday, December 04, 2010 12:40 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] No PTT

Using the exact same settings that I use successfully with Winmor, I am not achieving any PTT with V4. Anyone else using a Kenwood TS-2000 and have PTT working. Nice to see a few stations testing on 14073 via the sked page

Andy K3UK

--
Dennis Gabler AAR7DG/W5DG
Adel, IA.

http://army.iowamars.org
ICS 100, 200, 300, 400, 700, 800, and COML-T certified

59. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 18:24:18 UTC
From: Ron Wenig
Topic: 51 Message: 59

I have a Flex 3000 and I'm sorry for throwing a complicated setup to the group so early in the V4 Chat life.

Same setup as RMS Express. I'm using Virtual Audio Cable which is working, at least I'm seeing the waterfall and get a green TNC.

For PTT and Radio Control I'm using com0com which is working in RMS Express. Com 6 which translates to Com 16 for control and Com 7 which translate to Com 17 for PTT. RTS and DTR selected with 56K buad. I selected Flex for the radio. I don't see any errors in the logs.

No PTT in two tone test or transmitting text.

73, Ron ny3j

On 12/4/2010 1:11 PM, Dennis Gabler wrote:
>
> In my case PTT is via COM port (USB->RS232) on COM10 both DTR and RTS
> enabled.
>
> Rig is a TS-480, Express and RMS Winmor work to this rig with same
> settings. If you need more info let me know.
>
>
> On 12/4/2010 11:59 AM, Rick Muething wrote:
>
>> All,
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>> possible PTT methods you are using and your setup.
>> 1) PTT via VOX operated relay in the sound card interface (e.g.
>> Signal Link)
>> 2) PTT via VOX using the transmitter’s built in VOX tripped from the
>> audio
>> 3) PTT via a dedicated serial control port using the RTS or DTR
>> signals (this might be through the sound card interface)
>> 4) PTT via a serial command to the radio (supported on some radios)
>> This is the same port that does radio frequency and mode control.
>> I didn’t have the facilities here to check all these out.
>> Rick KN6KB
>> *From:* Andy obrien <mailto:k3ukandy@...>
>> *Sent:* Saturday, December 04, 2010 12:40 PM
>> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>> *Subject:* [V4Protocol] No PTT
>>
>> Using the exact same settings that I use successfully with Winmor, I
>> am not achieving any PTT with V4. Anyone else using a Kenwood

>> TS-2000 and have PTT working. Nice to see a few stations testing on
>> 14073 via the sked page
>>
>> Andy K3UK
>>
>
>
> --
> Dennis Gabler AAR7DG/W5DG
> Adel, IA.
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>

60. My first V4 QSO

Yahoo group: V4Protocol
Date: 2010-12-04 18:28:00 UTC
From: Andy obrien
Topic: 60 Message: 60

My first V4 Chat is as follows
(14073 USB)

KN6KB: CQ CQ CQ De KN6KB
CQ CQ CQ De KN6KB
CQ CQ CQ De KN6KB [EL98 pf] K K K

kn6hi rick de k3uk
k3uk

k3uk k3uk cpy rick ?
KN6KB: Yes I copy but you are about 120 Hz hi and I had to reset my
auto tuning to 200 Hz
NC5O: now maybe some one can hr u better than me yes just noticed that
rick , sorry about that . i see nc50 also
btu de k3uk

KN6KB: I am not sure why the frequencies are off.
KN6KB: They should be within a few hZ if your radio is not off.
De Rick KN6KB

my dial is off i am on 14073.06 by mistake
bumped the dial perhaps but I decoded u, setting ius 100hz in v4

KN6KB: Missed that please repeat

y dial is off i am on 14073.06 by mistake
bumped the dial perhaps but I decoded u, setting ius 100hz in v4

KN6KB: That setting of 100 Hz will work fine id the radios are close
KN6KB: But if you are off you will have to set that higher

Rick
roger that , Rick. well it seems to be a good mode ... so afr
works well, nicely done sir btu kn6kb de k3uk

KN6KB: Actually it works pretty well for the firouraged

encoraged , can't spell and each a sandwich at same time
ok Rick will let u try some otherrs

nnoying bugs to fix...but its a

73 and thanks for first V4chat de k3uk

KN6KB: Thanis Hope to have more later as we improve things. 73 De KN6KB
I think you have a winner
73 de k3uk sk

61. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 18:29:19 UTC
From: Andy obrien
Topic: 51 Message: 61

I tried BOTH options, using PTT radio command AND PTT via serial port.

I'll send the INI file

Andy K3UK

On Sat, Dec 4, 2010 at 1:21 PM, Rick Muething <rmuething@...> wrote:

>
>
> Are you controlling using a separate PTT serial port or the radio via a
> PTT command? Can you send me your V4Chat.ini file and I'll take a look.
> Send it directly to rmuethingATcfl.rr.com
>
> Rick
>
>
> *From:* Dennis Gabler <dgabler@...>
> *Sent:* Saturday, December 04, 2010 1:11 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] No PTT
>
>
>
> In my case PTT is via COM port (USB->RS232) on COM10 both DTR and RTS
> enabled.
>
> Rig is a TS-480, Express and RMS Winmor work to this rig with same
> settings. If you need more info let me know.
>
>
> On 12/4/2010 11:59 AM, Rick Muething wrote:
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> All,
>
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> PTT methods you are using and your setup.
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> 1) PTT via VOX operated relay in the sound card interface (e.g. Signal
> Link)
> 2) PTT via VOX using the transmitter's built in VOX tripped from the audio
> 3) PTT via a dedicated serial control port using the RTS or DTR signals
> (this might be through the sound card interface)
> 4) PTT via a serial command to the radio (supported on some radios) This
> is the same port that does radio frequency and mode control.
>

> I didn’t have the facilities here to check all these out.
>
> Rick KN6KB
>
>
> *From:* Andy obrien <k3ukandy@gmail.com>
> *Sent:* Saturday, December 04, 2010 12:40 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] No PTT
>
>
>
> Using the exact same settings that I use successfully with Winmor, I am not
> achieving any PTT with V4. Anyone else using a Kenwood TS-2000 and have PTT
> working. Nice to see a few stations testing on 14073 via the sked page
>
> Andy K3UK
>
>
>
> --
> Dennis Gabler AAR7DG/W5DG
> Adel, IA.http://army.iowamars.org
> ICS 100, 200, 300, 400, 700, 800, and COML-T certified
>
>
>

62. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 18:32:56 UTC
From: Ron Wenig
Topic: 51 Message: 62

Rick,

I just checked my V4Chat.ini and there is no entry for the PTT setting.

Ron ny3j

On 12/4/2010 1:24 PM, Ron Wenig wrote:
>
> I have a Flex 3000 and I'm sorry for throwing a complicated setup to
> the group so early in the V4 Chat life.
>
> Same setup as RMS Express. I'm using Virtual Audio Cable which is
> working, at least I'm seeing the waterfall and get a green TNC.
>
> For PTT and Radio Control I'm using com0com which is working in RMS
> Express. Com 6 which translates to Com 16 for control and Com 7 which
> translate to Com 17 for PTT. RTS and DTR selected with 56K buad. I
> selected Flex for the radio. I don't see any errors in the logs.
>
> No PTT in two tone test or transmitting text.
>
> 73, Ron ny3j
>
> On 12/4/2010 1:11 PM, Dennis Gabler wrote:
>
>> In my case PTT is via COM port (USB->RS232) on COM10 both DTR and RTS
>> enabled.
>>
>> Rig is a TS-480, Express and RMS Winmor work to this rig with same
>> settings. If you need more info let me know.
>>
>>
>> On 12/4/2010 11:59 AM, Rick Muething wrote:
>>
>>> All,
>>> Those having PTT problems....YOU MUST explain which of the four
>>> possible PTT methods you are using and your setup.
>>> 1) PTT via VOX operated relay in the sound card interface (e.g.
>>> Signal Link)
>>> 2) PTT via VOX using the transmitter’s built in VOX tripped from the
>>> audio
>>> 3) PTT via a dedicated serial control port using the RTS or DTR
>>> signals (this might be through the sound card interface)
>>> 4) PTT via a serial command to the radio (supported on some radios)
>>> This is the same port that does radio frequency and mode control.
>>> I didn’t have the facilities here to check all these out.

>>> Rick KN6KB
>>> *From:* Andy obrien <mailto:k3ukandy@...>
>>> *Sent:* Saturday, December 04, 2010 12:40 PM
>>> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>>> *Subject:* [V4Protocol] No PTT
>>>
>>> Using the exact same settings that I use successfully with Winmor, I
>>> am not achieving any PTT with V4. Anyone else using a Kenwood
>>> TS-2000 and have PTT working. Nice to see a few stations testing on
>>> 14073 via the sked page
>>>
>>> Andy K3UK
>>>
>>
>>
>> --
>> Dennis Gabler AAR7DG/W5DG
>> Adel, IA.
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>> ICS 100, 200, 300, 400, 700, 800, and COML-T certified
>
>

63. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 18:33:52 UTC
From: Dennis Gabler
Topic: 51 Message: 63

Files and answer should be in your mailbox.

On 12/4/2010 12:21 PM, Rick Muething wrote:
>
>
> Are you controlling using a separate PTT serial port or the radio via
> a PTT command? Can you send me your V4Chat.ini file and I'll take a
> look. Send it directly to rmuethingATcfl.rr.com
> Rick
>
--
Dennis Gabler AAR7DG/W5DG
Adel, IA.
http://army.iowamars.org
ICS 100, 200, 300, 400, 700, 800, and COML-T certified

64. V4 error when cutting/pasting

Yahoo group: V4Protocol
Date: 2010-12-04 18:36:00 UTC
From: Andy obrien
Topic: 64 Message: 64
Attachments: 1 described; binary payloads are missing from this source WARC

It may be too early for me to try things like cutting and pasting text in to V4Chat , but I get the error illustrated in the attached screenshot when I am cutting and pasting text in to the transmit window, . An unhandled exception.

Andy K3UK

65. Re: [V4Protocol] V4 error when cutting/pasting

Yahoo group: V4Protocol
Date: 2010-12-04 18:47:21 UTC
From: Steve
Topic: 64 Message: 65

I just installed and gave it a quick test without the transmitter on. PC is Win XP pro.
No issues on install.
PTT with SignaLink functions fine.
Same error you got when highlighting and deleting text in the transmit window. Could continue without issue. I'm used to Fldigi so I first found myself right clicking to find the "Clear" option. HI HI

Will probably have a chance to give it a real test later today or tomorrow. Currently putting up Christmas decorations before the "wintry mix" hits us.

Steve, KB1TCE

On 12/4/2010 1:36 PM, Andy obrien wrote:
>
> It may be too early for me to try things like cutting and pasting text
> in to V4Chat , but I get the error illustrated in the attached
> screenshot when I am cutting and pasting text in to the transmit
> window, . An unhandled exception.
>
> Andy K3UK
>
>

66. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 18:55:11 UTC
From: Rick Muething
Topic: 51 Message: 66

Ron,
I am not going to try and tackle this for the flex until we get it fixed for the other radios. I think I picked up an old rev of the radio control class but it will take some digging to find out the real problem.

Rick

From: Ron Wenig
Sent: Saturday, December 04, 2010 1:24 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] No PTT

I have a Flex 3000 and I'm sorry for throwing a complicated setup to the group so early in the V4 Chat life.

Same setup as RMS Express. I'm using Virtual Audio Cable which is working, at least I'm seeing the waterfall and get a green TNC.

For PTT and Radio Control I'm using com0com which is working in RMS Express. Com 6 which translates to Com 16 for control and Com 7 which translate to Com 17 for PTT. RTS and DTR selected with 56K buad. I selected Flex for the radio. I don't see any errors in the logs.

No PTT in two tone test or transmitting text.

73, Ron ny3j

On 12/4/2010 1:11 PM, Dennis Gabler wrote:

In my case PTT is via COM port (USB->RS232) on COM10 both DTR and RTS enabled.

Rig is a TS-480, Express and RMS Winmor work to this rig with same settings. If you need more info let me know.

On 12/4/2010 11:59 AM, Rick Muething wrote:

All,

Those having PTT problems....YOU MUST explain which of the four possible PTT methods you are using and your setup.

1) PTT via VOX operated relay in the sound card interface (e.g. Signal Link)
2) PTT via VOX using the transmitter’s built in VOX tripped from the audio
3) PTT via a dedicated serial control port using the RTS or DTR signals (this might be through the sound card interface)
4) PTT via a serial command to the radio (supported on some radios) This is the same port that does radio frequency and mode control.

I didn’t have the facilities here to check all these out.

Rick KN6KB

From: Andy obrien
Sent: Saturday, December 04, 2010 12:40 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] No PTT

Using the exact same settings that I use successfully with Winmor, I am not achieving any PTT with V4. Anyone else using a Kenwood TS-2000 and have PTT working. Nice to see a few stations testing on 14073 via the sked page

Andy K3UK

--
Dennis Gabler AAR7DG/W5DG
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67. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 18:57:29 UTC
From: Ron Wenig
Topic: 51 Message: 67

Thanks Rick, no problem.

Ron ny3j

On 12/4/2010 1:55 PM, Rick Muething wrote:
>
> Ron,
> I am not going to try and tackle this for the flex until we get it
> fixed for the other radios. I think I picked up an old rev of the
> radio control class but it will take some digging to find out the real
> problem.
>
> Rick
> *From:* Ron Wenig <mailto:rwenig@...>
> *Sent:* Saturday, December 04, 2010 1:24 PM
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Subject:* Re: [V4Protocol] No PTT
>
> I have a Flex 3000 and I'm sorry for throwing a complicated setup to
> the group so early in the V4 Chat life.
>
> Same setup as RMS Express. I'm using Virtual Audio Cable which is
> working, at least I'm seeing the waterfall and get a green TNC.
>
> For PTT and Radio Control I'm using com0com which is working in RMS
> Express. Com 6 which translates to Com 16 for control and Com 7 which
> translate to Com 17 for PTT. RTS and DTR selected with 56K buad. I
> selected Flex for the radio. I don't see any errors in the logs.
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>
> 73, Ron ny3j
>
> On 12/4/2010 1:11 PM, Dennis Gabler wrote:
>
>> In my case PTT is via COM port (USB->RS232) on COM10 both DTR and RTS
>> enabled.
>>
>> Rig is a TS-480, Express and RMS Winmor work to this rig with same
>> settings. If you need more info let me know.
>>
>>
>> On 12/4/2010 11:59 AM, Rick Muething wrote:
>>
>>> All,

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>>> possible PTT methods you are using and your setup.
>>> 1) PTT via VOX operated relay in the sound card interface (e.g.
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>>> 2) PTT via VOX using the transmitter’s built in VOX tripped from the
>>> audio
>>> 3) PTT via a dedicated serial control port using the RTS or DTR
>>> signals (this might be through the sound card interface)
>>> 4) PTT via a serial command to the radio (supported on some radios)
>>> This is the same port that does radio frequency and mode control.
>>> I didn’t have the facilities here to check all these out.
>>> Rick KN6KB
>>> *From:* Andy obrien <mailto:k3ukandy@...>
>>> *Sent:* Saturday, December 04, 2010 12:40 PM
>>> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>>> *Subject:* [V4Protocol] No PTT
>>>
>>> Using the exact same settings that I use successfully with Winmor, I
>>> am not achieving any PTT with V4. Anyone else using a Kenwood
>>> TS-2000 and have PTT working. Nice to see a few stations testing on
>>> 14073 via the sked page
>>>
>>> Andy K3UK
>>>
>>
>>
>> --
>> Dennis Gabler AAR7DG/W5DG
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>> ICS 100, 200, 300, 400, 700, 800, and COML-T certified
>
>

68. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 19:14:06 UTC
From: wb4tdb@aol.com
Topic: 51 Message: 68

I am copying CQ from ve3crt!
Vollie, NA4C

In a message dated 12/4/2010 6:57:46 P.M. Coordinated Universal Time,
rwenig@... writes:

Thanks Rick, no problem.

Ron ny3j

On 12/4/2010 1:55 PM, Rick Muething wrote:

Ron,
I am not going to try and tackle this for the flex until we get it fixed
for the other radios. I think I picked up an old rev of the radio control
class but it will take some digging to find out the real problem.

Rick

From: _Ron Wenig_ (mailto:rwenig@...)
Sent: Saturday, December 04, 2010 1:24 PM
To: _V4Protocol@yahoogroups.com_ (mailto:V4Protocol@yahoogroups.com)
Subject: Re: [V4Protocol] No PTT

I have a Flex 3000 and I'm sorry for throwing a complicated setup to the
group so early in the V4 Chat life.

Same setup as RMS Express. I'm using Virtual Audio Cable which is
working, at least I'm seeing the waterfall and get a green TNC.

For PTT and Radio Control I'm using com0com which is working in RMS
Express. Com 6 which translates to Com 16 for control and Com 7 which translate
to Com 17 for PTT. RTS and DTR selected with 56K buad. I selected Flex
for the radio. I don't see any errors in the logs.

No PTT in two tone test or transmitting text.

73, Ron ny3j

On 12/4/2010 1:11 PM, Dennis Gabler wrote:

In my case PTT is via COM port (USB->RS232) on COM10 both DTR and RTS
enabled.

Rig is a TS-480, Express and RMS Winmor work to this rig with same
settings. If you need more info let me know.

On 12/4/2010 11:59 AM, Rick Muething wrote:

All,

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1) PTT via VOX operated relay in the sound card interface (e.g. Signal Link)
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4) PTT via a serial command to the radio (supported on some radios) This is the same port that does radio frequency and mode control.

I didn't have the facilities here to check all these out.

Rick KN6KB

From: _Andy obrien_ (mailto:k3ukandy@gmail.com)
Sent: Saturday, December 04, 2010 12:40 PM
To: _V4Protocol@yahoogroups.com_ (mailto:V4Protocol@yahoogroups.com)
Subject: [V4Protocol] No PTT

Using the exact same settings that I use successfully with Winmor, I am not achieving any PTT with V4. Anyone else using a Kenwood TS-2000 and have PTT working. Nice to see a few stations testing on 14073 via the sked page

Andy K3UK

--

Dennis Gabler AAR7DG/W5DG

Adel, IA.

http://army.iowamars.org (http://army.iowamars.org/)

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69. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 19:25:48 UTC
From: Fred G -w1wyc
Topic: 51 Message: 69

Hi Rick,

Yup, I'm having the same problem as Andy.
My PTT setup is (which works for RMS/Winmor).
Dedicated COM port (COM6) RTS. I built the interface for Winmor.
Its not needed for MixW which uses the CAT input to the FT-920.

Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 04, 2010 12:59 PM
Subject: Re: [V4Protocol] No PTT

All,

Those having PTT problems....YOU MUST explain which of the four possible PTT methods you are using and your setup.

1) PTT via VOX operated relay in the sound card interface (e.g. Signal Link)
2) PTT via VOX using the transmitter's built in VOX tripped from the audio
3) PTT via a dedicated serial control port using the RTS or DTR signals (this might be through the sound card interface)
4) PTT via a serial command to the radio (supported on some radios) This is the same port that does radio frequency and mode control.

I didn't have the facilities here to check all these out.

Rick KN6KB

From: Andy obrien
Sent: Saturday, December 04, 2010 12:40 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] No PTT

Using the exact same settings that I use successfully with Winmor, I am not achieving any PTT with V4. Anyone else using a Kenwood TS-2000 and have PTT working. Nice to see a few stations testing on 14073 via the sked page

Andy K3UK

70. Successful QSO on 80

Yahoo group: V4Protocol
Date: 2010-12-04 19:32:06 UTC
From: kb1tce
Topic: 70 Message: 70

KB1TCD and I just had a successful QSO on 80 meters. No issues except for the aforementioned error when cutting text from the xmit window. KB1TCD was using a Vista laptop.

Steve, KB1TCE

71. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 19:41:12 UTC
From: Chuck
Topic: 51 Message: 71

No PTT using the IC-7200 USB port direct to laptop using Vista.(no Signalink USB connected). PTT Working fine on Winmor. Switch to V4 using same settings in as for Winmor and the transmitter is not keyed. Tried 2 Tone and CWID which show activity on the TNC.
Settings:
Radio: IC-7200
Icom adr: 76H using USB Digital
Baud Rate matches the 7200 at 19200.
PTT Port CI-V
Anyone else using the 7200?

73;
Chuck, WA7BRL

----- Original Message -----
From: "Rick Muething" <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 4, 2010 9:59:50 AM
Subject: Re: [V4Protocol] No PTT

72. no PTT here either

Yahoo group: V4Protocol
Date: 2010-12-04 19:44:16 UTC
From: afa4qg
Topic: 72 Message: 72

Am using the same setup as with RMS Express:
no radio contol
PTT set for COM1 RTS on DTR off
9600 baud

copying fine and my RIGblaster blinks my CWID when I click on that funtion but does not key up the Kenwood TS870S as it does in the other programs (RMS Express, FLDigi, WixW, etc.)

Thanks,
Dick, W4WEB

73. First QSO on 20 with VE7CRT

Yahoo group: V4Protocol
Date: 2010-12-04 19:45:37 UTC
From: kb0fx
Topic: 73 Message: 73

Just had my first QSO with VE7CRT on 14.073 Using a FT-897 with a Signalink USB.

74. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 19:46:47 UTC
From: Dennis Gabler
Topic: 51 Message: 74

I think this is happening to multiple users (me included). Rick will
get it figured out.

On 12/4/2010 1:41 PM, Chuck wrote:
> No PTT using the IC-7200 USB port direct to laptop using Vista.(no Signalink USB connected). PTT Working fine on Winmor. Switch to V4 using same settings in as for Winmor and the transmitter is not keyed. Tried 2 Tone and CWID which show activity on the TNC.
> Settings:
> Radio: IC-7200
> Icom adr: 76H using USB Digital
> Baud Rate matches the 7200 at 19200.
> PTT Port CI-V
> Anyone else using the 7200?
>
> 73;
> Chuck, WA7BRL
>
--
Dennis Gabler AAR7DG/W5DG
Adel, IA.
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75. VE7CRT First qso using v4 Chat. Contacted KB0FX in St. Louis MO.

Yahoo group: V4Protocol
Date: 2010-12-04 19:55:37 UTC
From: dpanaioti
Topic: 75 Message: 75

Because of unfamiliarity, my end of the qso was disjointed. I had the tendency to hit the "Enter" key when I wanted to go to the next line and ended up sending disjointed text. KB0FX was running 5 watts into a Carolina Windom and I ran 50 watts into my 135 ft. long Off-centre-fed dipole.There was qsb on the received signal and gaps in printing received signal.
Result was not too bad for a first effort.

73, Deme, VE7CRT.

76. Unhandled exception

Yahoo group: V4Protocol
Date: 2010-12-04 19:57:56 UTC
From: w2ki
Topic: 76 Message: 76

Rick,

After I typed a few characters into the buffer to transmit and then backspaced to the beginning I got the following Unhandled Exception.

Length cannot be less than zero.
Parameter name: length.

(Win XP Pro)
John W2KI

Debugging info:

See the end of this message for details on invoking
just-in-time (JIT) debugging instead of this dialog box.

********** Exception Text **********
System.ArgumentOutOfRangeException: Length cannot be less than zero.
Parameter name: length
at System.String.InternalSubStringWithChecks(Int32 startIndex, Int32 length, Boolean fAlwaysCopy)
at System.String.Substring(Int32 startIndex, Int32 length)
at V4Chat.Main.rtbSend_TextChanged1(Object sender, EventArgs e)
at System.Windows.Forms.Control.OnTextChanged(EventArgs e)
at System.Windows.Forms.TextBoxBase.OnTextChanged(EventArgs e)
at System.Windows.Forms.TextBoxBase.WmReflectCommand(Message& m)
at System.Windows.Forms.TextBoxBase.WndProc(Message& m)
at System.Windows.Forms.RichTextBox.WmReflectCommand(Message& m)
at System.Windows.Forms.RichTextBox.WndProc(Message& m)
at System.Windows.Forms.Control.ControlNativeWindow.OnMessage(Message& m)
at System.Windows.Forms.Control.ControlNativeWindow.WndProc(Message& m)
at System.Windows.Forms.NativeWindow.Callback(IntPtr hWnd, Int32 msg, IntPtr wparam, IntPtr lparam)

********** Loaded Assemblies **********
mscorlib
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.3615 (GDR.050727-3600)
CodeBase: file:///c:/windows/Microsoft.NET/Framework/v2.0.50727/mscorlib.dll
----
V4Chat
Assembly Version: 0.1.1.0
Win32 Version: 0.1.1.0
CodeBase: file:///C:/Ham/V4%20Chat/V4Chat.exe

Microsoft.VisualBasic

```
Assembly Version: 8.0.0.0
Win32 Version: 8.0.50727.3053 (netfxsp.050727-3000)
CodeBase: file:///C:/windows/assembly/GAC_MSIL/Microsoft.VisualBasic/8.0.0.0__b03f5f7f11d5
0a3a/Microsoft.VisualBasic.dll
----------------------------------------
System
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.3614 (GDR.050727-3600)
CodeBase: file:///C:/windows/assembly/GAC_MSIL/System/2.0.0.0__b77a5c561934e089/System.dll
----------------------------------------
System.Windows.Forms
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
CodeBase: file:///C:/windows/assembly/GAC_MSIL/System.Windows.Forms/2.0.0.0__b77a5c561934e
089/System.Windows.Forms.dll
----------------------------------------
System.Drawing
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
CodeBase: file:///C:/windows/assembly/GAC_MSIL/System.Drawing/2.0.0.0__b03f5f7f11d50a3a/Sy
stem.Drawing.dll
----------------------------------------
System.Runtime.Remoting
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
CodeBase: file:///C:/windows/assembly/GAC_MSIL/System.Runtime.Remoting/2.0.0.0__b77a5c5619
34e089/System.Runtime.Remoting.dll
----------------------------------------
nsoftware.IPWorks
Assembly Version: 8.0.3120.0
Win32 Version: 8.0.3120.0
CodeBase: file:///C:/Ham/V4%20Chat/nsoftware.IPWorks.DLL
----------------------------------------
System.Configuration
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
CodeBase: file:///C:/windows/assembly/GAC_MSIL/System.Configuration/2.0.0.0__b03f5f7f11d50
a3a/System.Configuration.dll
----------------------------------------
System.Web
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.3618 (GDR.050727-3600)
CodeBase:
file:///C:/windows/assembly/GAC_32/System.Web/2.0.0.0__b03f5f7f11d50a3a/System.Web.dll
----------------------------------------
System.Xml
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.3082 (QFE.050727-3000)
CodeBase:
file:///C:/windows/assembly/GAC_MSIL/System.Xml/2.0.0.0__b77a5c561934e089/System.Xml.dll
```

```
---------------------------------------
nsoftware.System
Assembly Version: 2.0.2819.0
Win32 Version: 2.0.2819.0
CodeBase: file:///C:/Ham/V4%20Chat/nsoftware.System.DLL
---------------------------------------
Microsoft.DirectX.DirectSound
Assembly Version: 1.0.2902.0
Win32 Version: 5.04.00.2904
CodeBase: file:///C:/Ham/V4%20Chat/Microsoft.DirectX.DirectSound.DLL
---------------------------------------
Microsoft.DirectX
Assembly Version: 1.0.2902.0
Win32 Version: 5.04.00.2904
CodeBase: file:///C:/Ham/V4%20Chat/Microsoft.DirectX.DLL
---------------------------------------

************** JIT Debugging **************
To enable just-in-time (JIT) debugging, the .config file for this
application or computer (machine.config) must have the
jitDebugging value set in the system.windows.forms section.
The application must also be compiled with debugging
enabled.

For example:

<configuration>
<system.windows.forms jitDebugging="true" />
</configuration>

When JIT debugging is enabled, any unhandled exception
will be sent to the JIT debugger registered on the computer
rather than be handled by this dialog box.
```

77. Re: Unhandled exception

Yahoo group: V4Protocol
Date: 2010-12-04 20:00:33 UTC
From: kb0fx
Topic: 76 Message: 77

John - Seeing the same thing here. Mike KB0FX

--- In V4Protocol@yahoogroups.com, "w2ki" <w2ki@...> wrote:
>
> Rick,
>
> After I typed a few characters into the buffer to transmit and then backspaced to the beginning I got the following Unhandled Exception.
>
> Length cannot be less than zero.
> Parameter name: length.
>
> (Win XP Pro)
> John W2KI
> ---------------
> Debugging info:
>
> See the end of this message for details on invoking
> just-in-time (JIT) debugging instead of this dialog box.
>
> ************** Exception Text **************
> System.ArgumentOutOfRangeException: Length cannot be less than zero.
> Parameter name: length
> at System.String.InternalSubStringWithChecks(Int32 startIndex, Int32 length, Boolean fAlwaysCopy)
> at System.String.Substring(Int32 startIndex, Int32 length)
> at V4Chat.Main.rtbSend_TextChanged1(Object sender, EventArgs e)
> at System.Windows.Forms.Control.OnTextChanged(EventArgs e)
> at System.Windows.Forms.TextBoxBase.OnTextChanged(EventArgs e)
> at System.Windows.Forms.TextBoxBase.WmReflectCommand(Message& m)
> at System.Windows.Forms.TextBoxBase.WndProc(Message& m)
> at System.Windows.Forms.RichTextBox.WmReflectCommand(Message& m)
> at System.Windows.Forms.RichTextBox.WndProc(Message& m)
> at System.Windows.Forms.Control.ControlNativeWindow.OnMessage(Message& m)
> at System.Windows.Forms.Control.ControlNativeWindow.WndProc(Message& m)
> at System.Windows.Forms.NativeWindow.Callback(IntPtr hWnd, Int32 msg, IntPtr wparam, IntPtr lparam)
>
>
> ************** Loaded Assemblies **************
> mscorlib
> Assembly Version: 2.0.0.0
> Win32 Version: 2.0.50727.3615 (GDR.050727-3600)
> CodeBase: file:///c:/windows/Microsoft.NET/Framework/v2.0.50727/mscorlib.dll
> --

```
> V4Chat
> Assembly Version: 0.1.1.0
> Win32 Version: 0.1.1.0
> CodeBase: file:///C:/Ham/V4%20Chat/V4Chat.exe
> ----------------------------------------
> Microsoft.VisualBasic
> Assembly Version: 8.0.0.0
> Win32 Version: 8.0.50727.3053 (netfxsp.050727-3000)
> CodeBase: file:///C:/windows/assembly/GAC_MSIL/Microsoft.VisualBasic/8.0.0.0__b03f5f7f11
d50a3a/Microsoft.VisualBasic.dll
> ----------------------------------------
> System
> Assembly Version: 2.0.0.0
> Win32 Version: 2.0.50727.3614 (GDR.050727-3600)
> CodeBase:
file:///C:/windows/assembly/GAC_MSIL/System/2.0.0.0__b77a5c561934e089/System.dll
> ----------------------------------------
> System.Windows.Forms
> Assembly Version: 2.0.0.0
> Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
> CodeBase: file:///C:/windows/assembly/GAC_MSIL/System.Windows.Forms/2.0.0.0__b77a5c56193
4e089/System.Windows.Forms.dll
> ----------------------------------------
> System.Drawing
> Assembly Version: 2.0.0.0
> Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
> CodeBase: file:///C:/windows/assembly/GAC_MSIL/System.Drawing/2.0.0.0__b03f5f7f11d50a3a/
System.Drawing.dll
> ----------------------------------------
> System.Runtime.Remoting
> Assembly Version: 2.0.0.0
> Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
> CodeBase: file:///C:/windows/assembly/GAC_MSIL/System.Runtime.Remoting/2.0.0.0__b77a5c56
1934e089/System.Runtime.Remoting.dll
> ----------------------------------------
> nsoftware.IPWorks
> Assembly Version: 8.0.3120.0
> Win32 Version: 8.0.3120.0
> CodeBase: file:///C:/Ham/V4%20Chat/nsoftware.IPWorks.DLL
> ----------------------------------------
> System.Configuration
> Assembly Version: 2.0.0.0
> Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
> CodeBase: file:///C:/windows/assembly/GAC_MSIL/System.Configuration/2.0.0.0__b03f5f7f11d
50a3a/System.Configuration.dll
> ----------------------------------------
> System.Web
> Assembly Version: 2.0.0.0
> Win32 Version: 2.0.50727.3618 (GDR.050727-3600)
> CodeBase:
```

```
file:///C:/windows/assembly/GAC_32/System.Web/2.0.0.0__b03f5f7f11d50a3a/System.Web.dll
> ----------------------------------------
> System.Xml
> Assembly Version: 2.0.0.0
> Win32 Version: 2.0.50727.3082 (QFE.050727-3000)
> CodeBase:
file:///C:/windows/assembly/GAC_MSIL/System.Xml/2.0.0.0__b77a5c561934e089/System.Xml.dll
> ----------------------------------------
> nsoftware.System
> Assembly Version: 2.0.2819.0
> Win32 Version: 2.0.2819.0
> CodeBase: file:///C:/Ham/V4%20Chat/nsoftware.System.DLL
> ----------------------------------------
> Microsoft.DirectX.DirectSound
> Assembly Version: 1.0.2902.0
> Win32 Version: 5.04.00.2904
> CodeBase: file:///C:/Ham/V4%20Chat/Microsoft.DirectX.DirectSound.DLL
> ----------------------------------------
> Microsoft.DirectX
> Assembly Version: 1.0.2902.0
> Win32 Version: 5.04.00.2904
> CodeBase: file:///C:/Ham/V4%20Chat/Microsoft.DirectX.DLL
> ----------------------------------------
>
> ************** JIT Debugging **************
> To enable just-in-time (JIT) debugging, the .config file for this
> application or computer (machine.config) must have the
> jitDebugging value set in the system.windows.forms section.
> The application must also be compiled with debugging
> enabled.
>
> For example:
>
> <configuration>
> <system.windows.forms jitDebugging="true" />
> </configuration>
>
> When JIT debugging is enabled, any unhandled exception
> will be sent to the JIT debugger registered on the computer
> rather than be handled by this dialog box.
>
```

78. Re: VE7CRT First qso using v4 Chat. Contacted KB0FX in St. Louis MO.

Yahoo group: V4Protocol
Date: 2010-12-04 20:09:28 UTC
From: kb0fx
Topic: 75 Message: 78

Deme - I am running about 25 watts. I had great copy on you. I believe the intention is to use V4Chat like text messaging on a cellphone meaning short messages back and forth. The challenge is to not transmit on top of each other when using FEC mode. It should also be possible to have a round table chat in FEC mode but everyone needs to take their turn. Hi Hi. I like the new mode already! Thanks for the first QSO! 73's Mike KB0FX.
--- In V4Protocol@yahoogroups.com, "dpanaioti" <deme@...> wrote:
>
> Because of unfamiliarity, my end of the qso was disjointed. I had the tendency to hit the "Enter" key when I wanted to go to the next line and ended up sending disjointed text.
> KB0FX was running 5 watts into a Carolina Windom and I ran 50 watts into my 135 ft. long Off-centre-fed dipole.There was qsb on the received signal and gaps in printing received signal.
> Result was not too bad for a first effort.
>
> 73, Deme, VE7CRT.
>

79. Re: [V4Protocol] VE7CRT First qso using v4 Chat. Contacted KB0FX in St. Louis MO.

Yahoo group: V4Protocol
Date: 2010-12-04 20:11:56 UTC
From: Fred G -w1wyc
Topic: 75 Message: 79

Hi Deme,

I copied you calling NC5O (I think that was the call) at 2000 UTC on 14108.3Mhz. Looked good. I'm using an FT-920 and OCF dipole at about 25 feet.
I'm having PTT problems so I couldn't respond. Rick is working the PTT problems.

Fred, W1WYC (FN42jm) near Boston

----- Original Message -----
From: dpanaioti
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 04, 2010 2:55 PM
Subject: [V4Protocol] VE7CRT First qso using v4 Chat. Contacted KB0FX in St. Louis MO.

Because of unfamiliarity, my end of the qso was disjointed. I had the tendency to hit the "Enter" key when I wanted to go to the next line and ended up sending disjointed text. KB0FX was running 5 watts into a Carolina Windom and I ran 50 watts into my 135 ft. long Off-centre-fed dipole.There was qsb on the received signal and gaps in printing received signal.
Result was not too bad for a first effort.

73, Deme, VE7CRT.

80. Re: [V4Protocol] Re: Unhandled exception

Yahoo group: V4Protocol
Date: 2010-12-04 20:17:17 UTC
From: Steinar Aanesland
Topic: 76 Message: 80

```
The same thing happens to me.

la5vna Steinar

On 04.12.2010 21:00, kb0fx wrote:
> John - Seeing the same thing here. Mike KB0FX
>
> --- In V4Protocol@yahoogroups.com, "w2ki" <w2ki@...> wrote:
>>
>> Rick,
>>
>> After I typed a few characters into the buffer to transmit and then
backspaced to the beginning I got the following Unhandled Exception.
>>
>> Length cannot be less than zero.
>> Parameter name: length.
>>
>> (Win XP Pro)
>> John W2KI
>> ---------------
>> Debugging info:
>>
>> See the end of this message for details on invoking
>> just-in-time (JIT) debugging instead of this dialog box.
>>
>> ************** Exception Text **************
>> System.ArgumentOutOfRangeException: Length cannot be less than zero.
>> Parameter name: length
>> at System.String.InternalSubStringWithChecks(Int32 startIndex,
Int32 length, Boolean fAlwaysCopy)
>> at System.String.Substring(Int32 startIndex, Int32 length)
>> at V4Chat.Main.rtbSend_TextChanged1(Object sender, EventArgs e)
>> at System.Windows.Forms.Control.OnTextChanged(EventArgs e)
>> at System.Windows.Forms.TextBoxBase.OnTextChanged(EventArgs e)
>> at System.Windows.Forms.TextBoxBase.WmReflectCommand(Message& m)
>> at System.Windows.Forms.TextBoxBase.WndProc(Message& m)
>> at System.Windows.Forms.RichTextBox.WmReflectCommand(Message& m)
>> at System.Windows.Forms.RichTextBox.WndProc(Message& m)
>> at
System.Windows.Forms.Control.ControlNativeWindow.OnMessage(Message& m)
>> at
System.Windows.Forms.Control.ControlNativeWindow.WndProc(Message& m)
>> at System.Windows.Forms.NativeWindow.Callback(IntPtr hWnd, Int32
msg, IntPtr wparam, IntPtr lparam)
>>
```

```
>>
>> ************** Loaded Assemblies **************
>> mscorlib
>> Assembly Version: 2.0.0.0
>> Win32 Version: 2.0.50727.3615 (GDR.050727-3600)
>> CodeBase:
file:///c:/windows/Microsoft.NET/Framework/v2.0.50727/mscorlib.dll
>> ----------------------------------------
>> V4Chat
>> Assembly Version: 0.1.1.0
>> Win32 Version: 0.1.1.0
>> CodeBase: file:///C:/Ham/V4%20Chat/V4Chat.exe
>> ----------------------------------------
>> Microsoft.VisualBasic
>> Assembly Version: 8.0.0.0
>> Win32 Version: 8.0.50727.3053 (netfxsp.050727-3000)
>> CodeBase:
file:///C:/windows/assembly/GAC_MSIL/Microsoft.VisualBasic/8.0.0.0__b03f5f7f11d50a3a/Micro
soft.VisualBasic.dll
>> ----------------------------------------
>> System
>> Assembly Version: 2.0.0.0
>> Win32 Version: 2.0.50727.3614 (GDR.050727-3600)
>> CodeBase:
file:///C:/windows/assembly/GAC_MSIL/System/2.0.0.0__b77a5c561934e089/System.dll
>> ----------------------------------------
>> System.Windows.Forms
>> Assembly Version: 2.0.0.0
>> Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
>> CodeBase:
file:///C:/windows/assembly/GAC_MSIL/System.Windows.Forms/2.0.0.0__b77a5c561934e089/System
.Windows.Forms.dll
>> ----------------------------------------
>> System.Drawing
>> Assembly Version: 2.0.0.0
>> Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
>> CodeBase:
file:///C:/windows/assembly/GAC_MSIL/System.Drawing/2.0.0.0__b03f5f7f11d50a3a/System.Drawi
ng.dll
>> ----------------------------------------
>> System.Runtime.Remoting
>> Assembly Version: 2.0.0.0
>> Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
>> CodeBase:
file:///C:/windows/assembly/GAC_MSIL/System.Runtime.Remoting/2.0.0.0__b77a5c561934e089/Sys
tem.Runtime.Remoting.dll
>> ----------------------------------------
>> nsoftware.IPWorks
>> Assembly Version: 8.0.3120.0
>> Win32 Version: 8.0.3120.0
```

```
>> CodeBase: file:///C:/Ham/V4%20Chat/nsoftware.IPWorks.DLL
>> ----------------------------------------
>> System.Configuration
>> Assembly Version: 2.0.0.0
>> Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
>> CodeBase:
file:///C:/windows/assembly/GAC_MSIL/System.Configuration/2.0.0.0__b03f5f7f11d50a3a/System
.Configuration.dll
>> ----------------------------------------
>> System.Web
>> Assembly Version: 2.0.0.0
>> Win32 Version: 2.0.50727.3618 (GDR.050727-3600)
>> CodeBase:
file:///C:/windows/assembly/GAC_32/System.Web/2.0.0.0__b03f5f7f11d50a3a/System.Web.dll
>> ----------------------------------------
>> System.Xml
>> Assembly Version: 2.0.0.0
>> Win32 Version: 2.0.50727.3082 (QFE.050727-3000)
>> CodeBase:
file:///C:/windows/assembly/GAC_MSIL/System.Xml/2.0.0.0__b77a5c561934e089/System.Xml.dll
>> ----------------------------------------
>> nsoftware.System
>> Assembly Version: 2.0.2819.0
>> Win32 Version: 2.0.2819.0
>> CodeBase: file:///C:/Ham/V4%20Chat/nsoftware.System.DLL
>> ----------------------------------------
>> Microsoft.DirectX.DirectSound
>> Assembly Version: 1.0.2902.0
>> Win32 Version: 5.04.00.2904
>> CodeBase: file:///C:/Ham/V4%20Chat/Microsoft.DirectX.DirectSound.DLL
>> ----------------------------------------
>> Microsoft.DirectX
>> Assembly Version: 1.0.2902.0
>> Win32 Version: 5.04.00.2904
>> CodeBase: file:///C:/Ham/V4%20Chat/Microsoft.DirectX.DLL
>> ----------------------------------------
>>
>> ************** JIT Debugging **************
>> To enable just-in-time (JIT) debugging, the .config file for this
>> application or computer (machine.config) must have the
>> jitDebugging value set in the system.windows.forms section.
>> The application must also be compiled with debugging
>> enabled.
>>
>> For example:
>>
>> <configuration>
>> <system.windows.forms jitDebugging="true" />
>> </configuration>
>>
```

>> When JIT debugging is enabled, any unhandled exception
>> will be sent to the JIT debugger registered on the computer
>> rather than be handled by this dialog box.
>>
>
>
>

81. Double-Mor

Yahoo group: V4Protocol
Date: 2010-12-04 20:34:21 UTC
From: Andy obrien
Topic: 81 Message: 81

It is probably not what Rick wanted to hear, but I have configured RMS Winmor and the alpha version of V4 Protocol to run simultaneously on my PC and , partially, on my rig. So, wherever my RMS Server is, I have V4 ready and can switch to FEC V4 mode if needed (I just click my mouse on my audio routing software to facilitate VOX for V4 at the moment). So, most of the evening I will be on 7077.1 USB (dial), check the RMS Status site. for my frequencies

Andy K3UK

82. Re: VE7CRT First qso using v4 Chat. Contacted KB0FX in St. Louis MO.

Yahoo group: V4Protocol
Date: 2010-12-04 20:34:34 UTC
From: dpanaioti
Topic: 75 Message: 82

--- In V4Protocol@yahoogroups.com, "Fred G -w1wyc" <f_garside@...> wrote:
>
> Hi Deme,
>
> I copied you calling NC5O (I think that was the call) at 2000 UTC on 14108.3Mhz. Looked good. I'm using an FT-920 and OCF dipole at about 25 feet.
> I'm having PTT problems so I couldn't respond. Rick is working the PTT problems.
>
> Fred, W1WYC (FN42jm) near Boston
>
> ----- Original Message -----
> From: dpanaioti
> To: V4Protocol@yahoogroups.com
> Sent: Saturday, December 04, 2010 2:55 PM
> Subject: [V4Protocol] VE7CRT First qso using v4 Chat. Contacted KB0FX in St. Louis MO.
>
>
>
> Because of unfamiliarity, my end of the qso was disjointed. I had the tendency to hit the "Enter" key when I wanted to go to the next line and ended up sending disjointed text.
> KB0FX was running 5 watts into a Carolina Windom and I ran 50 watts into my 135 ft. long Off-centre-fed dipole.There was qsb on the received signal and gaps in printing received signal.
> Result was not too bad for a first effort.
>
> 73, Deme, VE7CRT.
>
To Fred w1wyc>
Thanks for the info Fred. I heard NC5O sending 'testing' or some such thing and I called him. No response from him.
Lots to learn about this new mode!
73, Deme VE7CRT.

83. Re: [V4Protocol] Re: Unhandled exception

Yahoo group: V4Protocol
Date: 2010-12-04 20:48:28 UTC
From: Rick Muething
Topic: 76 Message: 83

Yes I found that too. For now you can't hit the backspace if there is no text behind the cursor. I should have that fixed on the next rev.

Note once you hit return all the data after the prior return is sent. Data is not sent (into the output buffer) until a return is sent.

Rick KN6KB

From: Steinar Aanesland
Sent: Saturday, December 04, 2010 3:17 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Unhandled exception

The same thing happens to me.

la5vna Steinar

On 04.12.2010 21:00, kb0fx wrote:
> John - Seeing the same thing here. Mike KB0FX
>
> --- In mailto:V4Protocol%40yahoogroups.com, "w2ki" <w2ki@...> wrote:
>>
>> Rick,
>>
>> After I typed a few characters into the buffer to transmit and then backspaced to the beginning I got the following Unhandled Exception.
>>
>> Length cannot be less than zero.
>> Parameter name: length.
>>
>> (Win XP Pro)
>> John W2KI
>> ---------------
>> Debugging info:
>>
>> See the end of this message for details on invoking
>> just-in-time (JIT) debugging instead of this dialog box.
>>
>> ************** Exception Text **************
>> System.ArgumentOutOfRangeException: Length cannot be less than zero.
>> Parameter name: length
>> at System.String.InternalSubStringWithChecks(Int32 startIndex, Int32 length, Boolean fAlwaysCopy)
>> at System.String.Substring(Int32 startIndex, Int32 length)
>> at V4Chat.Main.rtbSend_TextChanged1(Object sender, EventArgs e)
>> at System.Windows.Forms.Control.OnTextChanged(EventArgs e)

```
>> at System.Windows.Forms.TextBoxBase.OnTextChanged(EventArgs e)
>> at System.Windows.Forms.TextBoxBase.WmReflectCommand(Message& m)
>> at System.Windows.Forms.TextBoxBase.WndProc(Message& m)
>> at System.Windows.Forms.RichTextBox.WmReflectCommand(Message& m)
>> at System.Windows.Forms.RichTextBox.WndProc(Message& m)
>> at
System.Windows.Forms.Control.ControlNativeWindow.OnMessage(Message& m)
>> at
System.Windows.Forms.Control.ControlNativeWindow.WndProc(Message& m)
>> at System.Windows.Forms.NativeWindow.Callback(IntPtr hWnd, Int32
msg, IntPtr wparam, IntPtr lparam)
>>
>>
>> ************** Loaded Assemblies **************
>> mscorlib
>> Assembly Version: 2.0.0.0
>> Win32 Version: 2.0.50727.3615 (GDR.050727-3600)
>> CodeBase:
file:///c:/windows/Microsoft.NET/Framework/v2.0.50727/mscorlib.dll
>> ----------------------------------------
>> V4Chat
>> Assembly Version: 0.1.1.0
>> Win32 Version: 0.1.1.0
>> CodeBase: file:///C:/Ham/V4%20Chat/V4Chat.exe
>> ----------------------------------------
>> Microsoft.VisualBasic
>> Assembly Version: 8.0.0.0
>> Win32 Version: 8.0.50727.3053 (netfxsp.050727-3000)
>> CodeBase:
file:///C:/windows/assembly/GAC_MSIL/Microsoft.VisualBasic/8.0.0.0__b03f5f7f11d50a3a/Micro
soft.VisualBasic.dll
>> ----------------------------------------
>> System
>> Assembly Version: 2.0.0.0
>> Win32 Version: 2.0.50727.3614 (GDR.050727-3600)
>> CodeBase:
file:///C:/windows/assembly/GAC_MSIL/System/2.0.0.0__b77a5c561934e089/System.dll
>> ----------------------------------------
>> System.Windows.Forms
>> Assembly Version: 2.0.0.0
>> Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
>> CodeBase:
file:///C:/windows/assembly/GAC_MSIL/System.Windows.Forms/2.0.0.0__b77a5c561934e089/System
.Windows.Forms.dll
>> ----------------------------------------
>> System.Drawing
>> Assembly Version: 2.0.0.0
>> Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
>> CodeBase:
file:///C:/windows/assembly/GAC_MSIL/System.Drawing/2.0.0.0__b03f5f7f11d50a3a/System.Drawi
```

```
ng.dll
>> ----------------------------------------
>> System.Runtime.Remoting
>> Assembly Version: 2.0.0.0
>> Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
>> CodeBase:
file:///C:/windows/assembly/GAC_MSIL/System.Runtime.Remoting/2.0.0.0__b77a5c561934e089/Sys
tem.Runtime.Remoting.dll
>> ----------------------------------------
>> nsoftware.IPWorks
>> Assembly Version: 8.0.3120.0
>> Win32 Version: 8.0.3120.0
>> CodeBase: file:///C:/Ham/V4%20Chat/nsoftware.IPWorks.DLL
>> ----------------------------------------
>> System.Configuration
>> Assembly Version: 2.0.0.0
>> Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
>> CodeBase:
file:///C:/windows/assembly/GAC_MSIL/System.Configuration/2.0.0.0__b03f5f7f11d50a3a/System
.Configuration.dll
>> ----------------------------------------
>> System.Web
>> Assembly Version: 2.0.0.0
>> Win32 Version: 2.0.50727.3618 (GDR.050727-3600)
>> CodeBase:
file:///C:/windows/assembly/GAC_32/System.Web/2.0.0.0__b03f5f7f11d50a3a/System.Web.dll
>> ----------------------------------------
>> System.Xml
>> Assembly Version: 2.0.0.0
>> Win32 Version: 2.0.50727.3082 (QFE.050727-3000)
>> CodeBase:
file:///C:/windows/assembly/GAC_MSIL/System.Xml/2.0.0.0__b77a5c561934e089/System.Xml.dll
>> ----------------------------------------
>> nsoftware.System
>> Assembly Version: 2.0.2819.0
>> Win32 Version: 2.0.2819.0
>> CodeBase: file:///C:/Ham/V4%20Chat/nsoftware.System.DLL
>> ----------------------------------------
>> Microsoft.DirectX.DirectSound
>> Assembly Version: 1.0.2902.0
>> Win32 Version: 5.04.00.2904
>> CodeBase: file:///C:/Ham/V4%20Chat/Microsoft.DirectX.DirectSound.DLL
>> ----------------------------------------
>> Microsoft.DirectX
>> Assembly Version: 1.0.2902.0
>> Win32 Version: 5.04.00.2904
>> CodeBase: file:///C:/Ham/V4%20Chat/Microsoft.DirectX.DLL
>> ----------------------------------------
>>
>> ************** JIT Debugging **************
>> To enable just-in-time (JIT) debugging, the .config file for this
```

```
>> application or computer (machine.config) must have the
>> jitDebugging value set in the system.windows.forms section.
>> The application must also be compiled with debugging
>> enabled.
>>
>> For example:
>>
>> <configuration>
>> <system.windows.forms jitDebugging="true" />
>> </configuration>
>>
>> When JIT debugging is enabled, any unhandled exception
>> will be sent to the JIT debugger registered on the computer
>> rather than be handled by this dialog box.
>>
>
>
>
```

84. Re: [V4Protocol] Re: VE7CRT First qso using v4 Chat. Contacted KB0FX in St. Louis MO.

Yahoo group: V4Protocol
Date: 2010-12-04 20:52:16 UTC
From: Rick Muething
Topic: 75 Message: 84

Yes I am aware of the possibility of doubling...That can be fixed or at least reduced possibility using a random minimum hold off delay (holds of so many ms after the channel goes clear). Those are finer points we'll get to.

I'm just happy right now it installed OK and at least some (with VOX) are having some success. These initial bugs will be pretty easy to squash.

Rick KN6KB

From: kb0fx
Sent: Saturday, December 04, 2010 3:09 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: VE7CRT First qso using v4 Chat. Contacted KB0FX in St. Louis MO.

Deme - I am running about 25 watts. I had great copy on you. I believe the intention is to use V4Chat like text messaging on a cellphone meaning short messages back and forth. The challenge is to not transmit on top of each other when using FEC mode. It should also be possible to have a round table chat in FEC mode but everyone needs to take their turn. Hi Hi. I like the new mode already! Thanks for the first QSO! 73's Mike KB0FX.
--- In mailto:V4Protocol%40yahoogroups.com, "dpanaioti" <deme@...> wrote:
>
> Because of unfamiliarity, my end of the qso was disjointed. I had the tendency to hit the "Enter" key when I wanted to go to the next line and ended up sending disjointed text.
> KB0FX was running 5 watts into a Carolina Windom and I ran 50 watts into my 135 ft. long Off-centre-fed dipole.There was qsb on the received signal and gaps in printing received signal.
> Result was not too bad for a first effort.
>
> 73, Deme, VE7CRT.
>

85. TNC window does not hold screen position

Yahoo group: V4Protocol
Date: 2010-12-04 20:58:18 UTC
From: w2ki
Topic: 85 Message: 85

Rick,

Minor stuff, but just something to put far down on the list.

If you move the TNC window it does not hold its position when you stop and restart Chat.

Win XP SP3

John W2KI

86. Registration

Yahoo group: V4Protocol
Date: 2010-12-04 21:11:37 UTC
From: jcglt
Topic: 86 Message: 86

What will be the procedure to registrate to V4, something similar to RMS Express ?
It seems that V4 has made a nice and fast start.
jcglt - FK8IH

87. Re: [V4Protocol] Registration

Yahoo group: V4Protocol
Date: 2010-12-04 21:14:42 UTC
From: Rick Muething
Topic: 86 Message: 87

The registration is not on line yet...for the near term just put up with the “nag”.

Rick

From: jcglt
Sent: Saturday, December 04, 2010 4:11 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Registration

What will be the procedure to registrate to V4, something similar to RMS Express ?
It seems that V4 has made a nice and fast start.
jcglt - FK8IH

88. Copy call to log

Yahoo group: V4Protocol
Date: 2010-12-04 21:15:11 UTC
From: Russell Blair
Topic: 88 Message: 88

From the recivie window tag the call and do a (Shift-C) and then in the log blank location do a right click to bring up the log entry and put the call in the call location with a (Shift-V) that will log the call and the date & time and then you can add the rest.
It works for me .

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457

89. OK WHAT ELSE?

Yahoo group: V4Protocol
Date: 2010-11-06 21:17:55 UTC
From: Ed Woods WD9DVA
Topic: 89 Message: 89

We downloaded and installed the software. Got a Sound ard TNC & waterfall. Put that in hide and have a screen V4 Chat Ver 0110. We set this in the HAM mode only. If I knew a freq to go to, whats next? We have not EVER mess with the keyboard, other than pactor. You guys mention typing at 50-60 wpm, your kidding. Tried the CW ID thought it might xmitt a signal. It didn't, but we heard the id and also the tone test. Our interface is rigblaster plus. Will that be an issue? Whats freqs are used. We set this up as we did RMS Winmor, that works. Please give me some guide lines like "V 4 for Dummies". 73 Ed WD9DVA
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 04, 2010 20:52
Subject: Re: [V4Protocol] Re: VE7CRT First qso using v4 Chat. Contacted KB0FX in St. Louis MO.

Yes I am aware of the possibility of doubling...That can be fixed or at least reduced possibility using a random minimum hold off delay (holds of so many ms after the channel goes clear). Those are finer points we'll get to.

I'm just happy right now it installed OK and at least some (with VOX) are having some success. These initial bugs will be pretty easy to squash.

Rick KN6KB

From: kb0fx
Sent: Saturday, December 04, 2010 3:09 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: VE7CRT First qso using v4 Chat. Contacted KB0FX in St. Louis MO.

Deme - I am running about 25 watts. I had great copy on you. I believe the intention is to use V4Chat like text messaging on a cellphone meaning short messages back and forth. The challenge is to not transmit on top of each other when using FEC mode. It should also be possible to have a round table chat in FEC mode but everyone needs to take their turn. Hi Hi. I like the new mode already! Thanks for the first QSO! 73's Mike KB0FX.
--- In mailto:V4Protocol%40yahoogroups.com, "dpanaioti" <deme@...> wrote:
>
> Because of unfamiliarity, my end of the qso was disjointed. I had the tendency to hit the "Enter" key when I wanted to go to the next line and ended up sending disjointed text.
> KB0FX was running 5 watts into a Carolina Windom and I ran 50 watts into my 135 ft. long Off-centre-fed dipole.There was qsb on the received signal and gaps in printing received signal.
> Result was not too bad for a first effort.
>
> 73, Deme, VE7CRT.
>

90. Clicking on contact entry changes IC-7000 filter selection

Yahoo group: V4Protocol
Date: 2010-12-04 21:35:07 UTC
From: w2ki
Topic: 90 Message: 90

Rick,

Another small one for far down the list.

V4Chat 0.1.1.0

Radio: Icom IC-7000 with filter SSB-1 selected (in my case 500Hz).
Click on an entry in the contacts list and in addition to the radio's frequency being changed to that listed in the entry, the filter selection gets changed to SSB-2 (and whatever bandwidth you've set for that filter).

Same occurs if you have SSB-3 (typically wide) set and you click on a contact entry. Filter changes to SSB-2. If you have previously selected SSB-2 on the radio and click a list entry the filter is not changed.

I haven't made up my mind how useful the forced frequency change will be, but please don't change my filter selection.

Thanks.
73, John W2KI

91. Re: [V4Protocol] OK WHAT ELSE?

Yahoo group: V4Protocol
Date: 2010-12-04 21:38:20 UTC
From: Andy obrien
Topic: 89 Message: 91

Ed, start with the assumption you are setting things up correctly BUT PTT is not working for most of us. First, change the mode to "FEC", set your rig to VOX, then send the CW ID. If that goes out to the world, then type a CQ message in the lower-right hand window, hit enter and it will send. To get fancy, click on USER FILE and create a small test CW message as a .txt file or even a small brag file. That way, you can at least send CQ without having to type it each time.

ANdy K3UK

On Sat, Nov 6, 2010 at 5:17 PM, Ed Woods WD9DVA <wd9dva@...>wrote:

>
>
> □
> We downloaded and installed the software. Got a Sound ard TNC & waterfall.
> Put that in hide and have a screen V4 Chat Ver 0110. We set this in the HAM
> mode only. If I knew a freq to go to, whats next? We have not EVER mess with
> the keyboard, other than pactor. You guys mention typing at 50-60 wpm, your
> kidding. Tried the CW ID thought it might xmitt a signal. It didn't, but we
> heard the id and also the tone test. Our interface is rigblaster plus. Will
> that be an issue? Whats freqs are used. We set this up as we did RMS Winmor,
> that works. Please give me some guide lines like "V 4 for Dummies". 73 Ed
> WD9DVA
>
>

92. The copy to log didnt work Sri

Yahoo group: V4Protocol
Date: 2010-12-04 21:58:30 UTC
From: Russell Blair
Topic: 92 Message: 92

I tryed it latter and it didnt work Sri

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457

93. PTT

Yahoo group: V4Protocol
Date: 2010-12-04 22:00:36 UTC
From: RobertR
Topic: 93 Message: 93

Seems to be the same problems as others. I have a TS-2000, MicroHam III interface. Set V4 software Radio control Com 5 RTS, PTT Com 7 RTS. Have tried everything VOX on, VOX off. every com setting available. I have watched a couple of QSO's on 14.073 but can't get my rig to key.

Absolutely incredible mode....can't wait to get some advise on what else I need to do.

Don
KA5DON
Mississippi

94. moving from 14073 to 18075

Yahoo group: V4Protocol
Date: 2010-12-04 22:03:35 UTC
From: Russell Blair
Topic: 94 Message: 94

I have moved to get away from all the QRM and then might move to 30m later.

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457

95. Re: [V4Protocol] moving from 14073 to 18075

Yahoo group: V4Protocol
Date: 2010-12-04 22:10:20 UTC
From: Andy obrien
Topic: 94 Message: 95

WARC bands may be a good idea, will look for you on 17M

On Sat, Dec 4, 2010 at 5:03 PM, Russell Blair <russell_blair86@...>wrote:

>
>
> I have moved to get away from all the QRM and then might move to 30m later.
>
> Russell NC5O
> " IN GOD WE TRUST "
>
> Russell Blair (NC5O)
> Skype-Russell.Blair
> Hell Field #300
> DRCC #55
> 30m Dig-group #693
> Digital Mode Club #03198
> BARTG #8457
>
>
>

96. Re: [V4Protocol] PTT with a TS2000 and MK

Yahoo group: V4Protocol
Date: 2010-12-04 22:13:03 UTC
From: Andy obrien
Topic: 96 Message: 96

With you device router software, choose a audio route that goes via the MIC,
not the ACC2 and VOX will work. CCC setting works for me and my TS-2000
plus MK
Andy K3UK

On Sat, Dec 4, 2010 at 5:00 PM, RobertR <don.rand@gmail.com> wrote:

>
>
> Seems to be the same problems as others. I have a TS-2000, MicroHam III
> interface. Set V4 software Radio control Com 5 RTS, PTT Com 7 RTS. Have
> tried everything VOX on, VOX off. every com setting available. I have
> watched a couple of QSO's on 14.073 but can't get my rig to key.
>
> Absolutely incredible mode....can't wait to get some advise on what else I
> need to do.
>
> Don
> KA5DON
> Mississippi
>
>
>

97. RE: No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 22:14:53 UTC
From: Ken Mitchell
Topic: 51 Message: 97

Same PTT issue here:

Setup as WINMOR
Kenwood TS-2000
PTT via a dedicated serial control port using the RTS or DTR signals, COM4 Rig control and COM6 PTT.

73,
Ken KD2KW

98. Sending a test message on 18075 V4

Yahoo group: V4Protocol
Date: 2010-12-04 22:19:06 UTC
From: Russell Blair
Topic: 98 Message: 98

" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457

99. Re: [V4Protocol] FIRST HEARD

Yahoo group: V4Protocol
Date: 2010-12-04 22:22:34 UTC
From: Hoby KK8G
Topic: 99 Message: 99

Just got the pgm loaded and turned it on. K5HB was sending CQ. Now to get the K'wood 450 to transmit.
Hoby KK8G

100. Moved from 17m to 30m

Yahoo group: V4Protocol
Date: 2010-12-04 22:27:03 UTC
From: Russell Blair
Topic: 100 Message: 100

It looks like 17m is gone so I have moved to 10.131.o for now sending the test message

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457

101. Re: [V4Protocol] RE: No PTT

Yahoo group: V4Protocol
Date: 2010-12-04 22:38:30 UTC
From: Andy obrien
Topic: 51 Message: 101

TRy VOX, and use MIC rather than ACC2

On Sat, Dec 4, 2010 at 5:14 PM, Ken Mitchell <kd2kw@...> wrote:

>
>
> Same PTT issue here:
>
> Setup as WINMOR
> Kenwood TS-2000
> PTT via a dedicated serial control port using the RTS or DTR signals, COM4
> Rig control and COM6 PTT.
>
> 73,
> Ken KD2KW
>
>

102. Re: [V4Protocol] QSO anyone?

Yahoo group: V4Protocol
Date: 2010-12-04 23:00:57 UTC
From: David Bastress
Topic: 102 Message: 102

HI All,

Anyone up for a V4 qso on either 40 or 80 meters??

Dave K3GAU

103. Re: [V4Protocol] QSO anyone?

Yahoo group: V4Protocol
Date: 2010-12-04 23:08:24 UTC
From: Russell Blair
Topic: 102 Message: 103

look on 7080 now

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457

From: David Bastress <bastress@...>
To: V4Protocol@yahoogroups.com
Sent: Sat, December 4, 2010 5:00:57 PM
Subject: Re: [V4Protocol] QSO anyone?

HI All,

Anyone up for a V4 qso on either 40 or 80 meters??

Dave K3GAU

104. Re: [V4Protocol] QSO anyone?

Yahoo group: V4Protocol
Date: 2010-12-04 23:17:32 UTC
From: David Bastress
Topic: 102 Message: 104

HI Again<

I guess no takers at this time. Will be hanging around on 80 meters between 3582 and 3585 dial looking for a V4 CQ and trying to dodge the contest QRM.

Dave K3GAU

>>> "David Bastress" 12/04/10 6:01 PM >>>
HI All,

Anyone up for a V4 qso on either 40 or 80 meters??

Dave K3GAU

105. Rick hits another home run!

Yahoo group: V4Protocol
Date: 2010-12-04 23:34:48 UTC
From: Kent & Shirley
Topic: 105 Message: 105

Congratulations Rick this is way too cool! I had my first QSO within minutes of installing! This prog gave me an old feeling of once again being in control of things like I haven't experienced since directly connecting to different people all over the world using Packet on HF back in the 1980s! Just a marvelous feeling to have the freedom to move around the band and catch people where they are. Not a bit like the confines of psk31 ops!
Observations: 1. Easy install. My machine on Win 7 32-bit, even handled a buggered-up previous install of AVG that was still hanging. Despite the conflict I was eventually directed to restart and V4 went on slicker than snuff despite the conflict.
2. Nice help files!
3. No PTT for my Yaesu FT2000d yet, but it took about 10 seconds to turn on VOX and start a QSO. (I'm using dedicated com 1 set at 38.4 with both RTS and DTR on.) Com 5 is similarly set for rig control. I could bring up RMS Express and it worked just fine, as always, same setup.
4. Some keys like backspace returned an unhandled exception as others have already described.
5. No firewall problems.
6. I was amazed how I could shoe-horn myself between two giant piccolo playoffs near 14.072 and still get through. Kind of cool to be able to position your own waterfall and fine tune it to clear the QRM and be able to transmit/receive. If people can get used to making fine adjustments to their frequency to follow another station as he gently adjusts his transmit freek to avoid (QRM) as opposed to religiously sticking exactly to a Winlink node's input freek, for example, we could all find lots of places to work on any band, and have added flexibility to still be seen. I love not being stuck to any specific freek! Anywhere in the keyboard area, that's clear, should be a good place to operate. I don't advocate being tied to a certain place like all the PSK-ers are!
End of my vote---73 de Kent ad7hk--and congrats & thanks to Rick again for doing a super job!

106. Re: VE7CRT First qso using v4 Chat. Contacted KB0FX in St. Louis MO.

Yahoo group: V4Protocol
Date: 2010-12-04 23:36:38 UTC
From: dpanaioti
Topic: 75 Message: 106

Hi Mike,
You were my first qso also.
The only other digital keyboard mode I know is PSK. I wonder if the intent and format of V4 Chat will be similar?
The immediate question I have is: How does one erase the RX or the TX window without exiting the program? Am I missing something or does that facility exist at all at this stage?
73 Deme VE7CRT.
--- In V4Protocol@yahoogroups.com, "kb0fx" <mweilblinux@...> wrote:
>
> Deme - I am running about 25 watts. I had great copy on you. I believe the intention is to use V4Chat like text messaging on a cellphone meaning short messages back and forth. The challenge is to not transmit on top of each other when using FEC mode. It should also be possible to have a round table chat in FEC mode but everyone needs to take their turn. Hi Hi. I like the new mode already! Thanks for the first QSO! 73's Mike KB0FX.
> --- In V4Protocol@yahoogroups.com, "dpanaioti" <deme@> wrote:
> >
> > Because of unfamiliarity, my end of the qso was disjointed. I had the tendency to hit the "Enter" key when I wanted to go to the next line and ended up sending disjointed text.
> > KB0FX was running 5 watts into a Carolina Windom and I ran 50 watts into my 135 ft. long Off-centre-fed dipole.There was qsb on the received signal and gaps in printing received signal.
> > Result was not too bad for a first effort.
> >
> > 73, Deme, VE7CRT.
> >
>

107. Re: QSO anyone?

Yahoo group: V4Protocol
Date: 2010-12-04 23:56:46 UTC
From: kb0fx
Topic: 102 Message: 107

Dave - Move up to 35834 dial freq. Mike KB0FX.
--- In V4Protocol@yahoogroups.com, "David Bastress" <bastress@...> wrote:
>
> HI Again<
>
> I guess no takers at this time. Will be hanging around on 80 meters
> between 3582 and 3585 dial looking for a V4 CQ and trying to dodge the
> contest QRM.
>
> Dave K3GAU
>
>
> >>> "David Bastress" 12/04/10 6:01 PM >>>
> HI All,
>
> Anyone up for a V4 qso on either 40 or 80 meters??
>
> Dave K3GAU
>

108. VE7CRT Erasing text in Rx and Tx windows.

Yahoo group: V4Protocol
Date: 2010-12-05 00:10:54 UTC
From: dpanaioti
Topic: 108 Message: 108

In Rx window.- Highlight test to be erased then hit the Delete key on keyboard.
In Tx window.- Same as above but get 'Unhandled Exception' message. Click on 'Continue'

109. Re: FIRST HEARD

Yahoo group: V4Protocol
Date: 2010-12-05 00:23:57 UTC
From: Al
Topic: 99 Message: 109

Hi Hoby...

Did you get it to Xmit yet? I can't get my TS-2000 and Navigator interface to work with it even though WINMOR works like a champ...

Al/ W8AII/ AAT5DZ

--- In V4Protocol@yahoogroups.com, "Hoby KK8G" <kk8g@...> wrote:
>
> Just got the pgm loaded and turned it on. K5HB was sending CQ. Now to get the K'wood 450 to transmit.
> Hoby KK8G
>

110. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-05 00:26:09 UTC
From: Ron Wenig
Topic: 51 Message: 110

Rick,

I have no idea how but the PTT just started to work. You not only have a great program but it's magic :-)

I was on 7080 just playing around and waiting to hear a qso when I hit enter and I transmitted. Russ, NC5O, was on frequency and we chatted. Very cool and I'm not shutting off the computer so I don't loose the settings.

Ron ny3j

On 12/4/2010 1:55 PM, Rick Muething wrote:
>
> Ron,
> I am not going to try and tackle this for the flex until we get it
> fixed for the other radios. I think I picked up an old rev of the
> radio control class but it will take some digging to find out the real
> problem.
>
> Rick
> *From:* Ron Wenig <mailto:rwenig@...>
> *Sent:* Saturday, December 04, 2010 1:24 PM
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Subject:* Re: [V4Protocol] No PTT
>
> I have a Flex 3000 and I'm sorry for throwing a complicated setup to
> the group so early in the V4 Chat life.
>
> Same setup as RMS Express. I'm using Virtual Audio Cable which is
> working, at least I'm seeing the waterfall and get a green TNC.
>
> For PTT and Radio Control I'm using com0com which is working in RMS
> Express. Com 6 which translates to Com 16 for control and Com 7 which
> translate to Com 17 for PTT. RTS and DTR selected with 56K buad. I
> selected Flex for the radio. I don't see any errors in the logs.
>
> No PTT in two tone test or transmitting text.
>
> 73, Ron ny3j
>
> On 12/4/2010 1:11 PM, Dennis Gabler wrote:
>
>> In my case PTT is via COM port (USB->RS232) on COM10 both DTR and RTS
>> enabled.
>>

>> Rig is a TS-480, Express and RMS Winmor work to this rig with same
>> settings. If you need more info let me know.
>>
>>
>> On 12/4/2010 11:59 AM, Rick Muething wrote:
>>
>>> All,
>>> Those having PTT problems....YOU MUST explain which of the four
>>> possible PTT methods you are using and your setup.
>>> 1) PTT via VOX operated relay in the sound card interface (e.g.
>>> Signal Link)
>>> 2) PTT via VOX using the transmitter’s built in VOX tripped from the
>>> audio
>>> 3) PTT via a dedicated serial control port using the RTS or DTR
>>> signals (this might be through the sound card interface)
>>> 4) PTT via a serial command to the radio (supported on some radios)
>>> This is the same port that does radio frequency and mode control.
>>> I didn’t have the facilities here to check all these out.
>>> Rick KN6KB
>>> *From:* Andy obrien <mailto:k3ukandy@...>
>>> *Sent:* Saturday, December 04, 2010 12:40 PM
>>> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>>> *Subject:* [V4Protocol] No PTT
>>>
>>> Using the exact same settings that I use successfully with Winmor, I
>>> am not achieving any PTT with V4. Anyone else using a Kenwood
>>> TS-2000 and have PTT working. Nice to see a few stations testing on
>>> 14073 via the sked page
>>>
>>> Andy K3UK
>>>
>>
>>
>> --
>> Dennis Gabler AAR7DG/W5DG
>> Adel, IA.
>> http://army.iowamars.org
>> ICS 100, 200, 300, 400, 700, 800, and COML-T certified
>
>

111. Re: [V4Protocol] on 7080

Yahoo group: V4Protocol
Date: 2010-12-05 00:32:16 UTC
From: Chuck
Topic: 51 Message: 111

I got bits and pieces of NC5O and others on 7080 here in Western Washington. Running an IC-706 with the Signalink USB until the fix comes through for the IC-7200. Will be monitoring now to about 0600 Z for calls... 7080 Dial.
73;
Chuck, WA7BRL
CN87ut

112. Re: [V4Protocol] on 7080

Yahoo group: V4Protocol
Date: 2010-12-05 00:39:36 UTC
From: John Sweeney
Topic: 51 Message: 112

Have a Flex 5000A working for audio I/O, but still no PTT, so manual ptt for now. Monitoring 7.080 now.

N3WT

On 12/4/2010 7:32 PM, Chuck wrote:
>
> I got bits and pieces of NC5O and others on 7080 here in Western
> Washington. Running an IC-706 with the Signalink USB until the fix
> comes through for the IC-7200. Will be monitoring now to about 0600 Z
> for calls... 7080 Dial.
> 73;
> Chuck, WA7BRL
> CN87ut
>
>

113. Re: QSO anyone?

Yahoo group: V4Protocol
Date: 2010-12-05 00:51:18 UTC
From: n9dsj
Topic: 102 Message: 113

Hi Dave copied you fine,not sure why you had trouble decoding me...hard to tell. Worked Mike (KB0FX) later without issue. Using VOX to get around the ptt situation.

73,

Bill N9DSJ

--- In V4Protocol@yahoogroups.com, "David Bastress" <bastress@...> wrote:
>
> HI Again<
>
> I guess no takers at this time. Will be hanging around on 80 meters
> between 3582 and 3585 dial looking for a V4 CQ and trying to dodge the
> contest QRM.
>
> Dave K3GAU
>
>
> >>> "David Bastress" 12/04/10 6:01 PM >>>
> HI All,
>
> Anyone up for a V4 qso on either 40 or 80 meters??
>
> Dave K3GAU
>

114. Re: [V4Protocol] Re: VE7CRT First qso using v4 Chat. Contacted KB0FX in St. Louis MO.

Yahoo group: V4Protocol
Date: 2010-12-05 00:55:27 UTC
From: David Bastress
Topic: 75 Message: 114

GE to N9DSJ, KB0ZX and W4WEB,

I must have a problem here as I only copy about a third or less of what you guys are sending. I will get one frame and then the next 3 or 4 just show "Wait leader" and of course don't decode!! Then may be I will get another one. Anyway very spasmatic decoding here. Anybody else having this problem? I have sent Rick my TNC debug logs for him to look at.

Anyway, just wanted to let you guys know why I wasn't responding, etc.

Dave K3GAU

115. Re: [V4Protocol] Re: QSO anyone?

Yahoo group: V4Protocol
Date: 2010-12-05 00:57:23 UTC
From: David Bastress
Topic: 102 Message: 115

Bill,

Hope you read my just previously sent email.

Dave K3GAU

>>> "n9dsj" 12/04/10 7:51 PM >>>

Hi Dave copied you fine,not sure why you had trouble decoding me...hard
to tell. Worked Mike (KB0FX) later without issue. Using VOX to get
around the ptt situation.

73,

Bill N9DSJ

--- In V4Protocol@yahoogroups.com, "David Bastress" wrote:
>
> HI Again<
>
> I guess no takers at this time. Will be hanging around on 80 meters
> between 3582 and 3585 dial looking for a V4 CQ and trying to dodge the
> contest QRM.
>
> Dave K3GAU
>
>
> >>> "David Bastress" 12/04/10 6:01 PM >>>
> HI All,
>
> Anyone up for a V4 qso on either 40 or 80 meters??
>
> Dave K3GAU
>

116. Re: [V4Protocol] Re: FIRST HEARD

Yahoo group: V4Protocol
Date: 2010-12-05 01:00:28 UTC
From: Hoby KK8G
Topic: 99 Message: 116

Hello Al. No, and I never could get the VOX to work with my 450. I made a couple contacts, one good one with NC5O and a partial with WA7BRL as the band was folding. I had to resort to the 'ancient' way of manually invoking the SEND button till the transmission was finished. Will work more with it later..
CU.. 73
Hoby

----- Original Message -----
From: Al
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 04, 2010 7:23 PM
Subject: [V4Protocol] Re: FIRST HEARD

Hi Hoby...

Did you get it to Xmit yet? I can't get my TS-2000 and Navigator interface to work with it even though WINMOR works like a champ...

Al/ W8AII/ AAT5DZ

--- In V4Protocol@yahoogroups.com, "Hoby KK8G" <kk8g@...> wrote:
>
> Just got the pgm loaded and turned it on. K5HB was sending CQ. Now to get the K'wood 450 to transmit.
> Hoby KK8G
>

117. Re: QSO anyone?

Yahoo group: V4Protocol
Date: 2010-12-05 01:04:19 UTC
From: n9dsj
Topic: 102 Message: 117

No problem Dave, was good to see you. if it were easy it would be no fun. Seems to work pretty good for an initial release. Will listen on 3.582 +/- qrm.

73, Bill N9DSJ

--- In V4Protocol@yahoogroups.com, "David Bastress" <bastress@...> wrote:
>
> Bill,
>
> Hope you read my just previously sent email.
>
> Dave K3GAU
>
>
> >>> "n9dsj" 12/04/10 7:51 PM >>>
>
> Hi Dave copied you fine,not sure why you had trouble decoding me...hard
> to tell. Worked Mike (KB0FX) later without issue. Using VOX to get
> around the ptt situation.
>
> 73,
>
> Bill N9DSJ
>
> --- In V4Protocol@yahoogroups.com, "David Bastress" wrote:
> >
> > HI Again<
> >
> > I guess no takers at this time. Will be hanging around on 80 meters
> > between 3582 and 3585 dial looking for a V4 CQ and trying to dodge the
> > contest QRM.
> >
> > Dave K3GAU
> >
> >
> > >>> "David Bastress" 12/04/10 6:01 PM >>>
> > HI All,
> >
> > Anyone up for a V4 qso on either 40 or 80 meters??
> >
> > Dave K3GAU
> >
>

118. Re: on 7080

Yahoo group: V4Protocol
Date: 2010-12-05 01:06:07 UTC
From: T.O.M.Bent
Topic: 51 Message: 118

Well tnx Chuck for my first V4 Chat contact. Although it was REAL short.
It looks like this winter of testing is going to be a blast with a Winner like V4.

de KB3FN - Lynn

--- In V4Protocol@yahoogroups.com, Chuck <wa7brl@...> wrote:
>
> I got bits and pieces of NC5O and others on 7080 here in Western Washington. Running an IC-706 with the Signalink USB until the fix comes through for the IC-7200. Will be monitoring now to about 0600 Z for calls... 7080 Dial.
> 73;
> Chuck, WA7BRL
> CN87ut
>

119. Re: [V4Protocol] on 7080

Yahoo group: V4Protocol
Date: 2010-12-05 01:06:43 UTC
From: Chuck
Topic: 51 Message: 119

John; I copied enough of your transmission to see the report that I was good copy there..
You are my first V4 contact. Thanks!

73;
Chuck, WA7BRL
CN87ut
----- Original Message -----
From: "John Sweeney" <n3wt@...>
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 4, 2010 4:39:36 PM
Subject: Re: [V4Protocol] on 7080

Have a Flex 5000A working for audio I/O, but still no PTT, so manual ptt for now.
Monitoring 7.080 now.

N3WT

120. Re: [V4Protocol] on 7080

Yahoo group: V4Protocol
Date: 2010-12-05 01:13:11 UTC
From: Ron Wenig
Topic: 51 Message: 120

John,

Did you see my earlier post. I have a Flex 3000 and I couldn't get the PTT to work. I was sitting on 7080 waiting to copy a QSO and I was looking through various functions, like user files and setting up macros when all of a sudden it started to transmit. I then had a QSO with NC5O with PTT functions and radio control functions and I have no idea why it started to work. I am using com0com for radio control and ptt functions and VAC for sound. Keep playing maybe your 5000a will start to work :-)

Ron ny3j

On 12/4/2010 7:39 PM, John Sweeney wrote:
>
>
> Have a Flex 5000A working for audio I/O, but still no PTT, so manual
> ptt for now. Monitoring 7.080 now.
>
> N3WT
>
>
> On 12/4/2010 7:32 PM, Chuck wrote:
>
>> I got bits and pieces of NC5O and others on 7080 here in Western
>> Washington. Running an IC-706 with the Signalink USB until the fix
>> comes through for the IC-7200. Will be monitoring now to about 0600 Z
>> for calls... 7080 Dial.
>> 73;
>> Chuck, WA7BRL
>> CN87ut
>>
>
>

121. Re: [V4Protocol] Re: on 7080

Yahoo group: V4Protocol
Date: 2010-12-05 01:18:25 UTC
From: Chuck
Topic: 51 Message: 121

Lynn; Yes, V4 will be fun. I did see you on the screen and called you but I didn't see any come back after I called...
Band is going out I guess.
Thanks and will look for you another time!
73;
Chuck, WA7BRL
----- Original Message -----
From: "T.O.M.Bent" <kb3fn@...>
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 4, 2010 5:06:07 PM
Subject: [V4Protocol] Re: on 7080

Well tnx Chuck for my first V4 Chat contact. Although it was REAL short.
It looks like this winter of testing is going to be a blast with a Winner like V4.

de KB3FN - Lynn

122. Re: [V4Protocol] Re: VE7CRT First qso using v4 Chat. Contacted KB0FX in St. Louis MO.

Yahoo group: V4Protocol
Date: 2010-12-05 01:21:57 UTC
From: Dick Lamberson
Topic: 75 Message: 122

Rgr Dave - it was good to play with it and make those contacts -
Will be anxious to get the fix for the PTT COM Port resolved - but for the time being, VOX works pretty good.
Thanks again to you both.
Dick, W4WEB
----- Original Message -----
From: David Bastress
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 04, 2010 7:55 PM
Subject: Re: [V4Protocol] Re: VE7CRT First qso using v4 Chat. Contacted KB0FX in St. Louis MO.

GE to N9DSJ, KB0ZX and W4WEB,

I must have a problem here as I only copy about a third or less of what you guys are sending. I will get one frame and then the next 3 or 4 just show "Wait leader" and of course don't decode!! Then may be I will get another one. Anyway very spasmatic decoding here. Anybody else having this problem? I have sent Rick my TNC debug logs for him to look at.

Anyway, just wanted to let you guys know why I wasn't responding, etc.

Dave K3GAU

123. Almost Coast to Coast Contact

Yahoo group: V4Protocol
Date: 2010-12-05 01:34:31 UTC
From: T.O.M.Bent
Topic: 123 Message: 123

Around 0110 UTC I got a connect with WA7BHL in WA.
That MD to WA on 7080.
Rick you did it agn OM. Tnx Lynn - KB3FN

124. Re: [V4Protocol] Almost Coast to Coast Contact

Yahoo group: V4Protocol
Date: 2010-12-05 01:57:04 UTC
From: Chuck
Topic: 123 Message: 124

Lynn, Did you mean WA7BRL??? Then yes a near coast to coast on 40 Meters! I'm located in Lynnwood about 25 Miles north of Seattle. Just using a 40/80 Meter inverted Vee at about 50 ft. and 50 Watts from an IC-706MKIIG and a Signalink USB. Rick has done well for the Alpha release.
73;
Chuck, WA7BRL
----- Original Message -----
From: "T.O.M.Bent" <kb3fn@...>
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 4, 2010 5:34:31 PM
Subject: [V4Protocol] Almost Coast to Coast Contact

Around 0110 UTC I got a connect with WA7BHL in WA.
That MD to WA on 7080.
Rick you did it agn OM. Tnx Lynn - KB3FN

125. Re: No PTT

Yahoo group: V4Protocol
Date: 2010-12-05 01:57:48 UTC
From: aa777888athotmaildotcom
Topic: 51 Message: 125

No PTT for me either. I use COM5 RTS line. Same settings as for RMS Express and RMS Winmor.

Waiting for this to be fixed. You VOX guys have fun...

k*b*l*0*0*q

126. dumb question re "autoID"

Yahoo group: V4Protocol
Date: 2010-12-05 02:44:02 UTC
From: n9dsj
Topic: 126 Message: 126

is it enabled or disabled when bold? Seems like a useful feature; especially for roundtable type qsos...

Thanks and 73,

Bill N9DSJ

127. Re: [V4Protocol] Rick hits another home run!

Yahoo group: V4Protocol
Date: 2010-12-05 02:53:31 UTC
From: Jon Maguire
Topic: 105 Message: 127

I've got to agree. Super slick setup, beautiful interface, and a very promising protocol. What's not to love?Thanks Rick!!

73... Jon W1MNK

On 12/4/2010 6:34 PM, Kent & Shirley wrote:
>
> Congratulations Rick this is way too cool! I had my first QSO within
> minutes of installing! This prog gave me an old feeling of once again
> being in control of things like I haven't experienced since directly
> connecting to different people all over the world using Packet on HF
> back in the 1980s! Just a marvelous feeling to have the freedom to
> move around the band and catch people where they are. Not a bit like
> the confines of psk31 ops!
> Observations: 1. Easy install. My machine on Win 7 32-bit, even
> handled a buggered-up previous install of AVG that was still hanging.
> Despite the conflict I was eventually directed to restart and V4 went
> on slicker than snuff despite the conflict.
> 2. Nice help files!
> 3. No PTT for my Yaesu FT2000d yet, but it took about 10 seconds to
> turn on VOX and start a QSO. (I'm using dedicated com 1 set at 38.4
> with both RTS and DTR on.) Com 5 is similarly set for rig control. I
> could bring up RMS Express and it worked just fine, as always, same setup.
> 4. Some keys like backspace returned an unhandled exception as others
> have already described.
> 5. No firewall problems.
> 6. I was amazed how I could shoe-horn myself between two giant piccolo
> playoffs near 14.072 and still get through. Kind of cool to be able to
> position your own waterfall and fine tune it to clear the QRM and be
> able to transmit/receive. If people can get used to making fine
> adjustments to their frequency to follow another station as he gently
> adjusts his transmit freek to avoid (QRM) as opposed to religiously
> sticking exactly to a Winlink node's input freek, for example, we
> could all find lots of places to work on any band, and have added
> flexibility to still be seen. I love not being stuck to any specific
> freek! Anywhere in the keyboard area, that's clear, should be a good
> place to operate. I don't advocate being tied to a certain place like
> all the PSK-ers are!
> End of my vote---73 de Kent ad7hk--and congrats & thanks to Rick again
> for doing a super job!
>
>

128. Re: [V4Protocol] on 7080

Yahoo group: V4Protocol
Date: 2010-12-05 03:18:12 UTC
From: Jon Maguire
Topic: 51 Message: 128

Same rig here... sitting on 7080 "dial" FEC mode, manual PTT. Nothing
seen so far in west central Florida. I just called Cq @ 1018EST

73... Jon W1MNK

On 12/4/2010 7:39 PM, John Sweeney wrote:
>
>
> Have a Flex 5000A working for audio I/O, but still no PTT, so manual
> ptt for now. Monitoring 7.080 now.
>
> N3WT
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> On 12/4/2010 7:32 PM, Chuck wrote:
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>> I got bits and pieces of NC5O and others on 7080 here in Western
>> Washington. Running an IC-706 with the Signalink USB until the fix
>> comes through for the IC-7200. Will be monitoring now to about 0600 Z
>> for calls... 7080 Dial.
>> 73;
>> Chuck, WA7BRL
>> CN87ut
>>
>
>

129. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-05 03:48:00 UTC
From: Les Keppie
Topic: 51 Message: 129

Hi All
Also using Flex 3k and have the same problem -
If I manually key using MOX TX is fine with RF output and CW ID works
Vox will not work - No PTT using the same settings as for RMS Express
Les VK2DSG

On 5/12/2010 5:24 AM, Ron Wenig wrote:
>
> I have a Flex 3000 and I'm sorry for throwing a complicated setup to
> the group so early in the V4 Chat life.
>
> Same setup as RMS Express. I'm using Virtual Audio Cable which is
> working, at least I'm seeing the waterfall and get a green TNC.
>
> For PTT and Radio Control I'm using com0com which is working in RMS
> Express. Com 6 which translates to Com 16 for control and Com 7 which
> translate to Com 17 for PTT. RTS and DTR selected with 56K buad. I
> selected Flex for the radio. I don't see any errors in the logs.
>
> No PTT in two tone test or transmitting text.
>
> 73, Ron ny3j
>
> On 12/4/2010 1:11 PM, Dennis Gabler wrote:
>
>> In my case PTT is via COM port (USB->RS232) on COM10 both DTR and RTS
>> enabled.
>>
>> Rig is a TS-480, Express and RMS Winmor work to this rig with same
>> settings. If you need more info let me know.
>>
>>
>> On 12/4/2010 11:59 AM, Rick Muething wrote:
>>
>>> All,
>>> Those having PTT problems....YOU MUST explain which of the four
>>> possible PTT methods you are using and your setup.
>>> 1) PTT via VOX operated relay in the sound card interface (e.g.
>>> Signal Link)
>>> 2) PTT via VOX using the transmitter’s built in VOX tripped from the
>>> audio
>>> 3) PTT via a dedicated serial control port using the RTS or DTR
>>> signals (this might be through the sound card interface)
>>> 4) PTT via a serial command to the radio (supported on some radios)
>>> This is the same port that does radio frequency and mode control.

>>> I didn’t have the facilities here to check all these out.
>>> Rick KN6KB
>>> *From:* Andy obrien <mailto:k3ukandy@...>
>>> *Sent:* Saturday, December 04, 2010 12:40 PM
>>> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>>> *Subject:* [V4Protocol] No PTT
>>>
>>> Using the exact same settings that I use successfully with Winmor, I
>>> am not achieving any PTT with V4. Anyone else using a Kenwood
>>> TS-2000 and have PTT working. Nice to see a few stations testing on
>>> 14073 via the sked page
>>>
>>> Andy K3UK
>>>
>>
>>
>> --
>> Dennis Gabler AAR7DG/W5DG
>> Adel, IA.
>> http://army.iowamars.org
>> ICS 100, 200, 300, 400, 700, 800, and COML-T certified
>
>

130. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-05 05:15:02 UTC
From: Ron Wenig
Topic: 51 Message: 130

Les,

Did you see my previous email. PTT started to work and I don't know why. I was just playing around listening to monitor QSOs and I hit enter and the PTT came on and I transmitted what I had in the buffer. Then I had a QSO with NC5O.

Ron ny3j

On 12/4/2010 10:48 PM, Les Keppie wrote:
>
> Hi All
> Also using Flex 3k and have the same problem -
> If I manually key using MOX TX is fine with RF output and CW ID works
> Vox will not work - No PTT using the same settings as for RMS Express
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>
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>> working, at least I'm seeing the waterfall and get a green TNC.
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>> For PTT and Radio Control I'm using com0com which is working in RMS
>> Express. Com 6 which translates to Com 16 for control and Com 7
>> which translate to Com 17 for PTT. RTS and DTR selected with 56K
>> buad. I selected Flex for the radio. I don't see any errors in the
>> logs.
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>> No PTT in two tone test or transmitting text.
>>
>> 73, Ron ny3j
>>
>> On 12/4/2010 1:11 PM, Dennis Gabler wrote:
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>>> In my case PTT is via COM port (USB->RS232) on COM10 both DTR and
>>> RTS enabled.
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>>> Rig is a TS-480, Express and RMS Winmor work to this rig with same
>>> settings. If you need more info let me know.
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>>>> signals (this might be through the sound card interface)
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>>>> control.
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>

131. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-05 05:26:03 UTC
From: Ron Wenig
Topic: 51 Message: 131

I'm not sure if I'm loosing my mind but I think I know how I got the PTT working. Maybe somebody else can verify this.

When I first start V4Chat, after I click FEC mode, I can't send any text that I type in the transmit buffer because the PTT doesn't work.

If I copy and paste text in the tranmit buffer and hit enter the PTT is activated for that transmission and anything else after. If I close and reopen the program I have to go through the same sequence to get the PTT to work. Can anyone else duplicate this and let me know I'm not crazy.

Ron ny3j

On 12/4/2010 7:26 PM, Ron Wenig wrote:
>
> Rick,
>
> I have no idea how but the PTT just started to work. You not only
> have a great program but it's magic :-)
>
> I was on 7080 just playing around and waiting to hear a qso when I hit
> enter and I transmitted. Russ, NC5O, was on frequency and we
> chatted. Very cool and I'm not shutting off the computer so I don't
> loose the settings.
>
> Ron ny3j
>
> On 12/4/2010 1:55 PM, Rick Muething wrote:
>
>> Ron,
>> I am not going to try and tackle this for the flex until we get it
>> fixed for the other radios. I think I picked up an old rev of the
>> radio control class but it will take some digging to find out the
>> real problem.
>>
>> Rick
>> *From:* Ron Wenig <mailto:rwenig@...>
>> *Sent:* Saturday, December 04, 2010 1:24 PM
>> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>> *Subject:* Re: [V4Protocol] No PTT
>>
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>
>

132. RE: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-05 06:21:55 UTC
From: Matt Zilmer
Topic: 51 Message: 132

Just found the same thing here.

You're not losing your mind, you are just a beta tester. Comes with the territory. Learn to enjoy it!

matt W6NIA

To: V4Protocol@yahoogroups.com
From: rwenig@...
Date: Sun, 5 Dec 2010 00:26:03 -0500
Subject: Re: [V4Protocol] No PTT

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PTT working. Maybe somebody else can verify this.

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is activated for that transmission and anything else after. If I
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on frequency and we chatted. Very cool and I'm not
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Ron ny3j

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I am not going to try and tackle this for the
flex until we get it fixed for the other radios.
I think I picked up an old rev of the radio
control class but it will take some digging to

find out the real problem.

Rick

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Sent: Saturday, December 04, 2010
1:24 PM
To: V4Protocol@yahoogroups.com

Subject: Re: [V4Protocol] No PTT

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133. Re: [V4Protocol] No PTT

Yahoo group: V4Protocol
Date: 2010-12-05 09:56:39 UTC
From: Ron Wenig
Topic: 51 Message: 133

Actually, it's alpha testing and I am enjoying it. Just trying to give
some input.

73, Ron ny3j

On 12/5/2010 1:21 AM, Matt Zilmer wrote:
>
> Just found the same thing here.
>
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> and Com 7 which translate to Com 17 for PTT. RTS and DTR
> selected with 56K buad. I selected Flex for the radio. I
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> RTS or DTR signals (this might be through the sound
> card interface)
> 4) PTT via a serial command to the radio (supported on
> some radios) This is the same port that does radio
> frequency and mode control.
> I didn?t have the facilities here to check all these out.
> Rick KN6KB
> *From:* Andy obrien <mailto:k3ukandy@...>
> *Sent:* Saturday, December 04, 2010 12:40 PM
> *To:* V4Protocol@yahoogroups.com
> <mailto:V4Protocol@yahoogroups.com>
> *Subject:* [V4Protocol] No PTT
> Using the exact same settings that I use successfully
> with Winmor, I am not achieving any PTT with V4.
> Anyone else using a Kenwood TS-2000 and have PTT
> working. Nice to see a few stations testing on 14073
> via the sked page
>
> Andy K3UK
>
>
>
>
> --
> Dennis Gabler AAR7DG/W5DG
> Adel, IA.
> http://army.iowamars.org
> ICS 100, 200, 300, 400, 700, 800, and COML-T certified
>
>
>
>
>
>
>

134. No TX audio from external sound card, no PTT

Yahoo group: V4Protocol
Date: 2010-12-05 12:26:31 UTC
From: Ilkka
Topic: 134 Message: 134

Hi

Two somewhat different stations with the same symptoms:

1) No TX audio from external sound card. Internal sound card TX audio works (when configured so). RX audio works with the external sound card.

2) No PTT

RMS Express works OK

Station 1:
IC-756pro2, microHAM microKEYER interface (uses virtual COM ports), Tascam US-122 USB sound card, Win XP. Tried both COM/RTS and CI-V for PTT

Station 2:
IC-746pro(IC-7400), no name USB CI-V adapter, M-Audio MobilePre USB sound card, Vista

73, Ilkka OH3NJC

135. It was a brief affair.....

Yahoo group: V4Protocol
Date: 2010-12-05 14:26:39 UTC
From: n6kzb
Topic: 135 Message: 135

Had TX one time. Had TX with FEC TEST one time.

Now PTT does not work?

RMS Express with Winmor works and duplicated the setup.

Can't offer any "alpha test comments", as I can see no reason for
it only working for a few seconds.

Also I will assume that the ARQ mode is not yet implemented, as it is grayed out in the pull down menu.

Will await the next version.

Mike from XE2 land.....

136. Initial testing

Yahoo group: V4Protocol
Date: 2010-12-05 14:36:45 UTC
From: Dennis Gabler
Topic: 136 Message: 136

I am having the same PTT issues as many others. While monitoring QSO's on 40 I noticed it seems to completely stop decoding in the middle of a received transmission, or drops several frames then starts decoding again. This is on good S9 signals. I have plenty of audio going in, the receive bar is always at least 3/4 of the way over.

Still playing here,
Dennis

--
Dennis Gabler AAR7DG/W5DG
Adel, IA.
http://army.iowamars.org
ICS 100, 200, 300, 400, 700, 800, and COML-T certified

137. RE: [V4Protocol] First copy/contacts W6NIA

Yahoo group: V4Protocol
Date: 2010-12-05 15:23:04 UTC
From: Matt Zilmer
Topic: 136 Message: 137

On 7080, running 30W and a 160m dipole, using a K3:

1500Z to 1520Z -
KC3OL, Ted near KC. 57, about 80% copy [first V4 contact for this station]
NC5O, Russell. 55, about 40% copy.
KA1GMN, ? in TX, 55, about 50% copy.
WA4BDS, ? in ?, copied one frame.

Hey - seems to work. Bugs make it all more interesting. Most everything I noticed has already been brought up here on the group.

matt W6NIA / NNN0UET

138. It does copy some.....

Yahoo group: V4Protocol
Date: 2010-12-05 15:40:05 UTC
From: n6kzb
Topic: 138 Message: 138

Just now managed to decode a few bits of a qso?

"frames that..." and "squelch set to 4 seems to work better...."

On 7070.0 USB, whoever you be??.....

N6KZB/XE2 from Baja (random wire fed with AH-4)

139. Up to Now

Yahoo group: V4Protocol
Date: 2010-12-05 16:27:37 UTC
From: Jon
Topic: 139 Message: 139

Up to now, I must say V4 is fine business. Once the PTT issue is fixed, I thinks everyone will agree....

73 de Jon KT4KB

140. FREQUENCIES

Yahoo group: V4Protocol
Date: 2010-12-05 16:50:44 UTC
From: obie47165
Topic: 140 Message: 140

Why dont we print the frequencies to look for V4 ops in the file section, it would make it much easier to find someone on the bands.

73
POB/K8LEN

141. V4 Fancy Busy Detect Tricks ?

Yahoo group: V4Protocol
Date: 2010-12-05 16:55:12 UTC
From: Andy obrien
Topic: 141 Message: 141

Is it my imagination that V4Chat delays sending in the presence of QRM, seemed that way a couple of times.

Andy K3UK

142. Re: [V4Protocol] FREQUENCIES

Yahoo group: V4Protocol
Date: 2010-12-05 17:02:41 UTC
From: Andy obrien
Topic: 140 Message: 142

Lots of folks at http://www.obriensweb.com/sked , check the digitalradio page. Just had 4 QSOs

Andy K3UK

On Sun, Dec 5, 2010 at 11:50 AM, obie47165 <obie47165@...> wrote:

>
>
> Why dont we print the frequencies to look for V4 ops in the file section,
> it would make it much easier to find someone on the bands.
>
> 73
> POB/K8LEN
>
>
>

143. LOADED ON 40

Yahoo group: V4Protocol
Date: 2010-12-05 17:20:41 UTC
From: obie47165
Topic: 143 Message: 143

WOW...Loads of activity on 7080, like field day hi, great program and fun to operate....

POB/K8LEN

144. V 4 PROGRESS

Yahoo group: V4Protocol
Date: 2010-12-05 17:38:34 UTC
From: Ed Woods WD9DVA
Topic: 144 Message: 144

First I want to thank Andy K3UKA for getting me out of the ditch with V 4. We're using a RigBlaster Plus (remember). Andy told me to set my TS 570 in VOX. I did. It still wouldn't xmit. I decided that the computer was not driving the xmitter, likewise it wasn't driving the Rigblaster. On the RB you have an option of AUTO or VOX. I normally run in AUTO. We went outside the box, put the RB in VOX and guess what, we xmit. We've copied the hangout freqs 3582, 7080, 1011131, 14122 & 18075. This evening we tried the lo band stuff sending CQ's but no sales. On the HAM side of the world in the lo bands do we use LSB or USB on all bands? Thanks for the help. Looks like a great program. 73 Ed WD9DVA/AFA5QW

145. RE: [V4Protocol] LOADED ON 40

Yahoo group: V4Protocol
Date: 2010-12-05 17:45:32 UTC
From: Dr Fred Hambrecht
Topic: 143 Message: 145

The only problem is your all playing hell with my WINMOR RMS on 7079.5, If I could get you to move up to 7080.5 it would be much appreciated. I have a bunch of folks out on the ocean with weak signals and the V4 200 Hz away desenses my receiver. Thanks much folks, this RMS handles the most traffic of any RMS station in the US and your cooperation would be appreciated by many.

73

Fred W4JLE-5

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of obie47165
Sent: Sunday, December 05, 2010 12:21 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] LOADED ON 40

WOW...Loads of activity on 7080, like field day hi, great program and fun to operate....

POB/K8LEN

146. V 4 PROGRESS?

Yahoo group: V4Protocol
Date: 2010-12-05 17:46:12 UTC
From: Ed Woods WD9DVA
Topic: 146 Message: 146

We tried working the bugs out on 40 (7080) apparently all are in the USB mode.

Our rig is Kenwood TS 570 in VOX, the interface is a Rig Blaster Plus, set to VOX

We can't get the CW ID to work.

We type in the lower right hand box what we want send and then hit ENTER. Out it goes.

The V4 program is in FEC

Guess we haven't got it right for bringing a txt file to send, nothing happens.

Need reports back on our signal.

I'm sure in due time, this program will do as well RMS express.

It's fun to tinker.

73 Ed WD9DVA

147. 30m hangout?

Yahoo group: V4Protocol
Date: 2010-12-05 18:05:18 UTC
From: Jeff - WA4ZKO
Topic: 147 Message: 147

Any suggestions for a 30m hangout? 10.147 dial?

Just installed, may fire up on 30m from EM78 later this afternoon.

73
Jeff
WA4ZKO
"Packet Radio never died, it just evolved."
Packet: WA4ZKO@WA4ZKO.#NKY.KY.USA.NOAM
http://twitter.com/wa4zko

148. Re: [V4Protocol] V4 Fancy Busy Detect Tricks ?

Yahoo group: V4Protocol
Date: 2010-12-05 18:11:10 UTC
From: Phil Williams
Topic: 141 Message: 148

I have observed that too. Non v4 sigs drive the agc and drives the agc which drops the noise level and busy channel is enabled. I would rather have it be on the conservative sit and live with a little latency to avoid adding to the qrm.

Philw de KA1GMN

On Dec 5, 2010 10:55 AM, "Andy obrien" <k3ukandy@...> wrote:

Is it my imagination that V4Chat delays sending in the presence of QRM, seemed that way a couple of times.

Andy K3UK

149. TS-2000 and Navigator Interface

Yahoo group: V4Protocol
Date: 2010-12-05 18:15:50 UTC
From: Al
Topic: 149 Message: 149

Is anyone running a U.S. Interface Navigator interface? I run one here in conjunction with a TS-2000. No joy getting anything to work with respect to PTT so far. All connection here are via the ACC port so no microphone option here. I have tried various combinations and have not had any luck keying the radio. The software is up and running and printing many stations... Any help would certainly be appreciated...

73
Al/ W8AII/ AAT5DZ

150. Re: TS-2000 and Navigator Interface Follow-up

Yahoo group: V4Protocol
Date: 2010-12-05 18:36:27 UTC
From: Al
Topic: 149 Message: 150

Perseverance pays off...

I got it to transmit by entering a frequency into the "Freq (kHz)" box and double clicking on it. That, in turn, changes the frequency and then, PTT works for me using the same settings as my WINMOR configuration... Now, for some contacts...

73,
Al/ W8AII/ AAT5DZ

151. Re: [V4Protocol] Re: TS-2000 and Navigator Interface Follow-up

Yahoo group: V4Protocol
Date: 2010-12-05 20:24:41 UTC
From: Hoby KK8G
Topic: 149 Message: 151

GA Al. How about that. Works for my 450 and Rigblaster, too. Now to find an active band.
73
Hoby KK8G/AFA5HF

----- Original Message -----
From: Al
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 05, 2010 1:36 PM
Subject: [V4Protocol] Re: TS-2000 and Navigator Interface Follow-up

Perseverance pays off...

I got it to transmit by entering a frequency into the "Freq (kHz)" box and double clicking on it. That, in turn, changes the frequency and then, PTT works for me using the same settings as my WINMOR configuration... Now, for some contacts...

73,
Al/ W8AII/ AAT5DZ

152. Re: [V4Protocol] Re: TS-2000 and Navigator Interface Follow-up

Yahoo group: V4Protocol
Date: 2010-12-05 23:04:18 UTC
From: Dick Lamberson
Topic: 149 Message: 152

Doesn't work for my TS870S using the same settings as I use for RMS Express.
Still waiting on a fix for the com port PTT problem -

However, I'm using the VOX on the notebook computer with the SignaLink USB and the other rig.

----- Original Message -----
From: Hoby KK8G
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 05, 2010 3:24 PM
Subject: Re: [V4Protocol] Re: TS-2000 and Navigator Interface Follow-up

GA Al. How about that. Works for my 450 and Rigblaster, too. Now to find an active band.
73
Hoby KK8G/AFA5HF

----- Original Message -----
From: Al
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 05, 2010 1:36 PM
Subject: [V4Protocol] Re: TS-2000 and Navigator Interface Follow-up

Perseverance pays off...

I got it to transmit by entering a frequency into the "Freq (kHz)" box and double clicking on it. That, in turn, changes the frequency and then, PTT works for me using the same settings as my WINMOR configuration... Now, for some contacts...

73,
Al/ W8AII/ AAT5DZ

153. IT's ALIVE!!!

Yahoo group: V4Protocol
Date: 2010-12-06 00:12:53 UTC
From: RobertR
Topic: 153 Message: 153

As Emeril Lagasse says BAM!

Used the "click on Frequency". It immediately began working. I'll Check the SKED page to see where everyone is.

Love this stuff.

Don
KA5DON
Portable at Camp Shelby, MS (Army Mobilization/Training Center).

154. VE1YZ up and running on V4

Yahoo group: V4Protocol
Date: 2010-12-06 00:17:38 UTC
From: Neil Hughes
Topic: 154 Message: 154

VE1YZ is up and running on V4

Installation went fine.

Running a SignaLink USB and an ICOM 706MKIIG

Available on 80, 40, or 20m for testing.

73,
Neil
VE1YZ

155. Re: [V4Protocol] IT's ALIVE!!!

Yahoo group: V4Protocol
Date: 2010-12-06 00:39:43 UTC
From: Andy obrien
Topic: 153 Message: 155

What do u mean "click on frequency" ?

Andy

On Sun, Dec 5, 2010 at 7:12 PM, RobertR <don.rand@...> wrote:

>
>
> As Emeril Lagasse says BAM!
>
> Used the "click on Frequency". It immediately began working. I'll Check the
> SKED page to see where everyone is.
>
> Love this stuff.
>
> Don
> KA5DON
> Portable at Camp Shelby, MS (Army Mobilization/Training Center).
>
>
>

156. Logbook ADIF Mode

Yahoo group: V4Protocol
Date: 2010-12-06 00:45:32 UTC
From: n4zq
Topic: 156 Message: 156

Anyone got a idea as to what valid ADIF Mode to use to log V4 QSO's into computer base logbooks? V4 comes up not a valid mode in my Logger32 program.. I'm sure in time it will be included as a valid ADIF mode, but no telling when that will happen..

Keith N4ZQ

157. working now

Yahoo group: V4Protocol
Date: 2010-12-06 00:47:02 UTC
From: afa4qg
Topic: 157 Message: 157

Clicking on the FREQ box does indeed work with my TS870S
- Eureka - COM1 port now keys the PTT
73,
Dick, W4WEB/AFA4QG

158. Re: [V4Protocol] working now

Yahoo group: V4Protocol
Date: 2010-12-06 00:48:24 UTC
From: Andy obrien
Topic: 157 Message: 158

where is this magic freq box ?

On Sun, Dec 5, 2010 at 7:47 PM, afa4qg <w4web@...> wrote:

>
>
> Clicking on the FREQ box does indeed work with my TS870S
> - Eureka - COM1 port now keys the PTT
> 73,
> Dick, W4WEB/AFA4QG
>
>
>

159. Click on Frequency

Yahoo group: V4Protocol
Date: 2010-12-06 00:48:27 UTC
From: RobertR
Topic: 159 Message: 159

Andy,

In the upper left box there is a column header "FREQ" with an arrow. I clicked on it and the arrow changes from down to up. I then went to send tone and it keyed the radio. Also for the CW ID.

I am using a B-2000 to a Signalink USB. This is at the camper at Camp Shelby, MS. I can't wait to get back to the house next weekend to try it on the 2000x to Microham III.

Don
KA5DON

160. Re: [V4Protocol] working now

Yahoo group: V4Protocol
Date: 2010-12-06 00:49:34 UTC
From: charles standlee
Topic: 157 Message: 160

Same here.... wooooHoooo.....
 73, Chuck AC5PW

From: afa4qg <w4web@...>
To: V4Protocol@...m
Sent: Sun, December 5, 2010 6:47:02 PM
Subject: [V4Protocol] working now

Clicking on the FREQ box does indeed work with my TS870S
- Eureka - COM1 port now keys the PTT
73,
Dick, W4WEB/AFA4QG

161. V4 notes

Yahoo group: V4Protocol
Date: 2010-12-06 00:59:11 UTC
From: Chuck
Topic: 161 Message: 161

I have been on the air a couple days with V4 and noted some things. I'm using an IC-706MKIIG, Laptop with Vista and the Signalink USB.

1. Noted that using the 2 tone generator to set level, that I need to set it to 100 Watts just to get 50 Watts average while sending text.
2. I noted just after PTT, the leader tones hit 100 Watts momentarily, but keyboard text settles back to about 50 Watts thereafter.

I'm not sure, but I don't think I have seen this 3 dB jump in power during a Winmor session with the IC-7200. I have considered the possibility that the 706 transmit ALC is slow reacting, or is it possible the leader tones are a little hot. Any thoughts?

Thanks;
Chuck, WA7BRL

162. Re: [V4Protocol] working now

Yahoo group: V4Protocol
Date: 2010-12-06 01:07:36 UTC
From: Ron Wenig
Topic: 157 Message: 162

Wow, that's what I probably did when I said that I copied and pasted the callsign into the transmit window. Thanks, this has saved my sanity because I couldn't get it to do it after I sent that email yesterday. I was too dense to realize that all I did was click on the frequency.

It's working great on the Flex 3000 now.

73, Ron ny3j

On 12/5/2010 7:49 PM, charles standlee wrote:
> Same here.... wooooHoooo.....
> 73, Chuck AC5PW
>
>
> ---
> *From:* afa4qg <w4web@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Sun, December 5, 2010 6:47:02 PM
> *Subject:* [V4Protocol] working now
>
> Clicking on the FREQ box does indeed work with my TS870S
> - Eureka - COM1 port now keys the PTT
> 73,
> Dick, W4WEB/AFA4QG
>
>
>

163. Direct PTT control through a dedicated PTT Port using the RTS or DTR signals

Yahoo group: V4Protocol
Date: 2010-12-06 02:09:04 UTC
From: Jon
Topic: 163 Message: 163

Greetings from SC!!!!

After clicking on an EMPTY Freq box. Direct PTT began working. I have not pinned it down exactly. But I believe that fixed it for me
73 de Jon KT4KB

164. Re: [V4Protocol] Direct PTT control through a dedicated PTT Port using the RTS or DTR signals

Yahoo group: V4Protocol
Date: 2010-12-06 02:17:54 UTC
From: Andy obrien
Topic: 163 Message: 164

It has not solve the problem with my TS-2000

Andy K3UK

On Sun, Dec 5, 2010 at 9:09 PM, Jon <kt4kb@...> wrote:

>
>
> Greetings from SC!!!!
>
> After clicking on an EMPTY Freq box. Direct PTT began working. I have not
> pinned it down exactly. But I believe that fixed it for me
> 73 de Jon KT4KB
>
>
>

165. Re: Direct PTT control through a dedicated PTT Port using the RTS or DTR signals

Yahoo group: V4Protocol
Date: 2010-12-06 02:21:19 UTC
From: kb0fx
Topic: 163 Message: 165

Jon - Clicking on the empty freq box appears to trigger the creation of a new V4Chat config file that adds the required radio & PTT control information. Below is what it added to my V4Chat config file. I had to edit the file to change the Control Baud to 4800.

Mike - KB0FX

[V4 Chat]
Antenna Baud=4800
PTT Baud=9600
Control Baud=4800
Antenna Control=
Antenna RTS=False
Antenna DTR=True
Antenna Port=None
Antenna Selection=Default
Control DTR=True
Control RTS=True
Control Port=COM8
FM=False
USB=True
USBDigital=False
Icom Address=00
Model=Kenwood Radios
PTT Port=K450
PTT DTR=True
PTT RTS=True
Tuner=False
--- In V4Protocol@yahoogroups.com, "Jon" <kt4kb@...> wrote:
>
> Greetings from SC!!!!
>
> After clicking on an EMPTY Freq box. Direct PTT began working. I have not pinned it down exactly. But I believe that fixed it for me
> 73 de Jon KT4KB
>

166. Re: Direct PTT control through a dedicated PTT Port using the RTS or DTR signals

Yahoo group: V4Protocol
Date: 2010-12-06 02:30:59 UTC
From: Jon
Topic: 163 Message: 166

Andy-
I found out I clicked on the freq box of a partial, to get it working. lots of clicking and testing so I'm only 75% sure that was the sequence, although I have went in and out of the program and each time was able to get PTT to work

73 Jon KT4KB

--- In V4Protocol@yahoogroups.com, Andy obrien <k3ukandy@...> wrote:
>
> It has not solve the problem with my TS-2000
>
> Andy K3UK
>
> On Sun, Dec 5, 2010 at 9:09 PM, Jon <kt4kb@...> wrote:
>
> > >
> > >
> > > Greetings from SC!!!!
> > >
> > > After clicking on an EMPTY Freq box. Direct PTT began working. I have not
> > > pinned it down exactly. But I believe that fixed it for me
> > > 73 de Jon KT4KB
> > >
> > >
> > >
>

167. Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-06 04:10:29 UTC
From: jcglt
Topic: 167 Message: 167

I did a first test on the air today on 14073. Heard nobody and was not heard too. However everything worked nicely : setup, TNC, test, CWID, a few CQs sent. I'll try again the next days.
Usually I have very good connects on WINMOR mode on 14110.5 with VK2JN-5 in Sydney (1250 miles distance) with very marginal local conditions here : a FT897D sending 30W in a mobile Hustler antenna on the balcony of my flat (5th floor), I estimate the radiated power to be around 2 or 3W only. I am interested to see the results I could achieve with this very low power on this new V4 mode.
My first comment is that I am amazed by the quality already reached at this very early stage of development, the software works, there remains to see what I shall be able to do with my QRP set.
When I activate my station I log in also in http://www.obriensweb.com/sked/
as FK8IH

73 to all, FK8IH - Jean-Claude

168. Re: Direct PTT control through a dedicated PTT Port using the RTS or DTR signals

Yahoo group: V4Protocol
Date: 2010-12-06 08:59:19 UTC
From: stevekb6hoh
Topic: 163 Message: 168

Happy Holidays everybody!

Hey Jon! As far as I can tell NO you don't need anything in the Freq box to beable to TX on FEC. ARQ is disabled at this time from what I have read. (Note V4 defaults to ARQ on startup)
Also it seems for the TX to work the Squelch must be set properly (default is 5) but like you I'm still testing it.
I do have an issue with the "Leader"(aka TXD????)
I'm testing on VHF FM with the following setup:
2ea 2meter radios.
Kenwood TM-733A thru the DataPort with a Signalink USB.
Icom IC-28A with a KH6TY Interface thru the Mic Jack using a Serial port for PTT.
The Kenwood with the Signalink works just fine but I needed to set the TXDelay due to Data loss at the beginning of the TXing.
Now the issue lies with the Icom. NO TXDelay so the 1st 2 Data Bursts are lost but it will start printing on the 3rd. So to make up for the loss I insert a half line string of >>>>>'s at the beginning. I found the problem when running the built in Test feature(The QBF). It needs to be either extended or adjustable. Has anyone else seen this?

73 de Steve KB6HOH

--- In V4Protocol@yahoogroups.com, "Jon" <kt4kb@...> wrote:
>
>
> Andy-
> I found out I clicked on the freq box of a partial, to get it working. lots of clicking and testing so I'm only 75% sure that was the sequence, although I have went in and out of the program and each time was able to get PTT to work
>
> 73 Jon KT4KB
>
>
> --- In V4Protocol@yahoogroups.com, Andy obrien <k3ukandy@> wrote:
> >
> > It has not solve the problem with my TS-2000
> >
> > Andy K3UK
> >
> > On Sun, Dec 5, 2010 at 9:09 PM, Jon <kt4kb@> wrote:
> >
> > >
> > >
> > > Greetings from SC!!!!
> > >

> > > After clicking on an EMPTY Freq box. Direct PTT began working. I have not
> > > pinned it down exactly. But I believe that fixed it for me
> > > 73 de Jon KT4KB
> > >
> > >
> > >
> >
>

169. Re: Direct PTT control through a dedicated PTT Port using the RTS or DTR signals

Yahoo group: V4Protocol
Date: 2010-12-06 09:04:05 UTC
From: stevekb6hoh
Topic: 163 Message: 169

Opps Sorry!

I said V4 defaults to AQR, thats wrong Default is "Mon"

Steve KB6HOH

--- In V4Protocol@yahoogroups.com, "Jon" <kt4kb@...> wrote:
>
>
> Andy-
> I found out I clicked on the freq box of a partial, to get it working. lots of clicking and testing so I'm only 75% sure that was the sequence, although I have went in and out of the program and each time was able to get PTT to work
>
> 73 Jon KT4KB
>
>
> --- In V4Protocol@yahoogroups.com, Andy obrien <k3ukandy@> wrote:
> >
> > It has not solve the problem with my TS-2000
> >
> > Andy K3UK
> >
> > On Sun, Dec 5, 2010 at 9:09 PM, Jon <kt4kb@> wrote:
> >
> > >
> > >
> > > Greetings from SC!!!!
> > >
> > > After clicking on an EMPTY Freq box. Direct PTT began working. I have not
> > > pinned it down exactly. But I believe that fixed it for me
> > > 73 de Jon KT4KB
> > >
> > >
> > >
> > >
> >
>

170. Re: [V4Protocol] FREQUENCY CONTROL

Yahoo group: V4Protocol
Date: 2010-12-06 10:17:57 UTC
From: Hoby KK8G
Topic: 170 Message: 170

Now that problem is "cured", another one popped up. When I click on empty freq box, the current freq is not placed there. When I click on a populated freq box, that freq will appear on my radio display. Does it work both ways? (JIC - I did look in the HELP files, but didn't see,or understand, the answer)
Hoby KK8G/AFA5HF MI
----- Original Message -----
From: Jon
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 05, 2010 9:09 PM
Subject: [V4Protocol] Direct PTT control through a dedicated PTT Port using the RTS or DTR signals

Greetings from SC!!!!

After clicking on an EMPTY Freq box. Direct PTT began working. I have not pinned it down exactly. But I believe that fixed it for me
73 de Jon KT4KB

171. Re: No TX audio from external sound card, no PTT

Yahoo group: V4Protocol
Date: 2010-12-06 11:27:30 UTC
From: Ilkka
Topic: 134 Message: 171

Entering the frequency via the frequency box cured all problems with both stations.

Now I have had almost one QSO; between OH3NJC and OH3NJC-1 (on dummy load), same operator on both stations ;-)

73, Ilkka OH3NJC

172. Unable to Register

Yahoo group: V4Protocol
Date: 2010-12-06 11:27:25 UTC
From: stevekb6hoh
Topic: 172 Message: 172

When I start V4protol and attempt to Register it I get the following:
Server Error in '/' Application.
The resource cannot be found.
Description: HTTP 404. The resource you are looking for (or one of its dependencies) could have been removed, had its name changed, or is temporarily unavailable. Please review the following URL and make sure that it is spelled correctly.
Requested URL: /V4.aspx

I do have the Port 8510 open on my Router so don't think that's the problem. I even tried going directly to the Website but cant find it either.

73 de Steve

173. Re: Unable to Register

Yahoo group: V4Protocol
Date: 2010-12-06 12:10:43 UTC
From: Al
Topic: 172 Message: 173

Steve...

That function is not yet operational. Click the "Remind Me Later" button and continue on...

73, Al/ W8AII/ AAT5DZ

--- In V4Protocol@yahoogroups.com, "stevekb6hoh" <kb6hoh@...> wrote:
>
> When I start V4protol and attempt to Register it I get the following:
> Server Error in '/' Application.
> The resource cannot be found.
> Description: HTTP 404. The resource you are looking for (or one of its dependencies) could have been removed, had its name changed, or is temporarily unavailable. Please review the following URL and make sure that it is spelled correctly.
> Requested URL: /V4.aspx
>
> I do have the Port 8510 open on my Router so don't think that's the problem. I even tried going directly to the Website but cant find it either.
>
> 73 de Steve
>

174. Re: [V4Protocol] Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-06 12:31:20 UTC
From: Andy obrien
Topic: 167 Message: 174

Good to see you try Jean-Claude and good to see you use the sked page. I hope to work you one day

Andy K3UK

On Sun, Dec 5, 2010 at 11:10 PM, jcglt <jcjglt@...> wrote:

>
>
> I did a first test on the air today on 14073. Heard nobody and was not
> heard too. However everything worked nicely : setup, TNC, test, CWID, a few
> CQs sent. I'll try again the next days.
> Usually I have very good connects on WINMOR mode on 14110.5 with VK2JN-5 in
> Sydney (1250 miles distance) with very marginal local conditions here : a
> FT897D sending 30W in a mobile Hustler antenna on the balcony of my flat
> (5th floor), I estimate the radiated power to be around 2 or 3W only. I am
> interested to see the results I could achieve with this very low power on
> this new V4 mode.
> My first comment is that I am amazed by the quality already reached at this
> very early stage of development, the software works, there remains to see
> what I shall be able to do with my QRP set.
> When I activate my station I log in also in
> http://www.obriensweb.com/sked/
> as FK8IH
>
> 73 to all, FK8IH - Jean-Claude
>
>
>

175. Creating macros in the 'User Files'

Yahoo group: V4Protocol
Date: 2010-12-06 14:51:00 UTC
From: dpanaioti
Topic: 175 Message: 175

Creating macros in 'User files' and then sending (transmitting)them makes sending information easier.
73, Deme, VE7CRT

176. Re: [V4Protocol]

Yahoo group: V4Protocol
Date: 2010-12-06 15:01:39 UTC
From: David Bastress
Topic: 102 Message: 176

GM All,

I downloaded V4 on my work computer a little while ago and it seems to work ok on it.(At least receiving) Using the WB4MAK webSDR receiver I just monitored WB4BDS calling CQ on 7080.5 and then have a QSO with NA4C. Copy was good on both stations with only an occasional error in copy.

Now if I can figure out why I can't do that on my home computer. I only get about a third of the frames that are sent. The rest of the frames don't even try to copy! :-(

Dave K3GAU

177. VE7CRT. I'm sitting on 7073 KHz, looking for a qso.

Yahoo group: V4Protocol
Date: 2010-12-06 15:10:37 UTC
From: dpanaioti
Topic: 177 Message: 177

[Body unavailable in the source archive]

178. [V4Protocol] working now

Yahoo group: V4Protocol
Date: 2010-12-06 15:10:45 UTC
From: Fred G -w1wyc
Topic: 157 Message: 178

Hi Andy,

I played with V4Chat a short time ago and I can get PTT working via a dedicated Comport. Reading some of the mail from others I figured I'd see what I could do. In MODE click "FEC". The FREQ referenced
is in the subject title at the top of the log page. Actually you can right click on any of the items: Contact, Name Freq, etc. and it will bring up another window where you enter contact
information. There is a write-up on it in Help under "MainV4 chat Form". Enter a contact such as, W1WYC, 14111.0, Fred, FN42jm.
Click the edit option and the contact will appear in the log, highlighted in blue. Click in the transmit buffer and enter a line of
information. Upon hitting ENTER my FT-920 sent the info. Now I have to try a real contact. The other thing I found was that I
had to have more than one contact in the log in order for PTT to work after invoking V4Chat. After bringing up V4Chat I had to click on
another entry in the log before the PTT would work. Its all stuff you can work around. Hope it helps.
Now for a real contact.

73 & GL,
Fred, W1WYC

----- Original Message -----
From: Andy obrien
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 05, 2010 7:48 PM
Subject: [Spam] Re: [V4Protocol] working now

where is this magic freq box ?

On Sun, Dec 5, 2010 at 7:47 PM, afa4qg <w4web@...> wrote:

Clicking on the FREQ box does indeed work with my TS870S
- Eureka - COM1 port now keys the PTT
73,
Dick, W4WEB/AFA4QG

179. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-06 15:30:15 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 179

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.1.2.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.1.2.0 Full Install

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.1.2.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

180. New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-06 15:35:43 UTC
From: Rick Muething
Topic: 180 Message: 180

All,
I have uploaded a new update. For the near term these will NOT be auto updates but full installs. You must uninstall your present version but all settings (ini files and logs) will be maintained. This should fix at least most of the observed PTT problems and exceptions resulting in editing the send text box. Also note the green lines on the waterfall and the busy detector are now expanded to include the tuning range. For a signal to be copied it should be completely between the twin green lines.

Good luck.

Rick KN6KB

V4 Chat Revision History

12/04/2010 0.1.1.0 Initial Alpha Release. ARQ mode not enabled. Initial V4 Chat Help included.

12/06/2010 0.1.2.0 Fixed text entry window to avoid exception. Cut/copy/paste still not yet functional.
Fix initialization of Radio class to set up control ports after startup. (Verified on TS480)

V4 TNC Revision History

12/04/2010 0.1.1.0 Initial Alpha Release. Initial V4 TNC Help included.

12/06/2010 0.1.2.0 Update dblCorAvg averaging functions in V4Protocol.ThreshDetect to improve sensitivity at low S/N
Modify UpdateWaterfall and BusyDetect to include selected tuning range

181. RMS WINMOR Stations interference from V4

Yahoo group: V4Protocol
Date: 2010-12-06 15:56:00 UTC
From: Michael - VA3LKI
Topic: 181 Message: 181

It hasn't taken long before stations have determined it would be ok to place V4 operations on the same frequency as RMS Pactor and Winmor stations.

This morning no less than 3 stations have operated on the same center frequency as the RMS Winmor station - VA3LKI-5.

Two days ago I attempted to draw peoples attention to the use of the existing Pactor and Winmor frequency lists as references BEFORE they determined to operate the new V4 mode.

PLEASE REFER TO THE LISTS AND NOT OPERATE ON THE EXISTING PACTOR AND WINMOR SERVER FREQUENCIES, OR WITHIN THEIR OPERATING BANDWIDTH.

73
Michael - Sysop
VA3LKI / VA3LKI-5

182. Re: New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-06 15:56:37 UTC
From: ka1gmn
Topic: 180 Message: 182

Just installed...PTT works fine now. I am using COM6 w/ a Keyspan USB to RS-232C adapter. Thanks Rick..nice job!

Philw de ka1gmn

183. Re: [V4Protocol] RMS WINMOR Stations interference from V4

Yahoo group: V4Protocol
Date: 2010-12-06 16:05:40 UTC
From: David Bastress
Topic: 181 Message: 183

Fellows,

Why don't you move up at least one and half KHz. above the RMS stations. Like 7081.0 instead of trying to squeeze down tight on the W4JLE-5 RMS station. I've been listening to the goings on, on 40 this morning and V4 stations are having problems when the RMS station comes on. Move up frequency a bit more to 7081.0 or even a little higher! We do have VFOs!!

Dave K3GAU

184. Re: New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-06 16:08:21 UTC
From: Al
Topic: 180 Message: 184

Rick...

V4 Chat opens up as Ver. 0.1.1.0 but the TNC opens as Ver. 0.1.2.0 Is that correct?

73, Al/ W8AII/ AAT5DZ

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> All,
> I have uploaded a new update. For the near term these will NOT be auto updates but full installs. You must uninstall your present version but all settings (ini files and logs) will be maintained. This should fix at least most of the observed PTT problems and exceptions resulting in editing the send text box. Also note the green lines on the waterfall and the busy detector are now expanded to include the tuning range. For a signal to be copied it should be completely between the twin green lines.
>
> Good luck.
>
> Rick KN6KB
>
>
> V4 Chat Revision History
>
> 12/04/2010 0.1.1.0 Initial Alpha Release. ARQ mode not enabled. Initial V4 Chat Help included.
>
> 12/06/2010 0.1.2.0 Fixed text entry window to avoid exception. Cut/copy/paste still not yet functional.
> Fix initialization of Radio class to set up control ports after startup. (Verified on TS480)
>
>
>
> V4 TNC Revision History
>
> 12/04/2010 0.1.1.0 Initial Alpha Release. Initial V4 TNC Help included.
>
> 12/06/2010 0.1.2.0 Update dblCorAvg averaging functions in V4Protocol.ThreshDetect to improve sensitivity at low S/N
> Modify UpdateWaterfall and BusyDetect to include selected tuning range
>

185. Re: [V4Protocol] Bug Report

Yahoo group: V4Protocol
Date: 2010-12-06 16:12:08 UTC
From: Jay Rutherford
Topic: 180 Message: 185

I don't remember seeing it mentioned, but when restoring a minimized main V4 screen, it comes back up "shrunk" rather than retaining my settings for window size.

73 Jay K3BH

186. Re: New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-06 16:13:33 UTC
From: gary_n7xoo
Topic: 180 Message: 186

Hi Rick,

I just installed the latest update 0.1.2.0 after uninstalling the original 0.1.1.0. The install went fine and all seems to be working, however, the V4 Chat program still shows the version as 0.1.1.0. The V4 TNC shows the correct version 0.1.2.0.

Not a big deal, but I thought you should know just in case you need to update the Chat program or the zip distribution.

I'm on a Win7 64 bit system.

73,

Gary N7XOO

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> All,
> I have uploaded a new update. For the near term these will NOT be auto updates but full installs. You must uninstall your present version but all settings (ini files and logs) will be maintained. This should fix at least most of the observed PTT problems and exceptions resulting in editing the send text box. Also note the green lines on the waterfall and the busy detector are now expanded to include the tuning range. For a signal to be copied it should be completely between the twin green lines.
>
> Good luck.
>
> Rick KN6KB
>
>
> V4 Chat Revision History
>
> 12/04/2010 0.1.1.0 Initial Alpha Release. ARQ mode not enabled. Initial V4 Chat Help included.
>
> 12/06/2010 0.1.2.0 Fixed text entry window to avoid exception. Cut/copy/paste still not yet functional.
> Fix initialization of Radio class to set up control ports after startup. (Verified on TS480)
>
>
>
> V4 TNC Revision History
>
> 12/04/2010 0.1.1.0 Initial Alpha Release. Initial V4 TNC Help included.
>

> 12/06/2010 0.1.2.0 Update dblCorAvg averaging functions in V4Protocol.ThreshDetect to improve sensitivity at low S/N
> Modify UpdateWaterfall and BusyDetect to include selected tuning range
>

187. Re: New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-06 16:21:55 UTC
From: dpanaioti
Topic: 180 Message: 187

Same at VE7CRT.
Also:
Can no longer delete text in the Rx or Tx windows by highlighting then hitting the Del key on keyboard.

"Send" in User Files dropdown menu does not work any more. Cannot send 'macros' anymore.
73, Deme, VE7CRT.

--- In V4Protocol@yahoogroups.com, "Al" <w8aii@...> wrote:
>
> Rick...
>
> V4 Chat opens up as Ver. 0.1.1.0 but the TNC opens as Ver. 0.1.2.0 Is that correct?
>
> 73, Al/ W8AII/ AAT5DZ
>
> --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> >
> > All,
> > I have uploaded a new update. For the near term these will NOT be auto updates but full installs. You must uninstall your present version but all settings (ini files and logs) will be maintained. This should fix at least most of the observed PTT problems and exceptions resulting in editing the send text box. Also note the green lines on the waterfall and the busy detector are now expanded to include the tuning range. For a signal to be copied it should be completely between the twin green lines.
> >
> > Good luck.
> >
> > Rick KN6KB
> >
> >
> > V4 Chat Revision History
> >
> > 12/04/2010 0.1.1.0 Initial Alpha Release. ARQ mode not enabled. Initial V4 Chat Help included.
> >
> > 12/06/2010 0.1.2.0 Fixed text entry window to avoid exception. Cut/copy/paste still not yet functional.
> > Fix initialization of Radio class to set up control ports after startup. (Verified on TS480)
> >
> >
> >
> > V4 TNC Revision History
> >

> > 12/04/2010 0.1.1.0 Initial Alpha Release. Initial V4 TNC Help included.
> >
> > 12/06/2010 0.1.2.0 Update dblCorAvg averaging functions in V4Protocol.ThreshDetect to improve sensitivity at low S/N
> > Modify UpdateWaterfall and BusyDetect to include selected tuning range
> >
>

188. Re: [V4Protocol] RMS WINMOR Stations interference from V4

Yahoo group: V4Protocol
Date: 2010-12-06 16:26:48 UTC
From: Andy obrien
Topic: 181 Message: 188

This should not be an issue. RMS Winmor and Winlink Pactor stations are numerous and throughout the bands, therefore I don't know if we can say there is a specific sub-band to avoid. If the servers use their busy detect, and the V4 chatters use their ears, we should be OK. I'm not in favor of saying no one can use a server's known frequency. Rather, it should be " please don't use if the frequency is busy" ... with WInmor, V4, or anything else.

Andy K3UK

On Mon, Dec 6, 2010 at 11:05 AM, David Bastress <bastress@...>wrote:

>
>
> Fellows,
>
> Why don't you move up at least one and half KHz. above the RMS stations.
> Like 7081.0 instead of trying to squeeze down tight on the W4JLE-5 RMS
> station. I've been listening to the goings on, on 40 this morning and V4
> stations are having problems when the RMS station comes on. Move up
> frequency a bit more to 7081.0 or even a little higher! We do have VFOs!!
>
> Dave K3GAU
>
>

189. Re: [V4Protocol] RMS WINMOR Stations interference from V4

Yahoo group: V4Protocol
Date: 2010-12-06 16:28:15 UTC
From: Phil Williams
Topic: 181 Message: 189

Well said.

Philw de KA1GMN

On Dec 6, 2010 10:26 AM, "Andy obrien" <k3ukandy@...> wrote:

This should not be an issue. RMS Winmor and Winlink Pactor stations are numerous and throughout the bands, therefore I don't know if we can say there is a specific sub-band to avoid. If the servers use their busy detect, and the V4 chatters use their ears, we should be OK. I'm not in favor of saying no one can use a server's known frequency. Rather, it should be " please don't use if the frequency is busy" ... with WInmor, V4, or anything else.

Andy K3UK

On Mon, Dec 6, 2010 at 11:05 AM, David Bastress <bastress@...>
wrote:
>
>
>
> Fellow...

190. Re: New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-06 16:32:51 UTC
From: dpanaioti
Topic: 180 Message: 190

Correction VE7CRT:
'Send' in User Files started working suddenly. Can now send user files.
Also, can now erase text in Rx window but not in Tx window.
Deme VE7CRT.

--- In V4Protocol@yahoogroups.com, "dpanaioti" <deme@...> wrote:
>
> Same at VE7CRT.
> Also:
> Can no longer delete text in the Rx or Tx windows by highlighting then hitting the Del key on keyboard.
>
> "Send" in User Files dropdown menu does not work any more. Cannot send 'macros' anymore.
> 73, Deme, VE7CRT.
>
> --- In V4Protocol@yahoogroups.com, "Al" <w8aii@> wrote:
> >
> > Rick...
> >
> > V4 Chat opens up as Ver. 0.1.1.0 but the TNC opens as Ver. 0.1.2.0 Is that correct?
> >
> > 73, Al/ W8AII/ AAT5DZ
> >
> > --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> > >
> > > All,
> > > I have uploaded a new update. For the near term these will NOT be auto updates but full installs. You must uninstall your present version but all settings (ini files and logs) will be maintained. This should fix at least most of the observed PTT problems and exceptions resulting in editing the send text box. Also note the green lines on the waterfall and the busy detector are now expanded to include the tuning range. For a signal to be copied it should be completely between the twin green lines.
> > >
> > > Good luck.
> > >
> > > Rick KN6KB
> > >
> > >
> > > V4 Chat Revision History
> > >
> > > 12/04/2010 0.1.1.0 Initial Alpha Release. ARQ mode not enabled. Initial V4 Chat Help included.
> > >
> > > 12/06/2010 0.1.2.0 Fixed text entry window to avoid exception. Cut/copy/paste still not yet functional.

> > > Fix initialization of Radio class to set up control ports after startup. (Verified on TS480)
> > >
> > >
> > >
> > > V4 TNC Revision History
> > >
> > > 12/04/2010 0.1.1.0 Initial Alpha Release. Initial V4 TNC Help included.
> > >
> > > 12/06/2010 0.1.2.0 Update dblCorAvg averaging functions in V4Protocol.ThreshDetect to improve sensitivity at low S/N
> > > Modify UpdateWaterfall and BusyDetect to include selected tuning range
> > >
> >
>

191. Re: New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-06 16:35:49 UTC
From: ka1gmn
Topic: 180 Message: 191

Send file function working here also....philw de ka1gmn

192. Re: [V4Protocol] Re: New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-06 16:53:10 UTC
From: Rick Muething
Topic: 180 Message: 192

Whoops,

It does report the version incorrectly as 0.1.1.0 but it should say 0.1.2.0 my mistake missing one of the references.

Also with respect to the text windows:
These are not typical text windows which you can edit!
1) The text in the Session window (upper right) is what is sent and received (its also logged). You can't add text to it from the keyboard.
2) In the Send window you can't erase anything that has already been sent (a <CR> sends the text). So this window always shows what has been sent and what you are currently typing.

The idea of these is to give you not only a place to enter and read text but to show a history of what has happened. If you restart the program the text boxes will be cleared.

Rick KN6KB

From: ka1gmn
Sent: Monday, December 06, 2010 11:35 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: New Update 0.1.2.0

Send file function working here also....philw de ka1gmn

193. Good First Test

Yahoo group: V4Protocol
Date: 2010-12-06 17:09:22 UTC
From: kb3fxi
Topic: 193 Message: 193

Hello all,

I had 3 successful qso's on 7.073 USB over the last hour or so.

Noise here is about s5 today. Near perfect copy on all stations at or above about s7-s9. Negagive copy while monitoring a qso on the lighter station which was just about at the noise level.

No problems on PTT with IC-7200 running with the USB Signalink... it just worked!

I wish there were a way to type while in TX. The current configuration makes for some pretty long overs.

I see that V4 seems to be dependent on .NET. Am I correct in my assumption that the program will be limited to the Windows OS?

Looking forward to more testing. So far, so good. Thanks for a good first few alpha's!

-Dave, KB3FXI

194. V4 Interference with RMS Servers.

Yahoo group: V4Protocol
Date: 2010-12-06 17:23:02 UTC
From: Michael - VA3LKI
Topic: 194 Message: 194

Fred

Thanks for recommending V4 stations move to 7080.5 right on top of the VA3LKI-5 Winmor dial frequency!

Does the world of good for my operation. Have sent a number of messages to 'offending' stations already today.

Please folks, read the frequency and time schedules BEFORE you transmit anywhere no matter who advises you of a good frequency.

For a few hours during the day, the station here moves from 40 to 30 - and then back to 40m, and I have no problem if you keep the frequency warm during that time, but would really appreciate the same consideration during the posted Server operation times. Better yet, what happened to the suggestion of operating just above the PSK groups?

Thanks

Michael - Sysop
VA3LKI Pactor / VA3LKI-5 WINMOR

Messages in this topic
(2) 8b. Re: LOADED ON 40 Posted by: "Dr Fred Hambrecht" w4jle@... ? w4jle Sun Dec?5,?2010 9:45?am (PST)

The only problem is your all playing hell with my WINMOR RMS on 7079.5, If I could get you to move up to 7080.5 it would be much appreciated. I have a bunch of folks out on the ocean with weak signals and the V4 200 Hz away desenses my receiver. Thanks much folks, this RMS handles the most traffic of any RMS station in the US and your cooperation would be appreciated by many.

73

Fred W4JLE-5

195. RE: [V4Protocol] RMS WINMOR Stations interference from V4

Yahoo group: V4Protocol
Date: 2010-12-06 17:27:01 UTC
From: Dr Fred Hambrecht
Topic: 181 Message: 195

Thanks Dave,

It is a two way street. I have any number of folks out in the Atlantic that use my station. They have a heck of a ground plane, but usually a loaded backstay etc. They in many cases are really weak but still get through. When a V4 station comes on 7080 it drives my AGC down and not only is the station lost, but my blasting repeats screws up the V4 stations. Stations on 7080.5 are no problem in either direction. We have a lot of the "snowbirds" in transit this time of year and my station is in constant use.

73

Fred W4JLE-5

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of David Bastress
Sent: Monday, December 06, 2010 11:06 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] RMS WINMOR Stations interference from V4

Fellows,

Why don't you move up at least one and half KHz. above the RMS stations. Like 7081.0 instead of trying to squeeze down tight on the W4JLE-5 RMS station. I've been listening to the goings on, on 40 this morning and V4 stations are having problems when the RMS station comes on. Move up frequency a bit more to 7081.0 or even a little higher! We do have VFOs!!

Dave K3GAU

196. Re: [V4Protocol] Good First Test

Yahoo group: V4Protocol
Date: 2010-12-06 17:46:28 UTC
From: Hoby KK8G
Topic: 193 Message: 196

HMMM.. I have not noticed that you can't type while in TX. I thought I was doing it all along while you were sitting there.. Maybe I wasn't. Have to look it over next time.. You had a good signal here..
73
Hoby KK8G/AFA5HF
----- Original Message -----
From: kb3fxi
To: V4Protocol@yahoogroups.com
Sent: Monday, December 06, 2010 12:09 PM
Subject: [V4Protocol] Good First Test

Hello all,

I had 3 successful qso's on 7.073 USB over the last hour or so.

Noise here is about s5 today. Near perfect copy on all stations at or above about s7-s9. Negagive copy while monitoring a qso on the lighter station which was just about at the noise level.

No problems on PTT with IC-7200 running with the USB Signalink... it just worked!

I wish there were a way to type while in TX. The current configuration makes for some pretty long overs.

I see that V4 seems to be dependent on .NET. Am I correct in my assumption that the program will be limited to the Windows OS?

Looking forward to more testing. So far, so good. Thanks for a good first few alpha's!

-Dave, KB3FXI

197. Re: Good First Test

Yahoo group: V4Protocol
Date: 2010-12-06 17:51:42 UTC
From: KB3FXI
Topic: 193 Message: 197

You were solid here, too, Hoby.

The way I think I understand the tx is, you have to type your text then hit CR (enter on the keyboard) to transmit. But once you do hit enter, the program goes back to rx automatically at the point where you hit enter. Anything typed beyond that point isn't transmitted until you hit enter again.

-Dave, KB3FXI

--- In V4Protocol@yahoogroups.com, "Hoby KK8G" <kk8g@...> wrote:
>
> HMMM.. I have not noticed that you can't type while in TX. I thought I was doing it all along while you were sitting there.. Maybe I wasn't. Have to look it over next time.. You had a good signal here..
> 73
> Hoby KK8G/AFA5HF
> ----- Original Message -----
> From: kb3fxi
> To: V4Protocol@yahoogroups.com
> Sent: Monday, December 06, 2010 12:09 PM
> Subject: [V4Protocol] Good First Test
>
>
>
> Hello all,
>
> I had 3 successful qso's on 7.073 USB over the last hour or so.
>
> Noise here is about s5 today. Near perfect copy on all stations at or above about s7-s9. Negagive copy while monitoring a qso on the lighter station which was just about at the noise level.
>
> No problems on PTT with IC-7200 running with the USB Signalink... it just worked!
>
> I wish there were a way to type while in TX. The current configuration makes for some pretty long overs.
>
> I see that V4 seems to be dependent on .NET. Am I correct in my assumption that the program will be limited to the Windows OS?
>
> Looking forward to more testing. So far, so good. Thanks for a good first few alpha's!
>
> -Dave, KB3FXI
>

198. RE: [V4Protocol] V4 Interference with RMS Servers.

Yahoo group: V4Protocol
Date: 2010-12-06 17:55:17 UTC
From: Dr Fred Hambrecht
Topic: 194 Message: 198

My bad, I have not seen anything on that frequency at my location.
Mea Culpa!
Fred W4JLE-5

-----Original Message-----
From: V4Protocol@...m [mailto:V4Protocol@yahoogroups.com] On
Behalf Of Michael - VA3LKI
Sent: Monday, December 06, 2010 12:23 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Interference with RMS Servers.

Fred

Thanks for recommending V4 stations move to 7080.5 right on top of the
VA3LKI-5 Winmor dial frequency!

Does the world of good for my operation. Have sent a number of messages to
'offending' stations already today.

Please folks, read the frequency and time schedules BEFORE you transmit
anywhere no matter who advises you of a good frequency.

For a few hours during the day, the station here moves from 40 to 30 - and
then back to 40m, and I have no problem if you keep the frequency warm
during that time, but would really appreciate the same consideration during
the posted Server operation times. Better yet, what happened to the
suggestion of operating just above the PSK groups?

Thanks

Michael - Sysop
VA3LKI Pactor / VA3LKI-5 WINMOR

Messages in this topic
(2) 8b. Re: LOADED ON 40 Posted by: "Dr Fred Hambrecht" w4jle@...
  w4jle Sun Dec 5, 2010 9:45 am (PST)

The only problem is your all playing hell with my WINMOR RMS on 7079.5, If I
could get you to move up to 7080.5 it would be much appreciated. I have a
bunch of folks out on the ocean with weak signals and the V4 200 Hz away
desenses my receiver. Thanks much folks, this RMS handles the most traffic
of any RMS station in the US and your cooperation would be appreciated by
many.

73

Fred W4JLE-5

Yahoo! Groups Links

199. Re: [V4Protocol] Re: Good First Test

Yahoo group: V4Protocol
Date: 2010-12-06 17:59:46 UTC
From: Hoby KK8G
Topic: 193 Message: 199

OK, now I understand what you meant. Thought you meant the type ahead buffer was not operating.. Thanks for waking me up..
73
Hoby KK8G

----- Original Message -----
From: KB3FXI
To: V4Protocol@yahoogroups.com
Sent: Monday, December 06, 2010 12:51 PM
Subject: [V4Protocol] Re: Good First Test

You were solid here, too, Hoby.

The way I think I understand the tx is, you have to type your text then hit CR (enter on the keyboard) to transmit. But once you do hit enter, the program goes back to rx automatically at the point where you hit enter. Anything typed beyond that point isn't transmitted until you hit enter again.

-Dave, KB3FXI

--- In V4Protocol@yahoogroups.com, "Hoby KK8G" <kk8g@...> wrote:
>
> HMMM.. I have not noticed that you can't type while in TX. I thought I was doing it all along while you were sitting there.. Maybe I wasn't. Have to look it over next time.. You had a good signal here..
> 73
> Hoby KK8G/AFA5HF
> ----- Original Message -----
> From: kb3fxi
> To: V4Protocol@yahoogroups.com
> Sent: Monday, December 06, 2010 12:09 PM
> Subject: [V4Protocol] Good First Test
>
>
>
> Hello all,
>
> I had 3 successful qso's on 7.073 USB over the last hour or so.
>
> Noise here is about s5 today. Near perfect copy on all stations at or above about s7-s9. Negagive copy while monitoring a qso on the lighter station which was just about at the noise level.
>
> No problems on PTT with IC-7200 running with the USB Signalink... it just worked!
>
> I wish there were a way to type while in TX. The current configuration makes for some

pretty long overs.
>
> I see that V4 seems to be dependent on .NET. Am I correct in my assumption that the program will be limited to the Windows OS?
>
> Looking forward to more testing. So far, so good. Thanks for a good first few alpha's!
>
> -Dave, KB3FXI
>

200. V4Protocol activity in EU

Yahoo group: V4Protocol
Date: 2010-12-06 18:14:54 UTC
From: gerry_lawlor
Topic: 200 Message: 200

Any activity in EU so far?

Latest version is now working for me with COM port PTT and tx audio functional. Not much point listening on W/VE channels during evening here in EU and 20m and 30m are stone dead quite early. So where to listen/call?

Can someone suggest an activity channel or two for EU stations. Also can we agree on which sideband to use and whether to use dial or centre frequency in specifying such channels.

73
Gerry/EI9FV

201. Re: [V4Protocol] V4Protocol activity in EU

Yahoo group: V4Protocol
Date: 2010-12-06 18:17:33 UTC
From: Steinar Aanesland
Topic: 200 Message: 201

Hi,

What about 3598 USB ?

la5vna S

On 06.12.2010 19:14, gerry_lawlor wrote:
> Any activity in EU so far?
>
> Latest version is now working for me with COM port PTT and tx audio functional. Not much point listening on W/VE channels during evening here in EU and 20m and 30m are stone dead quite early. So where to listen/call?
>
> Can someone suggest an activity channel or two for EU stations. Also can we agree on which sideband to use and whether to use dial or centre frequency in specifying such channels.
>
> 73
> Gerry/EI9FV
>
>

202. Re: V4Protocol activity in EU

Yahoo group: V4Protocol
Date: 2010-12-06 18:22:50 UTC
From: gerry_lawlor
Topic: 200 Message: 202

Hi Steiner. Presumably you mean dial (carrier) frequency? If so can listen up there presuming no SSB activity. There is usually some mainly DL 32/1000 Olivia a little lower than that but that should not interfere.

Will set up rig on 3598 usb dial now and see what happens with 50w and a mediocre dipole.

Gerry/EI9FV
--- In V4Protocol@yahoogroups.com, Steinar Aanesland <saanes@...> wrote:
>
>
> Hi,
>
> What about 3598 USB ?
>
> la5vna S
>
>
> On 06.12.2010 19:14, gerry_lawlor wrote:
> > Any activity in EU so far?
> >
> > Latest version is now working for me with COM port PTT and tx audio functional. Not much point listening on W/VE channels during evening here in EU and 20m and 30m are stone dead quite early. So where to listen/call?
> >
> > Can someone suggest an activity channel or two for EU stations. Also can we agree on which sideband to use and whether to use dial or centre frequency in specifying such channels.
> >
> > 73
> > Gerry/EI9FV
> >
> >
>

203. Re: [V4Protocol] New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-06 18:30:39 UTC
From: Chuck
Topic: 180 Message: 203

Rick; new version loaded OK here. IC-7200 PTT now working.

Noted: Log no longer has date/time, had to put in manually.

IC-7200 will now work with radio control within one manually selected band, won't change to different bands by clicking on log entry.

The two tone test a great tool for setting the power level but has to be set to drive transmitter to 100 Watts just to get 40-50 Watts during normal data transmission. (On PTT the leader also hits 100 Watts momentarily then settles back to about 45 Watts during data transmission.)

The busy detector prevented me from finishing a QSO when a noise passed through the receive window. The choice to over ride would have helped.

I hope this is useful information for future revs.

73;
Chuck, WA7BRL

----- Original Message -----
From: "Rick Muething" <rmuething@....com>
To: V4Protocol@yahoogroups.com
Sent: Monday, December 6, 2010 7:35:43 AM
Subject: [V4Protocol] New Update 0.1.2.0

All,
I have uploaded a new update. For the near term these will NOT be auto updates but full installs. You must uninstall your present version but all settings (ini files and logs) will be maintained. This should fix at least most of the observed PTT problems and exceptions resulting in editing the send text box. Also note the green lines on the waterfall and the busy detector are now expanded to include the tuning range. For a signal to be copied it should be completely between the twin green lines.

Good luck.

Rick KN6KB

V4 Chat Revision History

12/04/2010   0.1.1.0 Initial Alpha Release. ARQ mode not enabled. Initial V4 Chat Help included.

12/06/2010   0.1.2.0 Fixed text entry window to avoid exception. Cut/copy/paste still not yet functional.
             Fix initialization of Radio class to set up control ports after startup. (Verified on TS480)

V4 TNC Revision History

12/04/2010 0.1.1.0 Initial Alpha Release. Initial V4 TNC Help included.

12/06/2010 0.1.2.0 Update dblCorAvg averaging functions in V4Protocol.ThreshDetect to improve sensitivity at low S/N
Modify UpdateWaterfall and BusyDetect to include selected tuning range

204. Re: V4 Interference with RMS Servers.

Yahoo group: V4Protocol
Date: 2010-12-06 18:38:13 UTC
From: va3lki
Topic: 194 Message: 204

Don't sweat it Fred. Just one more opportunity to encourage V4 users to check the station listings/schedules that are readily available.

It will all get sorted out in a few days, but sometimes we have to step up and make sure our presence is known.

We took care to slip in between other Servers at the outset after moving away from Rick's frequency on 40m nearly a year ago, so that is likely why you were not aware we were 'neighbours'.

73
Michael

--- In V4Protocol@yahoogroups.com, "Dr Fred Hambrecht" <w4jle@...> wrote:
>
> My bad, I have not seen anything on that frequency at my location.
> Mea Culpa!
> Fred W4JLE-5
>
> -----Original Message-----
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of Michael - VA3LKI
> Sent: Monday, December 06, 2010 12:23 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] V4 Interference with RMS Servers.
>
> Fred
>
> Thanks for recommending V4 stations move to 7080.5 right on top of the
> VA3LKI-5 Winmor dial frequency!
>
> Does the world of good for my operation. Have sent a number of messages to
> 'offending' stations already today.
>
> Please folks, read the frequency and time schedules BEFORE you transmit
> anywhere no matter who advises you of a good frequency.
>
> For a few hours during the day, the station here moves from 40 to 30 - and
> then back to 40m, and I have no problem if you keep the frequency warm
> during that time, but would really appreciate the same consideration during
> the posted Server operation times. Better yet, what happened to the
> suggestion of operating just above the PSK groups?
>
> Thanks
>
> Michael - Sysop

> VA3LKI Pactor / VA3LKI-5 WINMOR
>
>
> Messages in this topic
> (2) 8b. Re: LOADED ON 40 Posted by: "Dr Fred Hambrecht" w4jle@...
> w4jle Sun Dec 5, 2010 9:45 am (PST)
>
> The only problem is your all playing hell with my WINMOR RMS on 7079.5, If I
> could get you to move up to 7080.5 it would be much appreciated. I have a
> bunch of folks out on the ocean with weak signals and the V4 200 Hz away
> desenses my receiver. Thanks much folks, this RMS handles the most traffic
> of any RMS station in the US and your cooperation would be appreciated by
> many.
>
> 73
>
> Fred W4JLE-5
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

205. Re: [V4Protocol] New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-06 18:41:36 UTC
From: Rick Muething
Topic: 180 Message: 205

Chuck,

Read in help about setting drive level. You want it to register at NO MORE than 60-70% of your rated PEP output. E.g. 60-70 Watts out on an average reading watt meter for a 100 Watt PEP transmitter. The leader (two tone) is sent at a slightly higher level but still has the same RMS power (what an average reading watt meter reads) as the data. If you hit 100 watts PEP on the leader the average reading watt meter will read 70 Watts for both leader and data. Remember they may be several “downstream” volume/drive level adjustments past the sound card (Windows Mixer, sound card interface, transceiver drive level or mike gain).

Rick KN6KB

From: Chuck
Sent: Monday, December 06, 2010 1:30 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New Update 0.1.2.0

Rick; new version loaded OK here. IC-7200 PTT now working.

Noted: Log no longer has date/time, had to put in manually.

IC-7200 will now work with radio control within one manually selected band, won't change to different bands by clicking on log entry.

The two tone test a great tool for setting the power level but has to be set to drive transmitter to 100 Watts just to get 40-50 Watts during normal data transmission. (On PTT the leader also hits 100 Watts momentarily then settles back to about 45 Watts during data transmission.)

The busy detector prevented me from finishing a QSO when a noise passed through the receive window. The choice to over ride would have helped.

I hope this is useful information for future revs.

73;
Chuck, WA7BRL

----- Original Message -----
From: "Rick Muething" <mailto:rmuething%40cfl.rr.com>
To: mailto:V4Protocol%40yahoogroups.com
Sent: Monday, December 6, 2010 7:35:43 AM
Subject: [V4Protocol] New Update 0.1.2.0

All,
I have uploaded a new update. For the near term these will NOT be auto updates but full installs. You must uninstall your present version but all settings (ini files and logs) will be maintained. This should fix at least most of the observed PTT problems and exceptions resulting in editing the send text box. Also note the green lines on the

waterfall and the busy detector are now expanded to include the tuning range. For a signal to be copied it should be completely between the twin green lines.

Good luck.

Rick KN6KB

V4 Chat Revision History

12/04/2010 0.1.1.0 Initial Alpha Release. ARQ mode not enabled. Initial V4 Chat Help included.

12/06/2010 0.1.2.0 Fixed text entry window to avoid exception. Cut/copy/paste still not yet functional.
Fix initialization of Radio class to set up control ports after startup. (Verified on TS480)

V4 TNC Revision History

12/04/2010 0.1.1.0 Initial Alpha Release. Initial V4 TNC Help included.

12/06/2010 0.1.2.0 Update dblCorAvg averaging functions in V4Protocol.ThreshDetect to improve sensitivity at low S/N
Modify UpdateWaterfall and BusyDetect to include selected tuning range

206. V4Protocol in EU

Yahoo group: V4Protocol
Date: 2010-12-06 18:46:56 UTC
From: gerry_lawlor
Topic: 206 Message: 206

Listening on 3598 USB this evening. Some adjacent SSB qrm at times but as good a channel as any on this noisy band. 50W and doublet antenna available.

Gerry/EI9FV

207. Re: Unable to Register

Yahoo group: V4Protocol
Date: 2010-12-06 18:47:27 UTC
From: stevekb6hoh
Topic: 172 Message: 207

Hey Al,

GM and Tnx for the update.

73 de Steve KB6HOH
(Formerly AAA9CN/AAV9EB Northern Calif)

--- In V4Protocol@yahoogroups.com, "Al" <w8aii@...> wrote:
>
> Steve...
>
> That function is not yet operational. Click the "Remind Me Later" button and continue on...
>
> 73, Al/ W8AII/ AAT5DZ
>
> --- In V4Protocol@yahoogroups.com, "stevekb6hoh" <kb6hoh@> wrote:
> >
> > When I start V4protol and attempt to Register it I get the following:
> > Server Error in '/' Application.
> > The resource cannot be found.
> > Description: HTTP 404. The resource you are looking for (or one of its dependencies) could have been removed, had its name changed, or is temporarily unavailable. Please review the following URL and make sure that it is spelled correctly.
> > Requested URL: /V4.aspx
> >
> > I do have the Port 8510 open on my Router so don't think that's the problem. I even tried going directly to the Website but cant find it either.
> >
> > 73 de Steve
> >
>

208. Re: [V4Protocol] V4 Interference with RMS Servers.

Yahoo group: V4Protocol
Date: 2010-12-06 18:49:48 UTC
From: Phil Williams
Topic: 194 Message: 208

Why don't you post your operating schedule to this group? I would think this might go a long way towards avoiding problems down the road.

Philw de KA1GMN

On Dec 6, 2010 11:23 AM, "Michael - VA3LKI" <va3lki@...> wrote:

Fred

Thanks for recommending V4 stations move to 7080.5 right on top of the VA3LKI-5 Winmor dial frequency!

Does the world of good for my operation. Have sent a number of messages to 'offending' stations already today.

Please folks, read the frequency and time schedules BEFORE you transmit anywhere no matter who advises you of a good frequency.

For a few hours during the day, the station here moves from 40 to 30 - and then back to 40m, and I have no problem if you keep the frequency warm during that time, but would really appreciate the same consideration during the posted Server operation times. Better yet, what happened to the suggestion of operating just above the PSK groups?

Thanks

Michael - Sysop
VA3LKI Pactor / VA3LKI-5 WINMOR

Messages in this topic
(2) 8b. Re: LOADED ON 40 Posted by: "Dr Fred Hambrecht"
w4jle@... w4jle Sun Dec 5, 2010 9:45 am (PST)

The only problem is your all playing hell with my WINMOR RMS on 7079.5, If I could get you to move up to 7080.5 it would be much appreciated. I have a bunch of folks out on the ocean with weak signals and the V4 200 Hz away desenses my receiver. Thanks much folks, this RMS handles the most traffic of any RMS station in the US and your cooperation would be appreciated by many.

73

Fred W4JLE-5

Yahoo! Groups Links

209. Re: [V4Protocol] New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-06 19:15:51 UTC
From: Chuck
Topic: 180 Message: 209

Rick, Yes, 60% power has been the goal, same as Winmor. During my setups I have been using the Po reading on the radio. With that I see a much wider ratio between the leader or 2 tone output than 100/70. It's closer to 100/45 on both my 706 and the 7200. I see your point so will put a Watt meter in line and check it again. Downstream settings.. all at 100%. The IC-7200 USB drive level is what I use to set the transmitter Po level. These settings have been higher than with my Winmor settings as a basis of comparison.

Thanks!

73;
Chuck, WA7BRL

----- Original Message -----
From: "Rick Muething" <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Monday, December 6, 2010 10:41:36 AM
Subject: Re: [V4Protocol] New Update 0.1.2.0

Chuck,

Read in help about setting drive level. You want it to register at NO MORE than 60-70% of your rated PEP output. E.g. 60-70 Watts out on an average reading watt meter for a 100 Watt PEP transmitter. The leader (two tone) is sent at a slightly higher level but still has the same RMS power (what an average reading watt meter reads) as the data. If you hit 100 watts PEP on the leader the average reading watt meter will read 70 Watts for both leader and data. Remember they may be several “downstream” volume/drive level adjustments past the sound card (Windows Mixer, sound card interface, transceiver drive level or mike gain).

Rick KN6KB

210. Re: [V4Protocol] Re: New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-06 19:52:48 UTC
From: Fred G -w1wyc
Topic: 180 Message: 210

Hi Rick,

I downloaded 0.1.2.0 and all seems fine. PTT works A-OK also.
Thanks but I still have to make a contact .... Soon I'm sure.
But it does look like we have to come up with frequencies so we won't
get our wrists slapped.

Nice Christmas gift Rick.

73,
Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Monday, December 06, 2010 11:53 AM
Subject: Re: [V4Protocol] Re: New Update 0.1.2.0

Whoops,

It does report the version incorrectly as 0.1.1.0 but it should say 0.1.2.0 my mistake missing one of the references.

Also with respect to the text windows:
These are not typical text windows which you can edit!
1) The text in the Session window (upper right) is what is sent and received (its also logged). You can’t add text to it from the keyboard.
2) In the Send window you can’t erase anything that has already been sent (a <CR> sends the text). So this window always shows what has been sent and what you are currently typing.

The idea of these is to give you not only a place to enter and read text but to show a history of what has happened. If you restart the program the text boxes will be cleared.

Rick KN6KB

From: ka1gmn
Sent: Monday, December 06, 2010 11:35 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: New Update 0.1.2.0

Send file function working here also....philw de ka1gmn

211. Re: [V4Protocol] Re: New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-06 20:02:13 UTC
From: Les Keppie
Topic: 180 Message: 211

Hi All
PTT now working with the Flex 3000 using the RMS Express settings
Sending of User files ok but not able to PASTE to the Transmit window
Still no contacts here in VK - other users a bit thin on the ground here
Les VK2DSG

On 7/12/2010 2:56 AM, ka1gmn wrote:
>
> Just installed...PTT works fine now. I am using COM6 w/ a Keyspan USB
> to RS-232C adapter. Thanks Rick..nice job!
>
> Philw de ka1gmn
>
>

212. Re: [V4Protocol] Re: New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-06 22:33:28 UTC
From: Howard Brown
Topic: 180 Message: 212

Les, how about a sked? What is a good time/freq?

Howard K5HB

From: Les Keppie <leskep@...>
To: V4Protocol@yahoogroups.com
Sent: Mon, December 6, 2010 2:02:13 PM
Subject: Re: [V4Protocol] Re: New Update 0.1.2.0

Hi All
PTT now working with the Flex 3000 using the RMS Express settings
Sending of User files ok but not able to PASTE to the Transmit window
Still no contacts here in VK - other users a bit thin on the ground here
Les VK2DSG

On 7/12/2010 2:56 AM, ka1gmn wrote:

>Just installed...PTT works fine now. I am using COM6 w/ a Keyspan
>USB to RS-232C adapter. Thanks Rick..nice job!
>
>Philw de ka1gmn
>
>

213. Re: New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-07 00:03:04 UTC
From: gary_n7xoo
Topic: 180 Message: 213

Hi Rick,

I just installed the latest update 0.1.2.0 after uninstalling the original 0.1.1.0. The install went fine and all seems to be working, however, the V4 Chat program still shows the version as 0.1.1.0. The V4 TNC shows the correct version 0.1.2.0.

Not a big deal, but I thought you should know just in case you need to update the Chat program or the zip distribution.

I'm on a Win7 64 bit system.

73,

Gary N7XOO

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> All,
> I have uploaded a new update. For the near term these will NOT be auto updates but full installs. You must uninstall your present version but all settings (ini files and logs) will be maintained. This should fix at least most of the observed PTT problems and exceptions resulting in editing the send text box. Also note the green lines on the waterfall and the busy detector are now expanded to include the tuning range. For a signal to be copied it should be completely between the twin green lines.
>
> Good luck.
>
> Rick KN6KB
>
>
> V4 Chat Revision History
>
> 12/04/2010 0.1.1.0 Initial Alpha Release. ARQ mode not enabled. Initial V4 Chat Help included.
>
> 12/06/2010 0.1.2.0 Fixed text entry window to avoid exception. Cut/copy/paste still not yet functional.
> Fix initialization of Radio class to set up control ports after startup. (Verified on TS480)
>
>
>
> V4 TNC Revision History
>
> 12/04/2010 0.1.1.0 Initial Alpha Release. Initial V4 TNC Help included.
>

> 12/06/2010 0.1.2.0 Update dblCorAvg averaging functions in V4Protocol.ThreshDetect to improve sensitivity at low S/N
> Modify UpdateWaterfall and BusyDetect to include selected tuning range
>

214. Re: New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-07 00:27:01 UTC
From: n9dsj
Topic: 180 Message: 214

Installed without issue; ptt resolved.

Thanks Rick!

73 de Bill, N9DSJ

215. Re: V4 Interference with RMS Servers.

Yahoo group: V4Protocol
Date: 2010-12-07 00:56:35 UTC
From: va3lki
Topic: 194 Message: 215

Phil

The operating schedule for all of the Winmor and Pactor stations are available on the winlink.org site and by using the RMS Channels Listing module provided by the WDT. Been that way for better than a year.

Both frequencies and times are available in a user choice sort method to easily ascertain what frequencies are in use by WL2K servers.

When the discussion on where to locate a 'watering hole' was initiated back on Friday, I brought up the suggestion at that time to make use of the lists and known operating frequencies of existing Pactor and Winmor Servers, add other standard digital non-WL2K frequencies, and then slot the V4 operation in the gaps between.

Shouldn't be a problem or take much time to determine a number of 'slots' on all bands.

73
Michael

--- In V4Protocol@yahoogroups.com, Phil Williams <ka1gmn@...> wrote:
>
> Why don't you post your operating schedule to this group? I would think
> this might go a long way towards avoiding problems down the road.
>
> Philw de KA1GMN
>
> On Dec 6, 2010 11:23 AM, "Michael - VA3LKI" <va3lki@...> wrote:
>
> Fred
>
> Thanks for recommending V4 stations move to 7080.5 right on top of the
> VA3LKI-5 Winmor dial frequency!
>
> Does the world of good for my operation. Have sent a number of messages to
> 'offending' stations already today.
>
> Please folks, read the frequency and time schedules BEFORE you transmit
> anywhere no matter who advises you of a good frequency.
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> For a few hours during the day, the station here moves from 40 to 30 - and
> then back to 40m, and I have no problem if you keep the frequency warm
> during that time, but would really appreciate the same consideration during
> the posted Server operation times. Better yet, what happened to the
> suggestion of operating just above the PSK groups?
>
> Thanks

>
> Michael - Sysop
> VA3LKI Pactor / VA3LKI-5 WINMOR
>
>
> Messages in this topic
> (2) 8b. Re: LOADED ON 40 Posted by: "Dr Fred Hambrecht"
> w4jle@... w4jle Sun Dec 5, 2010 9:45 am (PST)
>
> The only problem is your all playing hell with my WINMOR RMS on 7079.5, If I
> could get you to move up to 7080.5 it would be much appreciated. I have a
> bunch of folks out on the ocean with weak signals and the V4 200 Hz away
> desenses my receiver. Thanks much folks, this RMS handles the most traffic
> of any RMS station in the US and your cooperation would be appreciated by
> many.
>
> 73
>
> Fred W4JLE-5
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

216. Re: [V4Protocol] Re: V4 Interference with RMS Servers.

Yahoo group: V4Protocol
Date: 2010-12-07 01:08:36 UTC
From: Phil Williams
Topic: 194 Message: 216

If you are that concerned about potential intererence and the operation of the RMS servers are that critical then its time for a review again and an education campaign may be in order. You may have to repeat your message a number of times before it everyone gets it.

Philw de KA1GMN

On Dec 6, 2010 6:56 PM, "va3lki" <va3lki@...> wrote:

Phil

The operating schedule for all of the Winmor and Pactor stations are available on the winlink.org site and by using the RMS Channels Listing module provided by the WDT. Been that way for better than a year.

Both frequencies and times are available in a user choice sort method to easily ascertain what frequencies are in use by WL2K servers.

When the discussion on where to locate a 'watering hole' was initiated back on Friday, I brought up the suggestion at that time to make use of the lists and known operating frequencies of existing Pactor and Winmor Servers, add other standard digital non-WL2K frequencies, and then slot the V4 operation in the gaps between.

Shouldn't be a problem or take much time to determine a number of 'slots' on all bands.

73
Michael

--- In V4Protocol@yahoogroups.com, Phil Williams <ka1gmn@...> wrote:
>
> Why don't you post your o...

> On Dec 6, 2010 11:23 AM, "Michael - VA3LKI" <va3lki@...> wrote:
>
> Fred
>
> Thanks for recommen...
> w4jle@... w4jle Sun Dec 5, 2010 9:45 am (PST)

>
> The only problem is your all playing hell with my WINMOR RMS on 7079.5, If I
> could get you t...

217. Re: V4 Interference with RMS Servers.

Yahoo group: V4Protocol
Date: 2010-12-07 01:11:12 UTC
From: la7um
Topic: 194 Message: 217

Why not go closer to the psk 31 and rtty centers when doing the more efficiant fec mode? At least the psk 31 guys may getting interested. The RTTY 1000w guys might be more difficult to get interested.
They are working Stone Age Mode testing anyway. 73 la7um Finn

--- In V4Protocol@yahoogroups.com, "va3lki" <va3lki@...> wrote:
>
> Phil
>
> The operating schedule for all of the Winmor and Pactor stations are available on the winlink.org site and by using the RMS Channels Listing module provided by the WDT. Been that way for better than a year.
>
> Both frequencies and times are available in a user choice sort method to easily ascertain what frequencies are in use by WL2K servers.
>
> When the discussion on where to locate a 'watering hole' was initiated back on Friday, I brought up the suggestion at that time to make use of the lists and known operating frequencies of existing Pactor and Winmor Servers, add other standard digital non-WL2K frequencies, and then slot the V4 operation in the gaps between.
>
> Shouldn't be a problem or take much time to determine a number of 'slots' on all bands.
>
> 73
> Michael
>
>
>
> --- In V4Protocol@yahoogroups.com, Phil Williams <ka1gmn@> wrote:
> >
> > Why don't you post your operating schedule to this group? I would think
> > this might go a long way towards avoiding problems down the road.
> >
> > Philw de KA1GMN
> >
> > On Dec 6, 2010 11:23 AM, "Michael - VA3LKI" <va3lki@> wrote:
> >
> > Fred
> >
> > Thanks for recommending V4 stations move to 7080.5 right on top of the
> > VA3LKI-5 Winmor dial frequency!
> >
> > Does the world of good for my operation. Have sent a number of messages to
> > 'offending' stations already today.
> >

> > Please folks, read the frequency and time schedules BEFORE you transmit
> > anywhere no matter who advises you of a good frequency.
> >
> > For a few hours during the day, the station here moves from 40 to 30 - and
> > then back to 40m, and I have no problem if you keep the frequency warm
> > during that time, but would really appreciate the same consideration during
> > the posted Server operation times. Better yet, what happened to the
> > suggestion of operating just above the PSK groups?
> >
> > Thanks
> >
> > Michael - Sysop
> > VA3LKI Pactor / VA3LKI-5 WINMOR
> >
> >
> > Messages in this topic
> > (2) 8b. Re: LOADED ON 40 Posted by: "Dr Fred Hambrecht"
> > w4jle@ w4jle Sun Dec 5, 2010 9:45 am (PST)
> >
> > The only problem is your all playing hell with my WINMOR RMS on 7079.5, If I
> > could get you to move up to 7080.5 it would be much appreciated. I have a
> > bunch of folks out on the ocean with weak signals and the V4 200 Hz away
> > desenses my receiver. Thanks much folks, this RMS handles the most traffic
> > of any RMS station in the US and your cooperation would be appreciated by
> > many.
> >
> > 73
> >
> > Fred W4JLE-5
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
>

218. Re: Good First Test

Yahoo group: V4Protocol
Date: 2010-12-07 01:33:11 UTC
From: aa777888athotmaildotcom
Topic: 193 Message: 218

Dave,

Good to see in the group!

Why on Earth are you using a Signalink with a 7200? Just plug right into the USB port in the back of the radio, install the drivers and be done with it! Far better than converting to audio and back again.

73

Scott
k*b*l*0*0*q

--- In V4Protocol@yahoogroups.com, "kb3fxi" <kb3fxi@...> wrote:
>
> Hello all,
>
> I had 3 successful qso's on 7.073 USB over the last hour or so.
>
> Noise here is about s5 today. Near perfect copy on all stations at or above about s7-s9. Negagive copy while monitoring a qso on the lighter station which was just about at the noise level.
>
> No problems on PTT with IC-7200 running with the USB Signalink... it just worked!
>
> I wish there were a way to type while in TX. The current configuration makes for some pretty long overs.
>
> I see that V4 seems to be dependent on .NET. Am I correct in my assumption that the program will be limited to the Windows OS?
>
> Looking forward to more testing. So far, so good. Thanks for a good first few alpha's!
>
> -Dave, KB3FXI
>

219. Deleteing the TX text.

Yahoo group: V4Protocol
Date: 2010-12-07 02:06:52 UTC
From: Russell Blair
Topic: 219 Message: 219

I my self I would like to be able to delete the tx text after the QSO. After afew QSO that window can get alot of text.
But I only speak for myself, and I will live with it the way it is.

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457

220. Re: [V4Protocol] Re: Good First Test

Yahoo group: V4Protocol
Date: 2010-12-07 02:51:40 UTC
From: Chuck
Topic: 193 Message: 220

I will second that idea Dave. Rick has the IC-7200 PTT solved along with the others. If you need help with the settings let me know and will send you the list that is at least working for me using both Winmor and V4. I do have to admit it is easier to set the input and output tone levels with external controls like on the Signalink, but once set up and the settings recorded, it works great including the Radio control. I now have it band switching, Frequency switching and PTT using the USB cable only.

73;
Chuck, WA7BRL

----- Original Message -----
From: "aa777888athotmaildotcom" <straurig@...>
To: V4Protocol@yahoogroups.com
Sent: Monday, December 6, 2010 5:33:11 PM
Subject: [V4Protocol] Re: Good First Test

Dave,

Good to see in the group!

Why on Earth are you using a Signalink with a 7200? Just plug right into the USB port in the back of the radio, install the drivers and be done with it! Far better than converting to audio and back again.

73

Scott
k*b*l*0*0*q

221. Calling CQ on 3584 KHZ

Yahoo group: V4Protocol
Date: 2010-12-07 03:17:52 UTC
From: kb0fx
Topic: 221 Message: 221

Mike - KB0FX

222. Re: Good First Test

Yahoo group: V4Protocol
Date: 2010-12-07 03:18:01 UTC
From: KB3FXI
Topic: 193 Message: 222

Well, Chuck, I was going to reply to Scott but you kinda stole my thunder. I like the USB Signalink inline for the volume control on the pots for both tx and rx.

I'm doing mainly nets and ragchew with NBEMS and could really care less about rig control. I just like the ability to go to a memory channel in the rig (or spin the dial) and turn the USB Signaling tx pot to drive my power out without having to dig into the computer OS for level controls.

-Dave, KB3FXI

--- In V4Protocol@yahoogroups.com, Chuck <wa7brl@...> wrote:
>
> I will second that idea Dave. Rick has the IC-7200 PTT solved along with the others. If you need help with the settings let me know and will send you the list that is at least working for me using both Winmor and V4. I do have to admit it is easier to set the input and output tone levels with external controls like on the Signalink, but once set up and the settings recorded, it works great including the Radio control. I now have it band switching, Frequency switching and PTT using the USB cable only.
>
> 73;
> Chuck, WA7BRL
>
> ----- Original Message -----
> From: "aa777888athotmaildotcom" <straurig@...>
> To: V4Protocol@yahoogroups.com
> Sent: Monday, December 6, 2010 5:33:11 PM
> Subject: [V4Protocol] Re: Good First Test
>
>
>
>
>
>
>
> Dave,
>
> Good to see in the group!
>
> Why on Earth are you using a Signalink with a 7200? Just plug right into the USB port in the back of the radio, install the drivers and be done with it! Far better than converting to audio and back again.
>
> 73
>
> Scott
> k*b*l*0*0*q
>

223. Re: [V4Protocol] Re: Good First Test

Yahoo group: V4Protocol
Date: 2010-12-07 04:13:26 UTC
From: Chuck
Topic: 193 Message: 223

Dave; I fully understand because I use the Signalink USB with my IC-706 and enjoy the convenience of being able to adjust externally.
73;
Chuck, WA7BRL

----- Original Message -----
From: "KB3FXI"
To: V4Protocol@yahoogroups.com
Sent: Monday, December 6, 2010 7:18:01 PM
Subject: [V4Protocol] Re: Good First Test

Well, Chuck, I was going to reply to Scott but you kinda stole my thunder. I like the USB Signalink inline for the volume control on the pots for both tx and rx.

I'm doing mainly nets and ragchew with NBEMS and could really care less about rig control. I just like the ability to go to a memory channel in the rig (or spin the dial) and turn the USB Signaling tx pot to drive my power out without having to dig into the computer OS for level controls.

-Dave, KB3FXI

-

224. Radio Control of Icom IC-7000 and US-Navagator

Yahoo group: V4Protocol
Date: 2010-12-07 04:50:27 UTC
From: w3cet
Topic: 224 Message: 224

Hello Everyone !!
Are We having Fun Yet ??
I Have made a Few Contacts with V4, It Works Great !!
I am still having problems Controling Band-Switching and Fequency Changing with the V4 Software.
I am Using a Icom IC-7000 Radio and a US-Interface Soundcard.
Found No problems with PTT or Audio with the most Recent Software Version. Just the Issue with Frequency/Band Change.
I have no problems or Issues using this Same Hardware set-up with RMS-Express/WINMORE Software. Any Ideas ??

from Dr Bob Grid FM19sh - W3CET -

225. New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-07 06:18:40 UTC
From: W6IDS
Topic: 143 Message: 225

I'm quite pleased to announce that I, too, have the update installed and working.
No PTT issues. Using RMS Express setup as before with no apparent problems
as yet.

Called CQ on 7080.5, Two Tone test works as does the CW ID.
Getting random character display that is "lined-through" in the Receive pane
so there's some "activity" per se.

Howard W6IDS
Richmond, IN EM79NV

226. Re: [V4Protocol] Deleteing the TX text.

Yahoo group: V4Protocol
Date: 2010-12-07 06:54:51 UTC
From: W6IDS
Topic: 219 Message: 226

Well, of course we both know this is an ALPHA version but.....
just for "wants 'n gimmies" later on down the pike, I agree with
you. We should be able to clear out the window(s) but I'll
settle (as I'm sure you will) "small moves" as we progress.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "Russell Blair" <russell_blair86@...>
To: <V4Protocol@yahoogroups.com>
Sent: Monday, December 06, 2010 9:06 PM
Subject: [V4Protocol] Deleteing the TX text.

I my self I would like to be able to delete the tx text after the QSO. After
afew QSO that window can get alot of text.
But I only speak for myself, and I will live with it the way it is.

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)

227. Re: [V4Protocol] Radio Control of Icom IC-7000 and US-Navagator

Yahoo group: V4Protocol
Date: 2010-12-07 07:38:05 UTC
From: W6IDS
Topic: 224 Message: 227

What does that mean, Doc? Probs with band switching?

Back in the saddle again. Heavy workload. Rotor Cuff
on the mend but still a bit stiff "here 'n there" with some
fairly good jabs of pain when I push it.

Gotta hit your replies on RMS Express poste pronto.

I just checked my ability to change freqs. clicked below
"Frequency" for a white box and entered a frequency,
Then hit ENTER - nothing happened. BTW, did not
read help file myself - just playing around.

Then I clicked back on the frequency I entered with the
mouse and voila! Changed freq/band. Clicked on the
frequency I entered to "blue it".....and typed over it for
a different frequency. I made it work again...Gotta read
up on that, but first gasp says it working. Not by the
book, I think but it's working.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "w3cet" <w3cet@...>
To: <V4Protocol@yahoogroups.com>
Sent: Monday, December 06, 2010 11:50 PM
Subject: [V4Protocol] Radio Control of Icom IC-7000 and US-Navagator

> Hello Everyone !!
> Are We having Fun Yet ??
> I Have made a Few Contacts with V4, It Works Great !!
> I am still having problems Controling Band-Switching and Fequency
> Changing with the V4 Software.
> I am Using a Icom IC-7000 Radio and a US-Interface Soundcard.
> Found No problems with PTT or Audio with the most Recent Software
> Version. Just the Issue with Frequency/Band Change.
> I have no problems or Issues using this Same Hardware set-up with
> RMS-Express/WINMORE Software. Any Ideas ??
>
> from Dr Bob Grid FM19sh - W3CET -
>

228. Re: [V4Protocol] Radio Control of Icom IC-7000 and US-Navagator

Yahoo group: V4Protocol
Date: 2010-12-07 07:42:17 UTC
From: W6IDS
Topic: 224 Message: 228

Hmmm........its 2:30AM but I checked it again.......

clicked on a frequency that I entered to "blue it"....
typed in a new one, then hit enter. Clicking the
mouse on it will do nothing. Pressing enter just
moves you down a line but nothing else happened.
Clicked on the frequency with the mouse, then the
frequency changed.

Now to bed.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "w3cet" <w3cet@...>
To: <V4Protocol@yahoogroups.com>
Sent: Monday, December 06, 2010 11:50 PM
Subject: [V4Protocol] Radio Control of Icom IC-7000 and US-Navagator

> Hello Everyone !!
> Are We having Fun Yet ??
> I Have made a Few Contacts with V4, It Works Great !!
> I am still having problems Controling Band-Switching and Fequency
> Changing with the V4 Software.
> I am Using a Icom IC-7000 Radio and a US-Interface Soundcard.
> Found No problems with PTT or Audio with the most Recent Software
> Version. Just the Issue with Frequency/Band Change.
> I have no problems or Issues using this Same Hardware set-up with
> RMS-Express/WINMORE Software. Any Ideas ??
>
> from Dr Bob Grid FM19sh - W3CET -

229. Newbie

Yahoo group: V4Protocol
Date: 2010-12-07 10:47:43 UTC
From: slotman2000
Topic: 229 Message: 229

Hi All.
Just installed V4 and all seems to be working ok.
Listening on 14074.
73 Don

230. RE: [V4Protocol] Newbie

Yahoo group: V4Protocol
Date: 2010-12-07 11:07:26 UTC
From: Giedrius, LY2CG
Topic: 229 Message: 230

Hi Don, I tried to QSO with you... You was 579 in V4 mode, but I can't understand what is wrong in my side - why you do not copy mee... I have download this software abt one hour again and I am a newbe also.. 73 - Gied

> -----Original Message-----
> From: V4Protocol@yahoogroups.com
> [mailto:V4Protocol@yahoogroups.com] On Behalf Of slotman2000
> Sent: Tuesday, December 07, 2010 12:48 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Newbie
>
> Hi All.
> Just installed V4 and all seems to be working ok.
> Listening on 14074.
> 73 Don
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

231. V4

Yahoo group: V4Protocol
Date: 2010-12-07 11:26:51 UTC
From: f1abl
Topic: 231 Message: 231

LY2CG I have some decodage from you
but not all the time
I see that you call Don i don't listen him

232. Re: Newbie

Yahoo group: V4Protocol
Date: 2010-12-07 11:34:21 UTC
From: slotman2000
Topic: 229 Message: 232

Hi Gied, I copy some from you. but sometimes no decode when you TX.
Tks for the call hope to catch you later

233. Re: Good First Test

Yahoo group: V4Protocol
Date: 2010-12-07 12:13:09 UTC
From: aa777888athotmaildotcom
Topic: 193 Message: 233

Bah! Luddites! ;-)

k*b*l*0*0*q

--- In V4Protocol@yahoogroups.com, Chuck <wa7brl@...> wrote:
>
> Dave; I fully understand because I use the Signalink USB with my IC-706 and enjoy the convenience of being able to adjust externally.
> 73;
> Chuck, WA7BRL
>
>
> ----- Original Message -----
> From: "KB3FXI"
> To: V4Protocol@yahoogroups.com
> Sent: Monday, December 6, 2010 7:18:01 PM
> Subject: [V4Protocol] Re: Good First Test
>
> Well, Chuck, I was going to reply to Scott but you kinda stole my thunder. I like the USB Signalink inline for the volume control on the pots for both tx and rx.
>
> I'm doing mainly nets and ragchew with NBEMS and could really care less about rig control. I just like the ability to go to a memory channel in the rig (or spin the dial) and turn the USB Signaling tx pot to drive my power out without having to dig into the computer OS for level controls.
>
> -Dave, KB3FXI
>
> -
>

234. Re : [V4Protocol] Newbie

Yahoo group: V4Protocol
Date: 2010-12-07 12:15:37 UTC
From: Christian Leloup F1AFZ
Topic: 229 Message: 234

I receive you in France !

2010/12/07 11:17:01 LY2CG: g3vcg de
2010/12/07 11:17:05 LY2CG OK OK RSRT
2010/12/07 11:17:08 579 579
2010/12/07 11:17:46 LY2CG: G3VCG de
2010/12/07 11:17:49 LY2CG Don do you
2010/12/07 11:17:53 copy me now?
2010/12/07 11:18:19 LY2CG: G3VCG de
2010/12/07 11:18:22 LY2CG Don do you
2010/12/07 11:18:26 copy me now?
2010/12/07 11:19:01 LY2CG: G3VCG de
2010/12/07 11:19:04 LY2CG Don do you
2010/12/07 11:19:08 copy me now?
2010/12/07 11:20:54 LY2CG: G3VCG de
2010/12/07 11:21:01 copy me now?
2010/12/07 11:21:38 de SM4XFP SM4XF
2010/12/07 11:22:21 LY2CG: G3VCG de
2010/12/07 11:22:24 LY2CG Don do you
2010/12/07 11:23:02 LY2CG: G3VCG de
2010/12/07 11:24:14 LY2CG: G3VCG de
2010/12/07 11:24:18 LY2CG Ok Don
2010/12/07 11:24:22 LY2CG: My name i

73's Christian F1AFZ
http://www.f1afz.fr
http://www.p3-e.org
F1AFZ sur Twitter : http://twitter.com/f1afz

-----E-mail d'origine-----
De : Giedrius, LY2CG <ly2cg@...>
A : V4Protocol <V4Protocol@yahoogroups.com>
Envoyé le : Mardi, 7 Décembre 2010 12:07
Sujet : RE: [V4Protocol] Newbie

Hi Don, I tried to QSO with you... You was 579 in V4 mode, but I can't
understand what is wrong in my side - why you do not copy mee... I have
download this software abt one hour again and I am a newbe also.. 73 - Gied

> -----Original Message-----
> From: V4Protocol@yahoogroups.com
> [mailto:V4Protocol@yahoogroups.com] On Behalf Of slotman2000
> Sent: Tuesday, December 07, 2010 12:48 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Newbie
>

> Hi All.
> Just installed V4 and all seems to be working ok.
> Listening on 14074.
> 73 Don
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

235. possible problem with V4 Chat 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-07 13:24:11 UTC
From: afa4qg
Topic: 235 Message: 235

I'm running Kenwood TS870S with Rigblaster pro and XP O/S
and have found that after downloading and installing 01.2.0,
if I first send the 'Two tone test" , the program keys up my rig and sends the test, but does not toggle the PTT back off after the test. The same is true if I first select Send CWID, prior to doing anything else. It sends the CW ID fine but does not release the PTT to the rig.

However, if I select Mode FEC and make a short transmission of any kind, and then go back to either the Two Tone test or Send CWID, it works fine.

Maybe I'm overlooking something?

Thanks,
Dick, W4WEB/AFA4QG

236. Re: possible problem with V4 Chat 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-07 13:31:24 UTC
From: slotman2000
Topic: 235 Message: 236

I am finding exactly the same.

237. RE: [V4Protocol] possible problem with V4 Chat 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-07 13:34:52 UTC
From: Dennis Gabler
Topic: 235 Message: 237

Same here...

Dennis Gabler AAR7DG/W5DG
Adel, IA.
http://army.iowamars.org
ICS 100, 200, 300, 400, 700, 800, and COML-T certified

238. Rig Control - FT857D

Yahoo group: V4Protocol
Date: 2010-12-07 14:38:05 UTC
From: KB3FN
Topic: 238 Message: 238

I must still be missing something. I run a FT857D into a SignaLink USB into RMS Express. The RMS Express does a great job swithing band and freq by clicking on the desired session station.
For the life of me, I can't see how to control the rig with V4 Chat.

Tnx, KB3FN - Lynn

239. Re: [V4Protocol] Rig Control - FT857D

Yahoo group: V4Protocol
Date: 2010-12-07 15:00:58 UTC
From: Ron Wenig
Topic: 238 Message: 239

Lynn,

If you enter a frequency, in KHz, in the mini log data grid, and then click on that field it should change your frequency. For example, enter 7073 and then click on that entry. Make sure that you are in FEC mode and not the default monitor. I have entries for frequencies that I think there will be activity. Or if I see a post from someone for a QSO I will enter the callsign, name and frequency, in KHz, then click on that entry to quickly change and the call that person or click user files and send a macro that I have set up to call CQ.

73, Ron ny3j

On 12/7/2010 9:38 AM, KB3FN wrote:
>
> I must still be missing something. I run a FT857D into a SignaLink USB
> into RMS Express. The RMS Express does a great job swithing band and
> freq by clicking on the desired session station.
> For the life of me, I can't see how to control the rig with V4 Chat.
>
> Tnx, KB3FN - Lynn
>
>

240. WA7BRL first V4 into Mexico

Yahoo group: V4Protocol
Date: 2010-12-07 15:40:02 UTC
From: n6kzb
Topic: 240 Message: 240

WA7BRL and I had a short qso, albeit rough, but confirmed into XE2 land.
14073. He was solid copy all the way, I was rough to him.

It is a good start.

Mike n6kzb/xe2

241. Re: [V4Protocol] WA7BRL first V4 into Mexico

Yahoo group: V4Protocol
Date: 2010-12-07 15:54:37 UTC
From: Chuck
Topic: 240 Message: 241

Mike, thanks for contact. you were s9 here. I found that my noise blanker was on and that could have contributed to the problem. I'm still on freq if it clears give another try. 73; Chuck
----- Original Message -----
From: "n6kzb" <n6kzb@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, December 7, 2010 7:40:02 AM
Subject: [V4Protocol] WA7BRL first V4 into Mexico

WA7BRL and I had a short qso, albeit rough, but confirmed into XE2 land.
14073. He was solid copy all the way, I was rough to him.

It is a good start.

Mike n6kzb/xe2

242. Re: possible problem with V4 Chat 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-07 16:45:20 UTC
From: turi8712
Topic: 235 Message: 242

Hi All,
perhaps you are in the MONitor mode instaead of FECmode?
Arthur, HB9LAM
--- In V4Protocol@yahoogroups.com, "afa4qg" <w4web@...> wrote:
>
> I'm running Kenwood TS870S with Rigblaster pro and XP O/S
> and have found that after downloading and installing 01.2.0,
> if I first send the 'Two tone test" , the program keys up my rig and sends the test, but does not toggle the PTT back off after the test. The same is true if I first select Send CWID, prior to doing anything else. It sends the CW ID fine but does not release the PTT to the rig.
>
> However, if I select Mode FEC and make a short transmission of any kind, and then go back to either the Two Tone test or Send CWID, it works fine.
>
> Maybe I'm overlooking something?
>
> Thanks,
> Dick, W4WEB/AFA4QG
>

243. Re: [V4Protocol] Re: possible problem with V4 Chat 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-07 17:00:31 UTC
From: Chuck
Topic: 235 Message: 243

Dick; In MON mode, the same thing happens here with an IC-7200. The fix would be to disable TX capability altogether while in the MON mode.
Chuck, WA7BRL

----- Original Message -----
From: "turi8712" <turich@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, December 7, 2010 8:45:20 AM
Subject: [V4Protocol] Re: possible problem with V4 Chat 0.1.2.0

Hi All,
perhaps you are in the MONitor mode instaead of FECmode?
Arthur, HB9LAM
--- In V4Protocol@yahoogroups.com , "afa4qg" <w4web@...> wrote:
>
> I'm running Kenwood TS870S with Rigblaster pro and XP O/S
> and have found that after downloading and installing 01.2.0,
> if I first send the 'Two tone test" , the program keys up my rig and sends the test, but does not toggle the PTT back off after the test. The same is true if I first select Send CWID, prior to doing anything else. It sends the CW ID fine but does not release the PTT to the rig.
>
> However, if I select Mode FEC and make a short transmission of any kind, and then go back to either the Two Tone test or Send CWID, it works fine.
>
> Maybe I'm overlooking something?
>
> Thanks,
> Dick, W4WEB/AFA4QG
>

244. There be activity here!

Yahoo group: V4Protocol
Date: 2010-12-07 17:01:17 UTC
From: W6IDS
Topic: 238 Message: 244

Yep, there sure is.

Perfect copy on W3CET and W4RIR just a few minutes ago on 7080.5
Dial. It's 1700Z now. Still parked there for now.

Both stations were good sounding. The FEC is neat but I'm anxious
to see the ARQ fly too.

Gotta fix lunch for better half but monitoring still.

Howard W6IDS
Richmond, IN Em79NV

245. QUESTION

Yahoo group: V4Protocol
Date: 2010-12-07 17:40:01 UTC
From: Ed Woods WD9DVA
Topic: 245 Message: 245

We can prepare files to send with V 4, is there a way to save messages received? Not the day to day keyboarding, but possibly a bulletin or formal tfx. I'm thinking about a group that should consider moving into the real world. Thanks, 73 Ed WD9DVA / AFA5QW

246. MON mode comes up default

Yahoo group: V4Protocol
Date: 2010-12-07 17:42:33 UTC
From: afa4qg
Topic: 246 Message: 246

Yes, you're correct... since it comes up in MON mode as default when first loading the program.
When I switch to FEC mode first - then go straight to the Test and/or CWID - it does work properly...
Thanks much,
73,
Dick

247. Re: QUESTION

Yahoo group: V4Protocol
Date: 2010-12-07 17:56:52 UTC
From: afa5hf@sbcglobal.net
Topic: 245 Message: 247

GM Ed.. Just highlight the message in the RX buffer, do a CNTRL + C for copy, open Notepad (or whatever) and do a paste. Works for me. About as simple as needed as far as I can see..
73
Hoby KK8G/AFA5HF MI

--- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@...> wrote:
>
> We can prepare files to send with V 4, is there a way to save messages received? Not the day to day keyboarding, but possibly a bulletin or formal tfx. I'm thinking about a group that should consider moving into the real world. Thanks, 73 Ed WD9DVA / AFA5QW
>

248. RE: [V4Protocol] There be activity here!

Yahoo group: V4Protocol
Date: 2010-12-07 18:53:56 UTC
From: Box SixteenHundred
Topic: 238 Message: 248

Howard,

i copied you guys here at work.

Using V4 v.0.1.2.0 and WB4MAK's webSDR to copy you.

73 - Bill KA8VIT

To: V4Protocozl@yahoogroups.com
From: w6ids@...
Date: Tue, 7 Dec 2010 12:01:17 -0500
Subject: [V4Protocol] There be activity here!

Yep, there sure is.

Perfect copy on W3CET and W4RIR just a few minutes ago on
7080.5
Dial. It's 1700Z now. Still parked there for
now.

Both stations were good sounding. The FEC is neat
but I'm anxious
to see the ARQ fly too.

Gotta fix lunch for better half but monitoring
still.

Howard W6IDS
Richmond, IN Em79NV

249. V4 Chat 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-07 19:02:29 UTC
From: stevekb6hoh
Topic: 249 Message: 249

I uninstalled 0.1.1.0 and installed 0.1.2.0 but V4 Chat still says its 0.1.1.0. I used REVO to uninstall and NOT Windows 7 add remove program. Is this correct or should it shows as the new update?

Tnx de Steve KB6HOH

250. Re: Good First Test

Yahoo group: V4Protocol
Date: 2010-12-07 19:21:00 UTC
From: la7um
Topic: 193 Message: 250

A SignaLink in Mic plug, and a PTC2 in the ACC beeing double qrv is another option for a Legacy Luddite like me in my dreams.

I can't see that a dual mode qrv option is possible using internal soundcard.

73. Finn LA7UM.

--- In V4Protocol@yahoogroups.com, Chuck <wa7brl@...> wrote:
>
> Dave; I fully understand because I use the Signalink USB with my IC-706 and enjoy the convenience of being able to adjust externally.
> 73;
> Chuck, WA7BRL
>
>
> ----- Original Message -----
> From: "KB3FXI"
> To: V4Protocol@yahoogroups.com
> Sent: Monday, December 6, 2010 7:18:01 PM
> Subject: [V4Protocol] Re: Good First Test
>
> Well, Chuck, I was going to reply to Scott but you kinda stole my thunder. I like the USB Signalink inline for the volume control on the pots for both tx and rx.
>
> I'm doing mainly nets and ragchew with NBEMS and could really care less about rig control. I just like the ability to go to a memory channel in the rig (or spin the dial) and turn the USB Signaling tx pot to drive my power out without having to dig into the computer OS for level controls.
>
> -Dave, KB3FXI
>
> -
>

251. 1st V4protocol Contact

Yahoo group: V4Protocol
Date: 2010-12-07 20:02:09 UTC
From: stevekb6hoh
Topic: 251 Message: 251

At about 1950z on 7080.5khz I worked Deme VE7CRT just outside of
Vancouver BC Canada. Conditions not very good and lots of QSB but we did talk. Deme if you see this Tnx again for the contact.

73 de Steve KB6HOH
Novato, Calif in the San Francisco Bay Area

252. Re: 1st V4protocol Contact

Yahoo group: V4Protocol
Date: 2010-12-07 20:09:50 UTC
From: dpanaioti
Topic: 251 Message: 252

Thanks for the qso Steve.
I don't know if you decoded what I was trying to say about "macros" You can go to the "User Files" on the V4Chat toolbar and prepare text in "NotePad" to be transmitted as macros in qso's.
By the way, do my transmissions start with my callsing?
Merry X'mas and Happy New Year.
73, Deme VE7CRT.
--- In V4Protocol@yahoogroups.com, "stevekb6hoh" <kb6hoh@...> wrote:
>
> At about 1950z on 7080.5khz I worked Deme VE7CRT just outside of
> Vancouver BC Canada. Conditions not very good and lots of QSB but we did talk. Deme if you see this Tnx again for the contact.
>
> 73 de Steve KB6HOH
> Novato, Calif in the San Francisco Bay Area
>

253. Re: [V4Protocol] V4 Chat 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-07 20:12:18 UTC
From: Rick Muething
Topic: 249 Message: 253

Read past posts. The reported rev number was incorrect and still says 0.1.1.0 (should read 0.1.2.0). But the software is the latest rev. There will NEVER be two installs on the Yahoo FTP site and the one there is ALWAYS the latest.

I will probably have another rev out in a day or so.

Rick KN6KB

From: stevekb6hoh
Sent: Tuesday, December 07, 2010 2:02 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Chat 0.1.2.0

I uninstalled 0.1.1.0 and installed 0.1.2.0 but V4 Chat still says its
0.1.1.0. I used REVO to uninstall and NOT Windows 7 add remove program.
Is this correct or should it shows as the new update?

Tnx de Steve KB6HOH

254. Waterfall +/- limits

Yahoo group: V4Protocol
Date: 2010-12-07 20:13:49 UTC
From: Fred G -w1wyc
Topic: 254 Message: 254

Hi Rick,

I noticed that when I start V4Chat the green +/- limits are at 200 Hz.
However, after a second or two the limits jump to 400 Hz. ?

Fred, W1WYC

255. Re: 1st V4protocol Contact

Yahoo group: V4Protocol
Date: 2010-12-07 20:14:09 UTC
From: KB3FXI
Topic: 251 Message: 255

> By the way, do my transmissions start with my callsing?

I was wondering the same thing. Does VChat automatically put the user call sign at the beginning of each transmission?

-Dave, KB3FXI

256. Listening 14.106

Yahoo group: V4Protocol
Date: 2010-12-07 20:21:06 UTC
From: Mark
Topic: 256 Message: 256

I'll be monitoring V4 mode on 14.106 for a while this afternoon. Give me a call! 73 de WB5NMZ Montgomery AL

257. Re: [V4Protocol] Re: 1st V4protocol Contact

Yahoo group: V4Protocol
Date: 2010-12-07 20:28:39 UTC
From: n3wt@comcast.net
Topic: 251 Message: 257

If auto ID is checked it will put the callsign at the beginning, but I'm not sure if it callsings your call. That would be neat though :) :)

John N3WT

----- Original Message -----
From: "KB3FXI" <kb3fxi@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, December 7, 2010 3:14:09 PM
Subject: [V4Protocol] Re: 1st V4protocol Contact

> By the way, do my transmissions start with my callsing?

I was wondering the same thing. Does VChat automatically put the user call sign at the beginning of each transmission?

-Dave, KB3FXI

258. Re: [V4Protocol] Re: 1st V4protocol Contact

Yahoo group: V4Protocol
Date: 2010-12-07 20:44:02 UTC
From: Rick Muething
Topic: 251 Message: 258

I thought this was described in the help. If AutoID is enabled (BOLD) then the SENDERS call sign is appended to the beginning of the First frame of the buff (not every frame). When the buffer empties it will repeat on the next frame transmitted. If AutoID is off it will NOT append the call sign.

Theory is that appending the call sign to every frame would be very wasteful (6 or 7 characters out of 16). Appending it to the first frame in a contiguous group identifies the sender of the frame group with modest over head. In a net environment (several operating in FEC mode on the same frequency) it is practically the only way to keep “who is who” straight. It is also operational in ARQ allowing others to “read the mail” and see who is saying what.

I’m open for other ideas on this...but think them through first please. They have to make sense and not add big and wasteful overhead.

Rick KN6KB

259. Re: [V4Protocol] Waterfall +/- limits

Yahoo group: V4Protocol
Date: 2010-12-07 20:55:08 UTC
From: Rick Muething
Topic: 254 Message: 259

Fred,

I think this is described in the help now on the Virtual TNC page (you do read that, don't you?)

The green lines are now adjusted to include the tuning range selected. E.g. if the tuning range were 100 Hz (the default) the lines would be placed at 200 Hz – 100 and + 100 or 400 Hz total. This is to indicate you should be able to copy another V4 station if that stations spectrum (which should be 200 Hz wide) is contained ENTIRELY INSIDE the green lines. If you change the tuning range (acceptable values +/-20 to +/-200 Hz) the green lines will change as well as the tuning. Tuning ranges < 100 Hz requires the station frequency to be set pretty accurately (remember the two transceivers could have errors in opposite directions).

In all cases the software automatically and quickly (about 100 ms) tunes to the correct frequency if the received signal is within the tuning range (+ or –) specified. Trying to "tweak or tune the receiver to put the desired signal in the middle (red line) is OK but won't improve the decoding since the software tunes automatically on EVERY frame.

Hope this makes sense.

Rick KN6KB

260. Re: [V4Protocol] Re: New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-06 23:03:23 UTC
From: Les Keppie
Topic: 180 Message: 260

Hi Howard
I will call CQ between 0400/0500 utc on 14110.5 dial - that is the same
freq VK2JN-5
uses and maybe if I call once a minute we can also listen for others
that may work VK5JN-5
and get an idea if band is open - if a we can print each
other we can then move say to 14105.5 or any other freq you like to suggest?
Les VK2DSG

On 7/12/2010 9:33 AM, Howard Brown wrote:
> Les, how about a sked? What is a good time/freq?
>
> Howard K5HB
>
> ---
> *From:* Les Keppie <leskep@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Mon, December 6, 2010 2:02:13 PM
> *Subject:* Re: [V4Protocol] Re: New Update 0.1.2.0
>
> Hi All
> PTT now working with the Flex 3000 using the RMS Express settings
> Sending of User files ok but not able to PASTE to the Transmit window
> Still no contacts here in VK - other users a bit thin on the ground here
> Les VK2DSG
>
>
> On 7/12/2010 2:56 AM, ka1gmn wrote:
>
>> Just installed...PTT works fine now. I am using COM6 w/ a Keyspan USB
>> to RS-232C adapter. Thanks Rick..nice job!
>>
>> Philw de ka1gmn
>>
>

261. Re: [V4Protocol] V4 Chat 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-07 19:08:47 UTC
From: Ron Wenig
Topic: 249 Message: 261

Steve,

Rick said it's an error on the screen text. It is 0.1.2.0 and will be
fixed in a later release.

73, Ron ny3j

On 12/7/2010 2:02 PM, stevekb6hoh wrote:
>
> I uninstalled 0.1.1.0 and installed 0.1.2.0 but V4 Chat still says its
> 0.1.1.0. I used REVO to uninstall and NOT Windows 7 add remove program.
> Is this correct or should it shows as the new update?
>
> Tnx de Steve KB6HOH
>
>

262. Re: [V4Protocol] V4 Chat 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-07 19:16:35 UTC
From: R. Ian Renton
Topic: 249 Message: 262

This is an oversight. It is in fact version 0.1.2.0.
Rick will fix it next time around.
Ian
W4RIR

On Tue, Dec 7, 2010 at 2:02 PM, stevekb6hoh <kb6hoh@...> wrote:

>
>
> I uninstalled 0.1.1.0 and installed 0.1.2.0 but V4 Chat still says its
> 0.1.1.0. I used REVO to uninstall and NOT Windows 7 add remove program.
> Is this correct or should it shows as the new update?
>
> Tnx de Steve KB6HOH
>
>
>

263. Re: [V4Protocol] There be activity here!

Yahoo group: V4Protocol
Date: 2010-12-07 22:32:11 UTC
From: W6IDS
Topic: 238 Message: 263

Hey, many thankyews, Sir! It's fun stuff for sure, a little different from
the PacTOR I comms I enjoy, but it's working. What I REALLY want
to see work is the ARQ function and potential for error-free comms -
like that with my PacTOR I and PK-232MBX.

Looks like you made some hallmark moments for yourself in your
own right with the setup at work.

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Box SixteenHundred
To: v4protocol@yahoogroups.com
Sent: Tuesday, December 07, 2010 1:53 PM
Subject: RE: [V4Protocol] There be activity here!

Howard,

i copied you guys here at work.

Using V4 v.0.1.2.0 and WB4MAK's webSDR to copy you.

73 - Bill KA8VIT

To: V4Protocozl@yahoogroups.com
From: w6ids@...
Date: Tue, 7 Dec 2010 12:01:17 -0500
Subject: [V4Protocol] There be activity here!

Yep, there sure is.

Perfect copy on W3CET and W4RIR just a few minutes ago on 7080.5
Dial. It's 1700Z now. Still parked there for now.

Both stations were good sounding. The FEC is neat but I'm anxious
to see the ARQ fly too.

Gotta fix lunch for better half but monitoring still.

Howard W6IDS
Richmond, IN Em79NV

264. Up And Running

Yahoo group: V4Protocol
Date: 2010-12-07 22:36:37 UTC
From: Tom Haskins
Topic: 264 Message: 264

Hello all
Got my V4 up and running.
Need a test.
7077 sometime tomorrow.
73 de Tom, W4WXA

265. AUTO ID

Yahoo group: V4Protocol
Date: 2010-12-07 23:09:34 UTC
From: Ed Woods WD9DVA
Topic: 265 Message: 265

OK what turns it on? The heavy black pringt or the light medium print? Thanks 73 Ed WD9DVA

266. Re: 1st V4protocol Contact

Yahoo group: V4Protocol
Date: 2010-12-07 23:38:59 UTC
From: n9dsj
Topic: 251 Message: 266

I,for one, find this very useful in a round table type setting.

73,
Bill N9DSJ

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> I thought this was described in the help. If AutoID is enabled (BOLD) then the SENDERS call sign is appended to the beginning of the First frame of the buff (not every frame). When the buffer empties it will repeat on the next frame transmitted. If AutoID is off it will NOT append the call sign.
>
> Theory is that appending the call sign to every frame would be very wasteful (6 or 7 characters out of 16). Appending it to the first frame in a contiguous group identifies the sender of the frame group with modest over head. In a net environment (several operating in FEC mode on the same frequency) it is practically the only way to keep â□□who is whoâ□□ straight. It is also operational in ARQ allowing others to â□□read the mailâ□□ and see who is saying what.
>
> Iâ□□m open for other ideas on this...but think them through first please. They have to make sense and not add big and wasteful overhead.
>
> Rick KN6KB
>

267. Re: AUTO ID

Yahoo group: V4Protocol
Date: 2010-12-07 23:40:09 UTC
From: n9dsj
Topic: 265 Message: 267

Hi Ed,

Per Rick, when bold this feature is enabled.

73,

Bill, N9DSJ

--- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@...> wrote:
>
> OK what turns it on? The heavy black pringt or the light medium print? Thanks 73 Ed WD9DVA
>

268. Re: [V4Protocol] Re: New Update 0.1.2.0

Yahoo group: V4Protocol
Date: 2010-12-07 23:51:37 UTC
From: Howard Brown
Topic: 180 Message: 268

That is kind of late but I will be there and try to work you.

Howard K5HB

From: Les Keppie <leskep@....net>
To: V4Protocol@yahoogroups.com
Sent: Mon, December 6, 2010 5:03:23 PM
Subject: Re: [V4Protocol] Re: New Update 0.1.2.0

Hi Howard
I will call CQ between 0400/0500 utc on 14110.5 dial - that is the same freq
VK2JN-5
uses and maybe if I call once a minute we can also listen for others that
may work VK5JN-5
and get an idea if band is open - if a we can print each
other we can then move say to 14105.5 or any other freq you like to suggest?
Les VK2DSG

On 7/12/2010 9:33 AM, Howard Brown wrote:

>Les, how about a sked? What is a good time/freq?
>
>
>Howard K5HB
>
>
>
>

From: Les Keppie <leskep@internode.on.net>
>To: V4Protocol@yahoogroups.com
>Sent: Mon, December 6, 2010 2:02:13 PM
>Subject: Re: [V4Protocol] Re: New Update 0.1.2.0
>
>
>Hi All
>PTT now working with the Flex 3000 using the RMS Express
>settings
>Sending of User files ok but not able to PASTE to the
>Transmit window
>Still no contacts here in VK - other users a bit thin on
>the ground here
>Les VK2DSG
>
>

>On 7/12/2010 2:56 AM, ka1gmn wrote:
>
>>Just installed...PTT works fine now. I am using COM6
>>w/ a Keyspan USB to RS-232C adapter. Thanks Rick..nice
>>job!
>>
>>Philw de ka1gmn
>>
>>

269. Re: [V4Protocol] Up And Running

Yahoo group: V4Protocol
Date: 2010-12-07 23:55:31 UTC
From: W6IDS
Topic: 264 Message: 269

Tom, there's also activity on 7080.500.

Howard W6IDS
Richmond, IN Em79NV

----- Original Message -----
From: "Tom Haskins" <w4wxa@...>
To: <V4Protocol@yahoogroups.com>
Sent: Tuesday, December 07, 2010 5:36 PM
Subject: [V4Protocol] Up And Running

> Hello all
> Got my V4 up and running.
> Need a test.
> 7077 sometime tomorrow.
> 73 de Tom, W4WXA
>

270. Re: [V4Protocol] Rig Control - FT857D

Yahoo group: V4Protocol
Date: 2010-12-08 00:53:47 UTC
From: W6IDS
Topic: 238 Message: 270

Hey Ron,

Just to clarify, you are right - generally. What "I" found is that I enter a frequency after
clicking on the "blued" area to make it white. After entering the frequency, I had to click on the line BELOW that, then click on the frequency I just entered in order to make the frequency change.

In other words, nothing is going to happen, the click won't work until you get off that line
and then come back using the mouse and click on the frequency.

Hmmm.....I hope I wrote that right. I was trying to clarify for Doc, W3CET who was having some trouble with that. Well, there's Lynn down below too for that matter.

Well anyway, there it is.

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Ron Wenig
To: V4Protocol@yahoogroups.com
Sent: Tuesday, December 07, 2010 10:00 AM
Subject: Re: [V4Protocol] Rig Control - FT857D

Lynn,

If you enter a frequency, in KHz, in the mini log data grid, and then click on that field it should change your frequency. For example, enter 7073 and then click on that entry. Make sure that you are in FEC mode and not the default monitor. I have entries for frequencies that I think there will be activity. Or if I see a post from someone for a QSO I will enter the callsign, name and frequency, in KHz, then click on that entry to quickly change and the call that person or click user files and send a macro that I have set up to call CQ.

73, Ron ny3j

On 12/7/2010 9:38 AM, KB3FN wrote:
I must still be missing something. I run a FT857D into a SignaLink USB into RMS Express. The RMS Express does a great job swithing band and freq by clicking on the desired session station.
For the life of me, I can't see how to control the rig with V4 Chat.

Tnx, KB3FN - Lynn

271. Successfully passed msg

Yahoo group: V4Protocol
Date: 2010-12-08 01:31:01 UTC
From: Don
Topic: 271 Message: 271

Rick this is feedback for you. On one of Navy Mars nets tonight I successfully passed a msg for my first attempt. Worked well and received 100%. Don/W4AWP/NNN0ICX

272. Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 01:34:33 UTC
From: jcglt
Topic: 167 Message: 272

This Wednesday afternoon starting at 03:00AM Greenwich time I shall make some V4 test on dial frequency 14,110.5
73 - FK8IH - Jean-Claude

273. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 02:02:29 UTC
From: Les Keppie
Topic: 167 Message: 273

VK2DSG will also be there
73 VK2DSG Les

On 8/12/2010 12:34 PM, jcglt wrote:
>
> This Wednesday afternoon starting at 03:00AM Greenwich time I shall
> make some V4 test on dial frequency 14,110.5
> 73 - FK8IH - Jean-Claude
>
>

274. Re: [V4Protocol] Rig Control - FT857D

Yahoo group: V4Protocol
Date: 2010-12-08 02:23:09 UTC
From: Ron Wenig
Topic: 238 Message: 274

Hi Howard,

Yep, after you enter the frequency you can hit enter then click the
field and it will change the radio. The help section says to right
click to edit the line to create a new entry. After you save it then
you can click any part of that line and it will change the frequency. I
thought it was a convenient way to quickly change frequencies by just
entering it and then clicking on it without entering any other information.

Ron ny3j

On 12/7/2010 7:53 PM, W6IDS wrote:
>
> Hey Ron,
> Just to clarify, you are right - generally. What "I" found is that I
> enter a frequency after
> clicking on the "blued" area to make it white. After entering the
> frequency, I had to click
> on the line BELOW that, then click on the frequency I just entered in
> order to make the
> frequency change.
> In other words, nothing is going to happen, the click won't work until
> you get off that line
> and then come back using the mouse and click on the frequency.
> Hmmm........I hope I wrote that right. I was trying to clarify for
> Doc, W3CET who was
> having some trouble with that. Well, there's Lynn down below too for
> that matter.
> Well anyway, there it is.
> Howard W6IDS
> Richmond, IN EM79NV
>
> ----- Original Message -----
> *From:* Ron Wenig <mailto:rwenig@...>
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Tuesday, December 07, 2010 10:00 AM
> *Subject:* Re: [V4Protocol] Rig Control - FT857DLynn,
>
> If you enter a frequency, in KHz, in the mini log data grid, and
> then click on that field it should change your frequency. For
> example, enter 7073 and then click on that entry. Make sure that
> you are in FEC mode and not the default monitor. I have entries
> for frequencies that I think there will be activity. Or if I see
> a post from someone for a QSO I will enter the callsign, name and
> frequency, in KHz, then click on that entry to quickly change and
> the call that person or click user files and send a macro that I

> have set up to call CQ.
>
> 73, Ron ny3j
>
> On 12/7/2010 9:38 AM, KB3FN wrote:
>> I must still be missing something. I run a FT857D into a
>> SignaLink USB into RMS Express. The RMS Express does a great job
>> swithing band and freq by clicking on the desired session station.
>> For the life of me, I can't see how to control the rig with V4 Chat.
>>
>> Tnx, KB3FN - Lynn
>>
>

275. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 03:24:03 UTC
From: Howard Brown
Topic: 167 Message: 275

I can just barely hear some tones on frequency but no print. Hope you guys are making it OK.

Howard K5HB

From: Les Keppie <leskep@...>
To: V4Protocol@yahoogroups.com
Sent: Tue, December 7, 2010 8:02:29 PM
Subject: Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

VK2DSG will also be there
73 VK2DSG Les

On 8/12/2010 12:34 PM, jcglt wrote:

>This Wednesday afternoon starting at 03:00AM Greenwich time I
>shall make some V4 test on dial frequency 14,110.5
>73 - FK8IH - Jean-Claude
>
>

276. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 03:35:50 UTC
From: Les Keppie
Topic: 167 Message: 276

Hi Howard
Here is a copy of the log for the qso

2010/12/08 02:55:16 cq de vk2dsg vk2
2010/12/08 02:55:19 dsg vk2dsg k
2010/12/08 02:57:01 "O1UZrY%!jj
2010/12/08 02:57:45 h?Sx76qq)BV
NH:
2010/12/08 03:00:03 FK8IH FK8IH FK8IH JEAN CLAUDE DE VK2DSG VK2DSG
VK2DSG LES PSE K
2010/12/08 03:00:06 VK2DSG: FK8IH FK
2010/12/08 03:00:10 8IH FK8IH JEAN
2010/12/08 03:00:13 CLAUDE DE VK2DS
2010/12/08 03:00:17 G VK2DSG VK2DSG
2010/12/08 03:00:20 LES PSE K
2010/12/08 03:00:55 FK8IH FK8IH FK8IH JEAN CLAUDE DE VK2DSG VK2DSG
VK2DSG LES PSE K
2010/12/08 03:01:01 VK2DSG: FK8IH FK
2010/12/08 03:01:04 8IH FK8IH JEAN
2010/12/08 03:01:07 CLAUDE DE VK2DS
2010/12/08 03:01:11 G VK2DSG VK2DSG
2010/12/08 03:01:14 LES PSE K
2010/12/08 03:02:06 FK8IH DE VK2DSG - HOW COPY JEAN-CLAUDE BTU
2010/12/08 03:02:10 VK2DSG: FK8IH DE
2010/12/08 03:02:14 VK2DSG - HOW CO
2010/12/08 03:02:17 PY JEAN-CLAUDE B
2010/12/08 03:02:20 TU

2010/12/08 03:03:07 VK2DSG:
2010/12/08 03:03:22 FK8IH FK8IH DE VK2DSG VK2DSG PSE K
2010/12/08 03:03:26 VK2DSG: FK8IH FK
2010/12/08 03:03:29 8IH DE VK2DSG VK
2010/12/08 03:03:33 2DSG PSE K
2010/12/08 03:04:08 FK8IH FK8IH DE VK2DSG VK2DSG PSE K
2010/12/08 03:04:11 VK2DSG: FK8IH FK
2010/12/08 03:04:15 8IH DE VK2DSG VK
2010/12/08 03:04:18 2DSG PSE K
2010/12/08 03:05:27 FK8IH FK8IH DE VK2DSG VK2DSG VK2DSG PSE K
2010/12/08 03:05:35 VK2DSG: FK8IH FK
2010/12/08 03:05:39 8IH DE VK2DSG VK
2010/12/08 03:05:42 2DSG VK2DSG PSE
2010/12/08 03:05:46 K

2010/12/08 03:06:21 FK8IH FK8IH FK8IH JEAN CLAUDE DE VK2DSG VK2DSG
VK2DSG LES PSE K

2010/12/08 03:06:28 VK2DSG: FK8IH FK
2010/12/08 03:06:32 8IH FK8IH JEAN
2010/12/08 03:06:35 CLAUDE DE VK2DS
2010/12/08 03:06:38 G VK2DSG VK2DSG
2010/12/08 03:06:42 LES PSE K
2010/12/08 03:07:55 FK8IH FK8IH FK8IH JEAN CLAUDE DE VK2DSG VK2DSG
VK2DSG LES PSE K
2010/12/08 03:07:59 VK2DSG: FK8IH FK
2010/12/08 03:08:02 8IH FK8IH JEAN
2010/12/08 03:08:05 CLAUDE DE VK2DS
2010/12/08 03:08:09 G VK2DSG VK2DSG
2010/12/08 03:08:12 LES PSE K
2010/12/08 03:09:06 FK8IH FK8IH DE VK2DSG VK2DSG PSE K
2010/12/08 03:09:11 VK2DSG: FK8IH FK
2010/12/08 03:09:15 8IH DE VK2DSG VK
2010/12/08 03:09:18 2DSG PSE K
2010/12/08 03:09:57 FK8IH: cq cq cq
2010/12/08 03:10:00 de fk8ih fk8ih f
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2010/12/08 03:10:33 HELLO JEAN CLAUDE DE VK2DSG
2010/12/08 03:11:34 FK8IH FK8IH FK8IH JEAN CLAUDE DE VK2DSG VK2DSG
VK2DSG LES PSE K
2010/12/08 03:11:54 CLAUDE DE VK2DS
2010/12/08 03:11:58 G VK2DSG VK2DSG
2010/12/08 03:12:01 LES PSE K
2010/12/08 03:12:20 FK8IH: oI2o \,
2010/12/08 03:12:23 de fk8ih fk8ih f
2010/12/08 03:12:27 k8ih K K K
2010/12/08 03:12:41 HELLO JEAN CLAUDE DE VK2DSG
2010/12/08 03:12:46 VK2DSG: HELLO JE
2010/12/08 03:12:49 AN CLAUDE DE VK2
2010/12/08 03:12:53 DSG
2010/12/08 03:13:07 FK8IH: VK2DGS de
2010/12/08 03:13:11 FK8IH I copy yo
2010/12/08 03:13:14 u nicely K
2010/12/08 03:13:30 FK8IH DE VK2DSG - OK JEAN CLAUDE - NICE COPY HERE ALSO
2010/12/08 03:13:35 VK2DSG: FK8IH DE
2010/12/08 03:13:38 VK2DSG - OK JEA
2010/12/08 03:13:41 N CLAUDE - NICE
2010/12/08 03:13:45 COPY HERE ALSO
2010/12/08 03:13:47 I WONDER IF I CAN TYPE ANOTHER LINE
2010/12/08 03:13:51 VK2DSG: I WONDER
2010/12/08 03:13:54 IF I CAN TYPE A
2010/12/08 03:13:57 NOTHER LINE
2010/12/08 03:13:59 YES IT SEEMS I CAN BTU DE VK2DSG
2010/12/08 03:14:03 VK2DSG: YES IT S
2010/12/08 03:14:06 EEMS I CAN BTU D
2010/12/08 03:14:09 E VK2DSG
2010/12/08 03:14:36 FK8IH: VK2DGS de
2010/12/08 03:14:39 FK8IH first con

2010/12/08 03:14:43 tact with V4, as
2010/12/08 03:14:46 good as Winmor,
2010/12/08 03:14:50 very nice job f
2010/12/08 03:14:53 rom Rick and oth
2010/12/08 03:14:57 er guys K
2010/12/08 03:15:07 FK8IH DE VK2DSG - YES RICK AND OTHERS HAVE DONE A NICE JOB
2010/12/08 03:15:10 VK2DSG: FK8IH DE
2010/12/08 03:15:14 VK2DSG - YES RI
2010/12/08 03:15:17 CK AND OTHERS HA
2010/12/08 03:15:20 VE DONE A NICE J
2010/12/08 03:15:23 AND I THINK IT WILL GET MUCH BETTER AS WE GO ALONG DE VK2DSG
2010/12/08 03:15:24 OB
2010/12/08 03:15:31 VK2DSG: AND I T
2010/12/08 03:15:34 HINK IT WILL GET
2010/12/08 03:15:37 MUCH BETTER AS
2010/12/08 03:15:41 WE GO ALONG DE V
2010/12/08 03:15:44 K2DSG
2010/12/08 03:16:53 FK8IH: VK2DSG de
2010/12/08 03:16:56 FK8IH I took pa
2010/12/08 03:17:00 rt to developmen
2010/12/08 03:17:03 t of Winmor end
2010/12/08 03:17:07 of 2009 and it i
2010/12/08 03:17:10 mproved very fas
2010/12/08 03:17:13 t, very interest
2010/12/08 03:17:17 ing period, this
2010/12/08 03:17:20 time it should
2010/12/08 03:17:24 even be faster K
2010/12/08 03:17:33 FK8IH DE VK2DESG - YES I ALSO BEEN USING WINMOR RIGHT FROM THE START
2010/12/08 03:17:37 VK2DSG: FK8IH DE
2010/12/08 03:17:40 VK2DESG - YES I
2010/12/08 03:17:43 ALSO BEEN USING
2010/12/08 03:17:47 WINMOR RIGHT FR
2010/12/08 03:17:50 OM THE START
2010/12/08 03:17:57 AND I USE IT WHEN I AM MOBILE AND AWAY WITH MY CARAVAN WHEN WE HAVE NO INTERNET
2010/12/08 03:18:01 VK2DSG: AND I U
2010/12/08 03:18:04 SE IT WHEN I AM
2010/12/08 03:18:07 MOBILE AND AWAY
2010/12/08 03:18:11 WITH MY CARAVAN
2010/12/08 03:18:14 WHEN WE HAVE NO
2010/12/08 03:18:18 INTERNET
2010/12/08 03:18:18 THIS WORKS JUST FINE VK8IH DE VK2DSG BTU
2010/12/08 03:18:23 VK2DSG: THIS WOR
2010/12/08 03:18:26 KS JUST FINE VK8
2010/12/08 03:18:30 IH DE VK2DSG BTU
2010/12/08 03:18:42 OOPS WRONG CALL DE VK2DSG
2010/12/08 03:18:45 VK2DSG: OOPS WRO

2010/12/08 03:18:49 NG CALL DE VK2DS
2010/12/08 03:18:52 G
2010/12/08 03:19:46 FK8IH: VK2DSG de
2010/12/08 03:19:49 FK8IH I am not
2010/12/08 03:19:53 very active, jus
2010/12/08 03:19:56 t developing ash
2010/12/08 03:20:00 ore communicatio
2010/12/08 03:20:03 ns for my sailbo
2010/12/08 03:20:07 at and will main
2010/12/08 03:20:10 ly use jPSKMail
2010/12/08 03:20:17 or and now V4 K
2010/12/08 03:20:26 FK8IH DE VK2DSG - OK ON UR SITUATION HERE USING 8 EL
LOG PERIODIC AND FLEX RADIO 3000
2010/12/08 03:20:30 VK2DSG: FK8IH DE
2010/12/08 03:20:33 VK2DSG - OK ON
2010/12/08 03:20:36 UR SITUATION HER
2010/12/08 03:20:38 RUNNING ABOUT 50 WATTS AT MOMENT BTU
2010/12/08 03:20:40 E USING 8 EL LOG
2010/12/08 03:20:43 PERIODIC AND FL
2010/12/08 03:20:46 EX RADIO 3000
RU
2010/12/08 03:20:50 NNING ABOUT 50 W
2010/12/08 03:20:53 ATTS AT MOMENT B
2010/12/08 03:20:57 TU
2010/12/08 03:21:46 K5HC0K5HB J Q?J
2010/12/08 03:22:04 FK8IH DE VK2DSG JEAN-CLAUDE I DO HEAR ANOTHER V4
SIGNAL VERY LOW DOWN
2010/12/08 03:22:08 VK2DSG: FK8IH DE
2010/12/08 03:22:11 VK2DSG JEAN-CLA
2010/12/08 03:22:15 UDE I DO HEAR
2010/12/08 03:22:18 ANOTHER V4 SIGNA
2010/12/08 03:22:21 L VERY LOW DOWN
2010/12/08 03:22:23 BTU
2010/12/08 03:22:29 VK2DSG: BTU
2010/12/08 03:22:33 FK8IH: VK2DGS de
2010/12/08 03:22:36 FK8IH condition
2010/12/08 03:22:39 s here FT897D Hu
2010/12/08 03:22:43 stler mobile ant
2010/12/08 03:22:46 enna and SignaLi
2010/12/08 03:22:50 nk TX running ar
2010/12/08 03:22:53 ound 30 W but th
2010/12/08 03:22:57 is very poor ant
2010/12/08 03:23:00 enna must radiat
2010/12/08 03:23:03 e only 2 or 3 Wa
2010/12/08 03:23:07 tt, do you still
2010/12/08 03:23:10 copy nicely K
2010/12/08 03:23:21 FK8IH DE VK2DSG - UR REPOR IS S7 - WELL UR NICE
STEADY S7 BTU
2010/12/08 03:23:26 VK2DSG: FK8IH DE
2010/12/08 03:23:30 VK2DSG - UR REP

2010/12/08 03:23:33 OR IS S7 - WELL
2010/12/08 03:23:37 UR NICE STEADY
2010/12/08 03:23:40 S7 BTU
2010/12/08 03:24:41 FK8IH: VK2DGS de
2010/12/08 03:24:45 FK8IH ur report
2010/12/08 03:24:48 also S7 steady
2010/12/08 03:24:52 signal some word
2010/12/08 03:24:55 s are barred do
2010/12/08 03:24:59 not know why as
2010/12/08 03:25:02 they are all und
2010/12/08 03:25:06 erstandable K
2010/12/08 03:25:33 FK8IH DE VK2DSG - OK THANKS JEAN CLAUDE - WELL THE
RED AND BARRED MEANS NOT PROPERLY DECODED
2010/12/08 03:25:39 VK2DSG: FK8IH DE
2010/12/08 03:25:42 VK2DSG - OK THA
2010/12/08 03:25:45 NKS JEAN CLAUDE
2010/12/08 03:25:49 - WELL THE RED A
2010/12/08 03:25:52 ND BARRED MEANS
2010/12/08 03:25:56 NOT PROPERLY DEC
2010/12/08 03:25:59 ODED
2010/12/08 03:26:00 BUT AS FAR AS I CAN SEE IT DOES DECODE OK BUT WHY
IT DISPLAYS IN RED WITH BAR I DONT KNOW
2010/12/08 03:26:04 VK2DSG: BUT AS
2010/12/08 03:26:07 FAR AS I CAN SEE
2010/12/08 03:26:11 IT DOES DECODE
2010/12/08 03:26:14 OK BUT WHY IT D
2010/12/08 03:26:17 ISPLAYS IN RED W
2010/12/08 03:26:21 ITH BAR I DONT K
2010/12/08 03:26:24 NOW
2010/12/08 03:26:25 BUT IT WORKS FINE - I THINK I WILL PASTE THE LOGS OF
THE QSO UP TO THE V4 GROUYP
2010/12/08 03:26:31 VK2DSG: BUT IT W
2010/12/08 03:26:33 DE VK2DSG
2010/12/08 03:26:35 ORKS FINE - I TH
2010/12/08 03:26:38 INK I WILL PASTE
2010/12/08 03:26:41 THE LOGS OF THE
2010/12/08 03:26:45 QSO UP TO THE V
2010/12/08 03:26:48 4 GROUYP
DE VK
2010/12/08 03:26:51 2DSG
2010/12/08 03:28:28 FK8IH: VK2DGS de
2010/12/08 03:28:31 FK8IH I underst
2010/12/08 03:28:35 and you will pas
2010/12/08 03:28:38 te the content t
2010/12/08 03:28:42 o the yahoo grou
2010/12/08 03:28:45 p, very good ide
2010/12/08 03:29:02 ieve with QRP ri
2010/12/08 03:29:06 gs, this V4 is a
2010/12/08 03:29:09 mazing K
2010/12/08 03:29:13 FK8IH DE VK2DSG BTW JEAN-CLAUDE THE PARTH DISTANCE

BETWEEN TAMWORTH/DURI AND YOUR LOCATION IS AROUND 1834 KLM
2010/12/08 03:29:18 VK2DSG: FK8IH DE
2010/12/08 03:29:21 VK2DSG BTW JEAN
2010/12/08 03:29:25 -CLAUDE THE PART
2010/12/08 03:29:28 H DISTANCE BETWE
2010/12/08 03:29:31 EN TAMWORTH/DURI
2010/12/08 03:29:35 AND YOUR LOCAT
2010/12/08 03:29:38 ION IS AROUND 18
2010/12/08 03:29:41 34 KLM
2010/12/08 03:29:42 I DID LOOSE SOME DECODING THAT TIME - BUT IT IS
STILL EARLY DAYS YET -
2010/12/08 03:29:47 VK2DSG: I DID LO
2010/12/08 03:29:51 OSE SOME DECODIN
2010/12/08 03:29:54 G THAT TIME - BU
2010/12/08 03:29:57 T IT IS STILL EA
2010/12/08 03:30:01 RLY DAYS YET -
2010/12/08 03:30:10 I WOULD LIKE TO BE ABLE TO COPY FROM THE RX SCREEN
AND PASTE TO THE TX SCREEN BTU
2010/12/08 03:30:14 VK2DSG: I WOULD
2010/12/08 03:30:18 LIKE TO BE ABLE
2010/12/08 03:30:21 TO COPY FROM THE
2010/12/08 03:30:24 RX SCREEN AND P
2010/12/08 03:30:28 ASTE TO THE TX S
2010/12/08 03:30:31 CREEN BTU
2010/12/08 03:31:44 FK8IH: VK2DGS de
2010/12/08 03:31:47 FK8IH I was ver
2010/12/08 03:31:51 y happy to make
2010/12/08 03:31:54 this first QSO i
2010/12/08 03:32:01 n VK and FK I mu
2010/12/08 03:32:08 business to do
2010/12/08 03:32:11 wish you the bes
2010/12/08 03:32:15 t Les and hope t
2010/12/08 03:32:22 on the air Best
2010/12/08 03:32:25 73 by AR
2010/12/08 03:32:34 FK8IH DE VK2DSG - OK THANKS JEAN-CLAUDE FOR THE TEST
- SEE YOU AGAIN SOON I HOPE FK8IH DE VK2DSG
2010/12/08 03:32:37 VK2DSG: FK8IH DE
2010/12/08 03:32:41 VK2DSG - OK THA
2010/12/08 03:32:44 NKS JEAN-CLAUDE
2010/12/08 03:32:47 FOR THE TEST - S
2010/12/08 03:32:51 EE YOU AGAIN SOO
2010/12/08 03:32:54 N I HOPE FK8IH D
2010/12/08 03:32:58 E VK2DSG

On 8/12/2010 2:24 PM, Howard Brown wrote:
> I can just barely hear some tones on frequency but no print. Hope you
> guys are making it OK.
>
> Howard K5HB
>

>
> ---
> *From:* Les Keppie <leskep@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Tue, December 7, 2010 8:02:29 PM
> *Subject:* Re: [V4Protocol] Re: Testing from FK8-New-Caledonia
>
> VK2DSG will also be there
> 73 VK2DSG Les
>
> On 8/12/2010 12:34 PM, jcglt wrote:
>
>> This Wednesday afternoon starting at 03:00AM Greenwich time I shall
>> make some V4 test on dial frequency 14,110.5
>> 73 - FK8IH - Jean-Claude
>>
>

277. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 03:44:29 UTC
From: Howard Brown
Topic: 167 Message: 277

Great QSO guys. I can hear weak signals but no copy. I am running 300 watts to a yagi at 55'.

Maybe another time we can work between us.

Howard K5HB

From: Les Keppie <leskep@internode.on.net>
To: V4Protocol@yahoogroups.com
Sent: Tue, December 7, 2010 9:35:50 PM
Subject: Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Hi Howard
Here is a copy of the log for the qso

2010/12/08 02:55:16 cq de vk2dsg vk2
2010/12/08 02:55:19 dsg vk2dsg k
2010/12/08 02:57:01 "O1UZrY%!jj
2010/12/08 02:57:45 h?Sx76qq)BV
NH:
2010/12/08 03:00:03 FK8IH FK8IH FK8IH JEAN CLAUDE DE VK2DSG VK2DSG VK2DSG LES PSE K
2010/12/08 03:00:06 VK2DSG: FK8IH FK
2010/12/08 03:00:10 8IH FK8IH JEAN
2010/12/08 03:00:13 CLAUDE DE VK2DS
2010/12/08 03:00:17 G VK2DSG VK2DSG
2010/12/08 03:00:20 LES PSE K
2010/12/08 03:00:55 FK8IH FK8IH FK8IH JEAN CLAUDE DE VK2DSG VK2DSG VK2DSG LES PSE K
2010/12/08 03:01:01 VK2DSG: FK8IH FK
2010/12/08 03:01:04 8IH FK8IH JEAN
2010/12/08 03:01:07 CLAUDE DE VK2DS
2010/12/08 03:01:11 G VK2DSG VK2DSG
2010/12/08 03:01:14 LES PSE K
2010/12/08 03:02:06 FK8IH DE VK2DSG - HOW COPY JEAN-CLAUDE BTU
2010/12/08 03:02:10 VK2DSG: FK8IH DE
2010/12/08 03:02:14 VK2DSG - HOW CO
2010/12/08 03:02:17 PY JEAN-CLAUDE B
2010/12/08 03:02:20 TU

2010/12/08 03:03:07 VK2DSG:
2010/12/08 03:03:22 FK8IH FK8IH DE VK2DSG VK2DSG PSE K
2010/12/08 03:03:26 VK2DSG: FK8IH FK
2010/12/08 03:03:29 8IH DE VK2DSG VK
2010/12/08 03:03:33 2DSG PSE K

2010/12/08 03:04:08 FK8IH FK8IH DE VK2DSG VK2DSG PSE K
2010/12/08 03:04:11 VK2DSG: FK8IH FK
2010/12/08 03:04:15 8IH DE VK2DSG VK
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LES PSE K
2010/12/08 03:06:28 VK2DSG: FK8IH FK
2010/12/08 03:06:32 8IH FK8IH JEAN
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LES PSE K
2010/12/08 03:07:59 VK2DSG: FK8IH FK
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2010/12/08 03:09:11 VK2DSG: FK8IH FK
2010/12/08 03:09:15 8IH DE VK2DSG VK
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2010/12/08 03:10:00 de fk8ih fk8ih f
2010/12/08 03:10:03 k8ih k k k
2010/12/08 03:10:33 HELLO JEAN CLAUDE DE VK2DSG
2010/12/08 03:11:34 FK8IH FK8IH FK8IH JEAN CLAUDE DE VK2DSG VK2DSG VK2DSG
LES PSE K
2010/12/08 03:11:54 CLAUDE DE VK2DS
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2010/12/08 03:12:23 de fk8ih fk8ih f
2010/12/08 03:12:27 k8ih K K K
2010/12/08 03:12:41 HELLO JEAN CLAUDE DE VK2DSG
2010/12/08 03:12:46 VK2DSG: HELLO JE
2010/12/08 03:12:49 AN CLAUDE DE VK2
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2010/12/08 03:13:38 VK2DSG - OK JEA

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2010/12/08 03:13:51 VK2DSG: I WONDER
2010/12/08 03:13:54 IF I CAN TYPE A
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2010/12/08 03:25:52 ND BARRED MEANS
2010/12/08 03:25:56 NOT PROPERLY DEC
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2010/12/08 03:29:35 AND YOUR LOCAT
2010/12/08 03:29:38 ION IS AROUND 18
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2010/12/08 03:30:24 RX SCREEN AND P
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2010/12/08 03:32:22 on the air Best
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2010/12/08 03:32:34 FK8IH DE VK2DSG - OK THANKS JEAN-CLAUDE FOR THE TEST - SEE YOU AGAIN SOON I HOPE FK8IH DE VK2DSG
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2010/12/08 03:32:41 VK2DSG - OK THA

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2010/12/08 03:32:51 EE YOU AGAIN SOO
2010/12/08 03:32:54 N I HOPE FK8IH D
2010/12/08 03:32:58 E VK2DSG

On 8/12/2010 2:24 PM, Howard Brown wrote:

>I can just barely hear some tones on frequency but no print. Hope
>you guys are making it OK.
>
>Howard K5HB
>
>
>
>
>
>
>

From: Les Keppie <leskep@...>
>To: V4Protocol@yahoogroups.com
>Sent: Tue, December 7, 2010 8:02:29 PM
>Subject: Re: [V4Protocol] Re: Testing from FK8-New-Caledonia
>
>
>VK2DSG will also be there
>73 VK2DSG Les
>
>On 8/12/2010 12:34 PM, jcglt wrote:
>
>>This Wednesday afternoon starting at 03:00AM Greenwich
>>time I shall make some V4 test on dial frequency
>>14,110.5
>>73 - FK8IH - Jean-Claude
>>
>>

278. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 03:44:49 UTC
From: Les Keppie
Topic: 167 Message: 278

Hi All
It appears that the tx text is being sent twice to the rx screen - once
when it is typed and again when it is transmitted
Maybe also what is needed is a control to go to TX and another to go
back to RX - instead of sending by line
The decoding was mostly very good with only once I noticed that it did
not decode for some 3 or 4 frames -
all in all quite a good test I thought
Regards
Les VK2DSG

On 8/12/2010 2:24 PM, Howard Brown wrote:
> I can just barely hear some tones on frequency but no print. Hope you
> guys are making it OK.
>
> Howard K5HB
>
>
> ---
> *From:* Les Keppie <leskep@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Tue, December 7, 2010 8:02:29 PM
> *Subject:* Re: [V4Protocol] Re: Testing from FK8-New-Caledonia
>
> VK2DSG will also be there
> 73 VK2DSG Les
>
> On 8/12/2010 12:34 PM, jcglt wrote:
>
>> This Wednesday afternoon starting at 03:00AM Greenwich time I shall
>> make some V4 test on dial frequency 14,110.5
>> 73 - FK8IH - Jean-Claude
>>
>

279. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 03:53:33 UTC
From: Les Keppie
Topic: 167 Message: 279

Hi Howard
I heard a weak V4 signal and you will see I make comment about it in my
text - so that was probably you -
too low down - hihi - as you say maybe some other time - I run only
about 55 watts to 8 el log at 52 feet
Cheers
de Les vk2dsg

On 8/12/2010 2:44 PM, Howard Brown wrote:
> Great QSO guys. I can hear weak signals but no copy. I am running
> 300 watts to a yagi at 55'.
>
> Maybe another time we can work between us.
>
> Howard K5HB
>
> ---
> *From:* Les Keppie <leskep@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Tue, December 7, 2010 9:35:50 PM
> *Subject:* Re: [V4Protocol] Re: Testing from FK8-New-Caledonia
>
> Hi Howard
> Here is a copy of the log for the qso
>
> 2010/12/08 02:55:16 cq de vk2dsg vk2
> 2010/12/08 02:55:19 dsg vk2dsg k
> 2010/12/08 02:57:01 "O1UZrY%!jj
> 2010/12/08 02:57:45 h?Sx76qq)BV
> NH:
> 2010/12/08 03:00:03 FK8IH FK8IH FK8IH JEAN CLAUDE DE VK2DSG VK2DSG
> VK2DSG LES PSE K
> 2010/12/08 03:00:06 VK2DSG: FK8IH FK
> 2010/12/08 03:00:10 8IH FK8IH JEAN
> 2010/12/08 03:00:13 CLAUDE DE VK2DS
> 2010/12/08 03:00:17 G VK2DSG VK2DSG
> 2010/12/08 03:00:20 LES PSE K
> 2010/12/08 03:00:55 FK8IH FK8IH FK8IH JEAN CLAUDE DE VK2DSG VK2DSG
> VK2DSG LES PSE K
> 2010/12/08 03:01:01 VK2DSG: FK8IH FK
> 2010/12/08 03:01:04 8IH FK8IH JEAN
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> 2010/12/08 03:01:11 G VK2DSG VK2DSG
> 2010/12/08 03:01:14 LES PSE K
> 2010/12/08 03:02:06 FK8IH DE VK2DSG - HOW COPY JEAN-CLAUDE BTU

> 2010/12/08 03:02:10 VK2DSG: FK8IH DE
> 2010/12/08 03:02:14 VK2DSG - HOW CO
> 2010/12/08 03:02:17 PY JEAN-CLAUDE B
> 2010/12/08 03:02:20 TU
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> 2010/12/08 03:03:33 2DSG PSE K
> 2010/12/08 03:04:08 FK8IH FK8IH DE VK2DSG VK2DSG PSE K
> 2010/12/08 03:04:11 VK2DSG: FK8IH FK
> 2010/12/08 03:04:15 8IH DE VK2DSG VK
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> 2010/12/08 03:06:32 8IH FK8IH JEAN
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> 2010/12/08 03:11:58 G VK2DSG VK2DSG
> 2010/12/08 03:12:01 LES PSE K
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> 2010/12/08 03:12:27 k8ih K K K

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> 2010/12/08 03:13:11 FK8IH I copy yo
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> 2010/12/08 03:13:38 VK2DSG - OK JEA
> 2010/12/08 03:13:41 N CLAUDE - NICE
> 2010/12/08 03:13:45 COPY HERE ALSO
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> 2010/12/08 03:13:57 NOTHER LINE
> 2010/12/08 03:13:59 YES IT SEEMS I CAN BTU DE VK2DSG
> 2010/12/08 03:14:03 VK2DSG: YES IT S
> 2010/12/08 03:14:06 EEMS I CAN BTU D
> 2010/12/08 03:14:09 E VK2DSG
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> 2010/12/08 03:14:39 FK8IH first con
> 2010/12/08 03:14:43 tact with V4, as
> 2010/12/08 03:14:46 good as Winmor,
> 2010/12/08 03:14:50 very nice job f
> 2010/12/08 03:14:53 rom Rick and oth
> 2010/12/08 03:14:57 er guys K
> 2010/12/08 03:15:07 FK8IH DE VK2DSG - YES RICK AND OTHERS HAVE DONE A
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> 2010/12/08 03:15:17 CK AND OTHERS HA
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> DE VK2DSG
> 2010/12/08 03:15:24 OB
> 2010/12/08 03:15:31 VK2DSG: AND I T
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> 2010/12/08 03:15:37 MUCH BETTER AS
> 2010/12/08 03:15:41 WE GO ALONG DE V
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> 2010/12/08 03:17:17 ing period, this
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> RIGHT FROM THE START
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> 2010/12/08 03:17:40 VK2DESG - YES I
> 2010/12/08 03:17:43 ALSO BEEN USING
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> 2010/12/08 03:18:14 WHEN WE HAVE NO
> 2010/12/08 03:18:18 INTERNET
> 2010/12/08 03:18:18 THIS WORKS JUST FINE VK8IH DE VK2DSG BTU
> 2010/12/08 03:18:23 VK2DSG: THIS WOR
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> 2010/12/08 03:18:49 NG CALL DE VK2DS
> 2010/12/08 03:18:52 G
> 2010/12/08 03:19:46 FK8IH: VK2DSG de
> 2010/12/08 03:19:49 FK8IH I am not
> 2010/12/08 03:19:53 very active, jus
> 2010/12/08 03:19:56 t developing ash
> 2010/12/08 03:20:00 ore communicatio
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> 2010/12/08 03:20:07 at and will main
> 2010/12/08 03:20:10 ly use jPSKMail
> 2010/12/08 03:20:17 or and now V4 K
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> 2010/12/08 03:20:33 VK2DSG - OK ON
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> 2010/12/08 03:20:38 RUNNING ABOUT 50 WATTS AT MOMENT BTU
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> 2010/12/08 03:20:46 EX RADIO 3000
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> 2010/12/08 03:20:53 ATTS AT MOMENT B
> 2010/12/08 03:20:57 TU
> 2010/12/08 03:21:46 K5HC0K5HB JQ?J
> 2010/12/08 03:22:04 FK8IH DE VK2DSG JEAN-CLAUDE I DO HEAR ANOTHER V4
> SIGNAL VERY LOW DOWN
> 2010/12/08 03:22:08 VK2DSG: FK8IH DE

> 2010/12/08 03:22:11 VK2DSG JEAN-CLA
> 2010/12/08 03:22:15 UDE I DO HEAR
> 2010/12/08 03:22:18 ANOTHER V4 SIGNA
> 2010/12/08 03:22:21 L VERY LOW DOWN
> 2010/12/08 03:22:23 BTU
> 2010/12/08 03:22:29 VK2DSG: BTU
> 2010/12/08 03:22:33 FK8IH: VK2DGS de
> 2010/12/08 03:22:36 FK8IH condition
> 2010/12/08 03:22:39 s here FT897D Hu
> 2010/12/08 03:22:43 stler mobile ant
> 2010/12/08 03:22:46 enna and SignaLi
> 2010/12/08 03:22:50 nk TX running ar
> 2010/12/08 03:22:53 ound 30 W but th
> 2010/12/08 03:22:57 is very poor ant
> 2010/12/08 03:23:00 enna must radiat
> 2010/12/08 03:23:03 e only 2 or 3 Wa
> 2010/12/08 03:23:07 tt, do you still
> 2010/12/08 03:23:10 copy nicely K
> 2010/12/08 03:23:21 FK8IH DE VK2DSG - UR REPOR IS S7 - WELL UR NICE
> STEADY S7 BTU
> 2010/12/08 03:23:26 VK2DSG: FK8IH DE
> 2010/12/08 03:23:30 VK2DSG - UR REP
> 2010/12/08 03:23:33 OR IS S7 - WELL
> 2010/12/08 03:23:37 UR NICE STEADY
> 2010/12/08 03:23:40 S7 BTU
> 2010/12/08 03:24:41 FK8IH: VK2DGS de
> 2010/12/08 03:24:45 FK8IH ur report
> 2010/12/08 03:24:48 also S7 steady
> 2010/12/08 03:24:52 signal some word
> 2010/12/08 03:24:55 s are barred do
> 2010/12/08 03:24:59 not know why as
> 2010/12/08 03:25:02 they are all und
> 2010/12/08 03:25:06 erstandable K
> 2010/12/08 03:25:33 FK8IH DE VK2DSG - OK THANKS JEAN CLAUDE - WELL THE
> RED AND BARRED MEANS NOT PROPERLY DECODED
> 2010/12/08 03:25:39 VK2DSG: FK8IH DE
> 2010/12/08 03:25:42 VK2DSG - OK THA
> 2010/12/08 03:25:45 NKS JEAN CLAUDE
> 2010/12/08 03:25:49 - WELL THE RED A
> 2010/12/08 03:25:52 ND BARRED MEANS
> 2010/12/08 03:25:56 NOT PROPERLY DEC
> 2010/12/08 03:25:59 ODED
> 2010/12/08 03:26:00 BUT AS FAR AS I CAN SEE IT DOES DECODE OK BUT WHY
> IT DISPLAYS IN RED WITH BAR I DONT KNOW
> 2010/12/08 03:26:04 VK2DSG: BUT AS
> 2010/12/08 03:26:07 FAR AS I CAN SEE
> 2010/12/08 03:26:11 IT DOES DECODE
> 2010/12/08 03:26:14 OK BUT WHY IT D
> 2010/12/08 03:26:17 ISPLAYS IN RED W
> 2010/12/08 03:26:21 ITH BAR I DONT K

> 2010/12/08 03:26:24 NOW
> 2010/12/08 03:26:25 BUT IT WORKS FINE - I THINK I WILL PASTE THE LOGS
> OF THE QSO UP TO THE V4 GROUYP
> 2010/12/08 03:26:31 VK2DSG: BUT IT W
> 2010/12/08 03:26:33 DE VK2DSG
> 2010/12/08 03:26:35 ORKS FINE - I TH
> 2010/12/08 03:26:38 INK I WILL PASTE
> 2010/12/08 03:26:41 THE LOGS OF THE
> 2010/12/08 03:26:45 QSO UP TO THE V
> 2010/12/08 03:26:48 4 GROUYP
> DE VK
> 2010/12/08 03:26:51 2DSG
> 2010/12/08 03:28:28 FK8IH: VK2DGS de
> 2010/12/08 03:28:31 FK8IH I underst
> 2010/12/08 03:28:35 and you will pas
> 2010/12/08 03:28:38 te the content t
> 2010/12/08 03:28:42 o the yahoo grou
> 2010/12/08 03:28:45 p, very good ide
> 2010/12/08 03:29:02 ieve with QRP ri
> 2010/12/08 03:29:06 gs, this V4 is a
> 2010/12/08 03:29:09 mazing K
> 2010/12/08 03:29:13 FK8IH DE VK2DSG BTW JEAN-CLAUDE THE PARTH DISTANCE
> BETWEEN TAMWORTH/DURI AND YOUR LOCATION IS AROUND 1834 KLM
> 2010/12/08 03:29:18 VK2DSG: FK8IH DE
> 2010/12/08 03:29:21 VK2DSG BTW JEAN
> 2010/12/08 03:29:25 -CLAUDE THE PART
> 2010/12/08 03:29:28 H DISTANCE BETWE
> 2010/12/08 03:29:31 EN TAMWORTH/DURI
> 2010/12/08 03:29:35 AND YOUR LOCAT
> 2010/12/08 03:29:38 ION IS AROUND 18
> 2010/12/08 03:29:41 34 KLM
> 2010/12/08 03:29:42 I DID LOOSE SOME DECODING THAT TIME - BUT IT IS
> STILL EARLY DAYS YET -
> 2010/12/08 03:29:47 VK2DSG: I DID LO
> 2010/12/08 03:29:51 OSE SOME DECODIN
> 2010/12/08 03:29:54 G THAT TIME - BU
> 2010/12/08 03:29:57 T IT IS STILL EA
> 2010/12/08 03:30:01 RLY DAYS YET -
> 2010/12/08 03:30:10 I WOULD LIKE TO BE ABLE TO COPY FROM THE RX SCREEN
> AND PASTE TO THE TX SCREEN BTU
> 2010/12/08 03:30:14 VK2DSG: I WOULD
> 2010/12/08 03:30:18 LIKE TO BE ABLE
> 2010/12/08 03:30:21 TO COPY FROM THE
> 2010/12/08 03:30:24 RX SCREEN AND P
> 2010/12/08 03:30:28 ASTE TO THE TX S
> 2010/12/08 03:30:31 CREEN BTU
> 2010/12/08 03:31:44 FK8IH: VK2DGS de
> 2010/12/08 03:31:47 FK8IH I was ver
> 2010/12/08 03:31:51 y happy to make
> 2010/12/08 03:31:54 this first QSO i

> 2010/12/08 03:32:01 n VK and FK I mu
> 2010/12/08 03:32:08 business to do
> 2010/12/08 03:32:11 wish you the bes
> 2010/12/08 03:32:15 t Les and hope t
> 2010/12/08 03:32:22 on the air Best
> 2010/12/08 03:32:25 73 by AR
> 2010/12/08 03:32:34 FK8IH DE VK2DSG - OK THANKS JEAN-CLAUDE FOR THE
> TEST - SEE YOU AGAIN SOON I HOPE FK8IH DE VK2DSG
> 2010/12/08 03:32:37 VK2DSG: FK8IH DE
> 2010/12/08 03:32:41 VK2DSG - OK THA
> 2010/12/08 03:32:44 NKS JEAN-CLAUDE
> 2010/12/08 03:32:47 FOR THE TEST - S
> 2010/12/08 03:32:51 EE YOU AGAIN SOO
> 2010/12/08 03:32:54 N I HOPE FK8IH D
> 2010/12/08 03:32:58 E VK2DSG
>
>
> On 8/12/2010 2:24 PM, Howard Brown wrote:
>
>> I can just barely hear some tones on frequency but no print. Hope
>> you guys are making it OK.
>>
>> Howard K5HB
>>
>>
>> ---
>> *From:* Les Keppie <leskep@...>
>> *To:* V4Protocol@yahoogroups.com
>> *Sent:* Tue, December 7, 2010 8:02:29 PM
>> *Subject:* Re: [V4Protocol] Re: Testing from FK8-New-Caledonia
>>
>> VK2DSG will also be there
>> 73 VK2DSG Les
>>
>> On 8/12/2010 12:34 PM, jcglt wrote:
>>
>>> This Wednesday afternoon starting at 03:00AM Greenwich time I shall
>>> make some V4 test on dial frequency 14,110.5
>>> 73 - FK8IH - Jean-Claude
>>>
>

280. N6KZB Heard

Yahoo group: V4Protocol
Date: 2010-12-08 03:57:36 UTC
From: W6IDS
Topic: 240 Message: 280

The Receive window is much cleaner but here's
a portion of the Log - saw N6KZB come across
on 7080.500:

2010/12/08 03:41:31 DS Richmond, IN
2010/12/08 03:41:35 KKKK
2010/12/08 03:44:10 N6KZB/XE2: cq cq
2010/12/08 03:44:16 xe2 n7M j>0e2 n6

I did try a connect but no joy. Not a bad signal,
enough to create activity in the constellation.
Didn't catch the score.

Howard W6IDS
Richmond, IN EM79NV

281. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 04:03:35 UTC
From: Les Keppie
Topic: 167 Message: 281

Hi Howard
Just seen ur call k5hb pop up on my screen with red line through it - hihi
de les

On 8/12/2010 2:44 PM, Howard Brown wrote:
> *From:* Les Keppie <leskep@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Tue, December 7, 2010 9:35:50 PM
> *Subject:* Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

282. Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 04:07:49 UTC
From: jcglt - FK8IH
Topic: 167 Message: 282

I fully agree with Les, very nice first QSO with V4 mode. I tried to test the mode blindly two days ago with no luck. Today Les and me had decided to make this test at 03:00AM Universal Time on 14,110.5 - sorry I was late by a few minutes - and it worked at the first attempt. What is interesting is my very poor conditions : Hustler mobile antenna with very low efficiency, which means I radiated only maybe 2 or 3 Watt but Les's log periodic did the job for both of us !
I was surprised to see that most red barred words (considered as badly decoded) were perfectly understandable. The pasting made by Les and copied to this group is also interesting as it shows that we could copy nearly the same words, nice. Unfortunately I tried to copy-paste but could not do it, don't know why.
I think this shows that V4 is very promising, able to work in very marginal conditions, with a mobile antenna, as emergency communication mode when the base station has been destroyed, should also be excellent for mobile and maritime mobile communications.
As said in the QSO Rick and some other OMs have made a wonderful job and I am very much grateful to them.
73 to all, FK8IH - Jean-Claude

283. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 04:13:25 UTC
From: Les Keppie
Topic: 167 Message: 283

Hi Jean-Claude
You need to bring up the log for that time - under Logs - highlight it in there and then copy and paste
At the moment you cannot paste to the TX screen or copy from the RX screen of the program
Regards
Les VK2DSG

On 8/12/2010 3:07 PM, jcglt - FK8IH wrote:
>
> I fully agree with Les, very nice first QSO with V4 mode. I tried to
> test the mode blindly two days ago with no luck. Today Les and me had
> decided to make this test at 03:00AM Universal Time on 14,110.5 -
> sorry I was late by a few minutes - and it worked at the first
> attempt. What is interesting is my very poor conditions : Hustler
> mobile antenna with very low efficiency, which means I radiated only
> maybe 2 or 3 Watt but Les's log periodic did the job for both of us !
> I was surprised to see that most red barred words (considered as badly
> decoded) were perfectly understandable. The pasting made by Les and
> copied to this group is also interesting as it shows that we could
> copy nearly the same words, nice. Unfortunately I tried to copy-paste
> but could not do it, don't know why.
> I think this shows that V4 is very promising, able to work in very
> marginal conditions, with a mobile antenna, as emergency communication
> mode when the base station has been destroyed, should also be
> excellent for mobile and maritime mobile communications.
> As said in the QSO Rick and some other OMs have made a wonderful job
> and I am very much grateful to them.
> 73 to all, FK8IH - Jean-Claude
>
>

284. Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 04:25:11 UTC
From: jcglt - FK8IH
Topic: 167 Message: 284

Hi Les,
I did it before you returned. In fact I'm mostly working on Linux Ubuntu but for this V4 test I had to boot my laptop in Windows XP I hate Windows), come back to Ubuntu for my comment to this group then return to XP to read both logs : TNT log and QSO log. I could see the QSO log is the place to copy-paste currently. I studied the TNT log, everything worked fluently, no problem at all. In the QSO log I did not have this problem you mention of phrases been recorded twice, on my log they are recorded only once, maybe because I typed my phrases then clicked "Return" without trying to copy-paste ?
Anyway this was a very nice QSO.
73 - FK8IH - Jean-Claude

--- In V4Protocol@yahoogroups.com, Les Keppie <leskep@...> wrote:
>
> Hi Jean-Claude
> You need to bring up the log for that time - under Logs - highlight it
> in there and then copy and paste
> At the moment you cannot paste to the TX screen or copy from the RX
> screen of the program
> Regards
> Les VK2DSG

285. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 04:55:47 UTC
From: Robert Mcleod
Topic: 167 Message: 285

Hello To all. I have found that you can send a file, so copy/paste as a text file, save it on desk top and send it that way....wb4dpp,nnn0jki sc

--- On Tue, 12/7/10, Les Keppie <leskep@...> wrote:

From: Les Keppie <leskep@...>
Subject: Re: [V4Protocol] Re: Testing from FK8-New-Caledonia
To: V4Protocol@yahoogroups.com
Date: Tuesday, December 7, 2010, 11:13 PM

Hi Jean-Claude

You need to bring up the log for that time - under Logs - highlight it in there and then copy and paste

At the moment you cannot paste to the TX screen or copy from the RX screen of the program

Regards

Les VK2DSG

On 8/12/2010 3:07 PM, jcglt - FK8IH wrote:

I fully agree with Les, very nice first QSO with V4 mode. I tried to test the mode blindly two days ago with no luck. Today Les and me had decided to make this test at 03:00AM Universal Time on 14,110.5 - sorry I was late by a few minutes - and it worked at the first attempt. What is interesting is my very poor conditions : Hustler mobile antenna with very low efficiency, which means I radiated only maybe 2 or 3 Watt but Les's log periodic did the job for both of us !

I was surprised to see that most red barred words (considered as badly decoded) were perfectly understandable. The pasting made by Les and copied to this group is also interesting as it shows that we could copy nearly the same words, nice. Unfortunately I tried to copy-paste but could not do it, don't know why.

I think this shows that V4 is very promising, able to work in very marginal conditions, with a mobile antenna, as emergency communication mode when the base station has been destroyed, should also be excellent for mobile and maritime mobile communications.

As said in the QSO Rick and some other OMs have made a wonderful job and I am very much grateful to them.

73 to all, FK8IH - Jean-Claude

286. Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 05:22:32 UTC
From: jcglt - FK8IH
Topic: 167 Message: 286

Another comment after having compared my QSO log and My RX screen :
- the words and parts of sentences which were red barred on the screen, which means they were not well decoded are not recorded in the log, which explains why there are holes in the log copied and pasted by Les - however most of these red barred pieces were readable, understandable, without fault. If it was possible to copy - paste from the Rx screen it would be then possible to fully record a QSO.
I tried to copy-paste from the Rx screen and the only result is that everything on the Rx screen became red-barred.
I start to get a better understanding of this small wonder.
73 - FK8IH - Jean-Claude

287. Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 07:55:11 UTC
From: timrob@westnet.com.au
Topic: 167 Message: 287

Hello Jean-Claude

I started today also. I'll have my rig tuned to 14.073, and be in listening mode (and occasionally able to tx) over the next 48 hours.

I look forward to chatting with you should our paths cross.

Tim
VK4YEH

--- In V4Protocol@yahoogroups.com, "jcglt" <jcjglt@...> wrote:
>
> I did a first test on the air today on 14073. Heard nobody and was not heard too. However everything worked nicely : setup, TNC, test, CWID, a few CQs sent. I'll try again the next days.
> Usually I have very good connects on WINMOR mode on 14110.5 with VK2JN-5 in Sydney (1250 miles distance) with very marginal local conditions here : a FT897D sending 30W in a mobile Hustler antenna on the balcony of my flat (5th floor), I estimate the radiated power to be around 2 or 3W only. I am interested to see the results I could achieve with this very low power on this new V4 mode.
> My first comment is that I am amazed by the quality already reached at this very early stage of development, the software works, there remains to see what I shall be able to do with my QRP set.
> When I activate my station I log in also in http://www.obriensweb.com/sked/
> as FK8IH
>
> 73 to all, FK8IH - Jean-Claude
>

288. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 07:58:14 UTC
From: Les Keppie
Topic: 167 Message: 288

Hi Jean-Claude
I think this problem arises when you are already sending a line of text
and you have
typed another line of text and hit enter again while the last line is
still sending - it has nothing to do with
copying and pasting since at the moment - at least for me - I cannot
paste to the TX screen or copy from the
RX screen
It seems to me a better system would be to have a TRANSMIT button and a
RECEIVE button or Toggle TX ON/OFF
system and the program just sent IDLE or fill characters until more text
was sent to the buffer by hitting the Return key
or the RX or Toggle off was used - at the moment it sends whatever is in
the one line buffer then goes back to RX
(I have not yet experimented on how long this one line can be - (does
it have a specific character length for the line)
I think more testing is needed to find out exactly how this works - but
I am sure it will evolve progressively as we go
along with the testing
Les VK2DSG

On 8/12/2010 3:25 PM, jcglt - FK8IH wrote:
>
> Hi Les,
> I did it before you returned. In fact I'm mostly working on Linux
> Ubuntu but for this V4 test I had to boot my laptop in Windows XP I
> hate Windows), come back to Ubuntu for my comment to this group then
> return to XP to read both logs : TNT log and QSO log. I could see the
> QSO log is the place to copy-paste currently. I studied the TNT log,
> everything worked fluently, no problem at all. In the QSO log I did
> not have this problem you mention of phrases been recorded twice, on
> my log they are recorded only once, maybe because I typed my phrases
> then clicked "Return" without trying to copy-paste ?
> Anyway this was a very nice QSO.
> 73 - FK8IH - Jean-Claude
>
> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>, Les Keppie <leskep@...> wrote:
> >
> > Hi Jean-Claude
> > You need to bring up the log for that time - under Logs - highlight it
> > in there and then copy and paste
> > At the moment you cannot paste to the TX screen or copy from the RX
> > screen of the program
> > Regards

> > Les VK2DSG
>
>

289. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 13:01:10 UTC
From: W6IDS
Topic: 167 Message: 289

Hi Les,

In a couple of contacts and once by myself, I typed a BUNCH of lines and then hit ENTER. The whole thing was sent without stopping until the end was reached, maybe 10 or rwelve lines or so.
I just kept typing without hitting ENTER, letting word wrap happen.

I made up a user file which resembles a "Brag file" containing name, location, equipment, little history
and such, just to test what could be sent. The whole thing went out just fine, line by line, until the end
was reached at which point I had typed a "so BTU and we'll see how you're doing KKKK" at which
point I stopped transmitting.

I haven't seen any line restrictions per se.....unless you hit a ENTER while you're typing. That you
don't want to do I think, in so far as my thread here is concerned. Or so it seems.....

Howard W6IDS
Richmond, IN EM79NV.
----- Original Message -----
From: Les Keppie
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 08, 2010 2:58 AM
Subject: Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Hi Jean-Claude
I think this problem arises when you are already sending a line of text and you have typed another line of text and hit enter again while the last line is still sending - it has nothing to do with
copying and pasting since at the moment - at least for me - I cannot paste to the TX screen or copy from the
RX screen
It seems to me a better system would be to have a TRANSMIT button and a RECEIVE button or Toggle TX ON/OFF
system and the program just sent IDLE or fill characters until more text was sent to the buffer by hitting the Return key
or the RX or Toggle off was used - at the moment it sends whatever is in the one line buffer then goes back to RX
(I have not yet experimented on how long this one line can be - (does it have a specific character length for the line)
I think more testing is needed to find out exactly how this works - but I am sure it will evolve progressively as we go
along with the testing
Les VK2DSG

290. It be early, but... CQ ing on 14.073 n6kzb/xe2

Yahoo group: V4Protocol
Date: 2010-12-08 13:27:21 UTC
From: n6kzb
Topic: 290 Message: 290

My home station is a bit on the weak side. Antenna is a 35 foot vertical using an AH-4 coupler, surround by buildings, sigh...

But I will soon have the software installed and the Signalink working at the radio Club station of Baja, XE2BC (CREBC).

There I have access to an 80 foot tower with a 6 element tr-bander and some dipoles.

Once set up, will announce a freq and park on it. Perhaps can give Mexico out as a contact on this new mode.

Adios till then... and back to a weak "hope-for-gray-line-help" home station.

Mike n6kzb/xe2

291. Busy Detector holding off during a QSO

Yahoo group: V4Protocol
Date: 2010-12-08 13:48:04 UTC
From: John Hirth
Topic: 254 Message: 291

I ran into an interesting situation yesterday during a QSO.

The other station was well centered in the tuning passband and we were having a clean QSO. Then an Olivia station fired up with one of his end tones right against (but not inside) one of the waterfall +/- tuning lines. He was far enough away from our signals that it wouldn't have bothered many other modes. But in this case the busy detector wouldn't let me transmit for quite a while, until he eventually stopped sending. All this time my QSO partner was wondering what had happened to me. It was very awkward.

Is this a factor of how wide we have the +/- tuning set, or are there any other ways to control or manipulate the Busy Detector?

John W2KI

292. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-08 14:20:50 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 292

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.1.3.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4 Chat 0.1.3.0 Full Install (zip)

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.1.3.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

293. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-08 14:30:19 UTC
From: Rick Muething
Topic: 43 Message: 293

All,

This update fixes some problems, should increase tuning and decoding capability and updates help. Session and Keyboard windows can now be cleared (right click). Please read the help to clear up any questions on how the Keyboard and Session text boxes work and when data is sent.

I need to work on some other things over the next few days as well as set up for an additional round of ARQ testing on V4Chat.

You can and should uninstall your current version and use the full install 0.1.3.0 setup. Do NOT removed or delete your .ini files unless you want to start your setup clean. They should work fine with this version and windows uninstall will leave those .ini file intact.

73,

Rick Muething, KN6KB

Revision History notes:
V4 TNC Revision History
12/06/2010 0.1.2.0 Update dblCorAvg averaging functions in V4Protocol.ThreshDetect to improve sensitivity at low S/N
Modify UpdateWaterfall and BusyDetect to include selected tuning range

12/07/2010 0.1.3.0 Fix for PTT not releasing on two tone test.
Modification of leader length to 12 (no vox) or 16 (vox) symbols for improved decoding.
Statistical tests show approx 85% decode percentage at MPP -5dB S/N. 98.5% at 0dB.

V4 Chat Revision History
12/06/2010 0.1.2.0 Fixed text entry window to avoid exception. Cut/copy/paste still not yet functional.
Fix initialization of Radio class to set up control ports after startup. (Verified on TS480)

12/08/2010 0.1.3.0 Add ability to clear Session and Keyboard text boxes with right mouse click.
Add Logging "tag" to logged Session text to show functionality
Update Help

294. Re: [V4Protocol] Busy Detector holding off during a QSO

Yahoo group: V4Protocol
Date: 2010-12-08 14:44:17 UTC
From: Rick Muething
Topic: 254 Message: 294

John,
The busy detector looks at frequency bins using an FFT algorithm. The range of bins examined is a function (at least in the latest rev 0.1.3.0) of the desired tuning range. So the busy detector range is essentially the space between the green lines.

NOW remember two things:
1) The bins have integer numbers and are always rounded up (wider) so depending on the values could be up to about 11 Hz wider than the tuning range + the V4 signal bandwidth (e.g. ~400 Hz for a tuning range of +/- 100 HZ) but it could be as high as about 422 Hz depending on rounding.
2) The detector is sensitive and can respond to sidebands from adjacent signals if they are present and large enough. So the detector will respond to an adjacent signal especially if it is strong or has any splatter in its sidebands. Since the waterfall has a type of AGC for its display you cannot always see the reduced sidebands.

Making a brick wall filter for the busy detector is not practical...as it would use a large part of the CPU to implement a filter with the required number of taps (probably 150 to 200 taps)

The primary purpose of the busy detector is:
1) TO warn users there is a signal in or very near the passband of interest.
2) To hold off transmission in FEC or ARQ modes if the channel is occupied and there is still outbound data queued.

You can desense the busy detector using the squelch control as described in the help file. Setting it to high values (7-10) will make the detector less sensitive.

Rick Muething, KN6KB

295. Copied KA1GMN from Baja

Yahoo group: V4Protocol
Date: 2010-12-08 14:44:25 UTC
From: n6kzb
Topic: 295 Message: 295

This is what i decoded with latest version on 14073

KA1GMN: w4nn de rsq 599 599 gm

Not bad considering my noise floor is S-7 this morning.

296. Re: Copied KA1GMN from Baja

Yahoo group: V4Protocol
Date: 2010-12-08 14:57:04 UTC
From: ka1gmn
Topic: 295 Message: 296

Thanks for the report....philw de ka1gmn
>

297. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 14:57:42 UTC
From: Rick Muething
Topic: 167 Message: 297

Howard all,

Text (whether from the Keyboard text box or from a txt file) is never sent until a <CR> is seen. This allows you to “type ahead” while you are receiving. Once the <CR)> is sent the data goes into an outbound buffer and will be sent when the channel is clear and will send contiguous frames until the buffer is empty.

Rick KN6KB

From: W6IDS
Sent: Wednesday, December 08, 2010 8:01 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Hi Les,

In a couple of contacts and once by myself, I typed a BUNCH of lines and then hit ENTER. The whole thing was sent without stopping until the end was reached, maybe 10 or rwelve lines or so.
I just kept typing without hitting ENTER, letting word wrap happen.

I made up a user file which resembles a "Brag file" containing name, location, equipment, little history
and such, just to test what could be sent. The whole thing went out just fine, line by line, until the end
was reached at which point I had typed a "so BTU and we'll see how you're doing KKKK" at which
point I stopped transmitting.

I haven't seen any line restrictions per se.....unless you hit a ENTER while you're typing. That you
don't want to do I think, in so far as my thread here is concerned. Or so it seems.....

Howard W6IDS
Richmond, IN EM79NV.
----- Original Message -----
From: Les Keppie
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 08, 2010 2:58 AM
Subject: Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Hi Jean-Claude
I think this problem arises when you are already sending a line of text and you have typed another line of text and hit enter again while the last line is still sending - it has nothing to do with
copying and pasting since at the moment - at least for me - I cannot paste to the TX screen or copy from the

RX screen
It seems to me a better system would be to have a TRANSMIT button and a RECEIVE button or Toggle TX ON/OFF
system and the program just sent IDLE or fill characters until more text was sent to the buffer by hitting the Return key
or the RX or Toggle off was used - at the moment it sends whatever is in the one line buffer then goes back to RX
(I have not yet experimented on how long this one line can be - (does it have a specific character length for the line)
I think more testing is needed to find out exactly how this works - but I am sure it will evolve progressively as we go
along with the testing
Les VK2DSG

298. Re: Busy Detector holding off during a QSO

Yahoo group: V4Protocol
Date: 2010-12-08 15:09:57 UTC
From: ka1gmn
Topic: 254 Message: 298

Rick,

Thanks for the explanation of how the Busy Detector works.

I had a similar experience.

A Pactor station just outside the +100 indicator and this kept the Detector in the Busy state which made sense as probably the Pactor op and I where probably too close to each other.

Actually it is quite impressive how the Busy Detector works to avoid interference/collisions with other stations.

I think once one understands that there will be some amount of latency induced due to the how busy a given frequency is then it you either live with it or QSY to a less utilized frequency.

philw de ka1gmn

299. Re: Copied KA1GMN from Baja

Yahoo group: V4Protocol
Date: 2010-12-08 15:33:47 UTC
From: ka1gmn
Topic: 295 Message: 299

N6KZB/XE2: de n6kzb/xe2

n6kzb/xe2 de ka1gmn op phil phil qth euless,tx euless, tx kn

KA1GMN: n6kzb/xe2 de ka1gmn op phil phil qth euless,tx euless, tx kn

N6KZB/XE2: ok got u now be n6kzb/xe2 hola !!
de ka1gmn hola om! 100% on ur lst xmission kn

KA1GMN: de ka1gmn hola om! 100% on ur lst xmission kn

N6KZB/XE2: ka1gmn finnaly my first qso rsg is 59running 40 watts on to a 80 meter top hat vert w/ ic745..kn

300. Re: [V4Protocol] Busy Detector holding off during a QSO

Yahoo group: V4Protocol
Date: 2010-12-08 16:15:51 UTC
From: Chuck
Topic: 254 Message: 300

John; I had this same thing happen during a contact. A noise was drifting through the bandpass and I had to wait before I could transmit. I didn't think of it then, but next time I will try moving the Busy detector setting up to it's highest setting. Possible consequence of that? Don't know yet. A Busy detector over ride would be helpful same as Winmor.
73;
Chuck, WA7BRL

----- Original Message -----
From: "John Hirth" <w2ki@...>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 8, 2010 5:48:04 AM
Subject: [V4Protocol] Busy Detector holding off during a QSO

I ran into an interesting situation yesterday during a QSO.

The other station was well centered in the tuning passband and we were having a clean QSO. Then an Olivia station fired up with one of his end tones right against (but not inside) one of the waterfall +/- tuning lines. He was far enough away from our signals that it wouldn't have bothered many other modes. But in this case the busy detector wouldn't let me transmit for quite a while, until he eventually stopped sending. All this time my QSO partner was wondering what had happened to me. It was very awkward.

Is this a factor of how wide we have the +/- tuning set, or are there any other ways to control or manipulate the Busy Detector?

John W2KI

301. Listening where and what time

Yahoo group: V4Protocol
Date: 2010-12-08 16:50:08 UTC
From: stevekb6hoh
Topic: 301 Message: 301

Hey All,

Currently it is 1647z and I'm on 14.073. At 1700z will be calling CQ. Need to install new update as of today.

73 de Steve KB6HOH in Novato Calif
CM88RC San Francisco North Bay

302. Re: [V4Protocol] Listening where and what time

Yahoo group: V4Protocol
Date: 2010-12-08 17:10:23 UTC
From: Russell Blair
Topic: 301 Message: 302

The band is not doing very good for me Stave, got your call and thast about it
some station below 14073, lot of qrm

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457

_____
From: stevekb6hoh <kb6hoh@...>
To: V4Protocol@yahoogroups.com
Sent: Wed, December 8, 2010 10:50:08 AM
Subject: [V4Protocol] Listening where and what time

Hey All,

Currently it is 1647z and I'm on 14.073. At 1700z will be calling CQ. Need to
install new update as of today.

73 de Steve KB6HOH in Novato Calif
CM88RC San Francisco North Bay

303. Re: Listening where and what time

Yahoo group: V4Protocol
Date: 2010-12-08 17:19:42 UTC
From: stevekb6hoh
Topic: 301 Message: 303

GM Russ,

Well I goofed. I saw your callsign but in RED and then somehow
shutdown V4Chat. Argh! I keep seeing a signal just a hair off from the center of the Passband just not able to copy it. I have a S9 noise level right now and I also have FLdigi 3.20.32 running in the back ground a Loren W7BWI in Sun city AZ is below me on Olivia 8/250 but he not bothering me. Shall we try 14.077.0? Im on it right now and it is clear. BTU Russ.

--- In V4Protocol@yahoogroups.com, Russell Blair <russell_blair86@...> wrote:
>
> The band is not doing very good for me Stave, got your call and thast about it
> some station below 14073, lot of qrm
>
>
> Russell NC5O
> Â " IN GOD WE TRUST "
>
>
> Russell Blair (NC5O)
> Skype-Russell.Blair
> Hell Field #300
> DRCC #55
> 30m Dig-group #693
> Digital Mode Club #03198
> BARTG #8457
>
>
>
>
> _____
> From: stevekb6hoh <kb6hoh@...>
> To: V4Protocol@yahoogroups.com
> Sent: Wed, December 8, 2010 10:50:08 AM
> Subject: [V4Protocol] Listening where and what time
>
> Â
> Hey All,
>
> Currently it is 1647z and I'm on 14.073. At 1700z will be calling CQ. Need to
> install new update as of today.
>
>
> 73 de Steve KB6HOH in Novato Calif
> CM88RC San Francisco North Bay

>

304. Calling CQ on 14.073 @ 1725z

Yahoo group: V4Protocol
Date: 2010-12-08 17:25:53 UTC
From: stevekb6hoh
Topic: 304 Message: 304

[Body unavailable in the source archive]

305. Re: Calling CQ on 14.073 @ 1725z

Yahoo group: V4Protocol
Date: 2010-12-08 17:29:45 UTC
From: stevekb6hoh
Topic: 304 Message: 305

Sorry! I'm calling CQ on 14.077.0

306. 14073.5

Yahoo group: V4Protocol
Date: 2010-12-08 17:41:14 UTC
From: ve5mu_sk
Topic: 306 Message: 306

worked NC5O and KB0E on V$ this AM , first conatcs for me on this mode
at 17:40Z still lurking on 14073.5

John
VE5MU

307. Re: 14073.5

Yahoo group: V4Protocol
Date: 2010-12-08 17:54:34 UTC
From: stevekb6hoh
Topic: 306 Message: 307

Calling CQ on 14073.5 at 1753z de Steve KB6HOH in Calif.

--- In V4Protocol@yahoogroups.com, "ve5mu_sk" <jbradley@...> wrote:
>
> worked NC5O and KB0E on V$ this AM , first conatcs for me on this mode
> at 17:40Z still lurking on 14073.5
>
> John
> VE5MU
>

308. V4 Chat 0.1.3.0 Some findings during tests

Yahoo group: V4Protocol
Date: 2010-12-08 18:46:34 UTC
From: turi8712
Topic: 308 Message: 308

My equipment: XP/SP3, Flex 5000 A, PSDR 2.0.16 Beta, VAC 4.9, VSP Manager 1.0.1.017.
My settings in V4 are similar to RMS-Express
Full install did work ok.

Greetings to All!

my findings

Waterfall: when starting up, the waterfall is blue. You see ongoing activities. After the first "Send" the waterfall turns black and stays that way. I would prefer the waterfall returns to the blue version. I like to see ongoing activities.

Transmitting text: not always but quite often, the last few letters at the end of a message are not sent (text is marked with strokes)

User files: Chosing a file and "Send" places the text in the upper right window and starts sending immediately. Why? If the file would be placed at the lower right window, it could be treated like a manually typed text and edited if necessary. Sending then can be started with "Enter" (CR).
An even better alternative would be: leave "Send" as it is and introduce an additional "Move to Outbox" in the User File menue.

Macrobuttons: Why not introduce (later?) a number of editable macrobuttons similar to other digital programs: CQ, Name, QTH etc.
Macrobuttons are good help to get in contact and you do not have to retype the same text with every new contact. At the moment,I help myself using the feature "User Files".

Abort: after pushing that menue button, the sending stops, Power SDR stops, V4 Stops. You have to restart the whole lot. I think, only the sending of the actual text should be stopped?

V4 Sound card TNC: on startup the window does not place itself at the spot it has left before. The V4 Chat window does, which I prefer.

73, Arthur, HB9LAM

309. 40M Frequencies

Yahoo group: V4Protocol
Date: 2010-12-08 19:23:58 UTC
From: Jon Maguire
Topic: 309 Message: 309

I've seen 3 frequencies here on the list for 40M: 7070.5, 7073 and 7078.
What is the consensus as to the best one to use? Thank you for any input.

73... Jon W1MNK

310. Re: [V4Protocol] V4 Chat 0.1.3.0 Some findings during tests

Yahoo group: V4Protocol
Date: 2010-12-08 19:55:43 UTC
From: Rick Muething
Topic: 308 Message: 310

Arthur,

Thanks for your feedback...some questions however. I haven't tried it yet with my Flex 3000.

"Waterfall: when starting up, the waterfall is blue. You see ongoing activities. After the first "Send" the waterfall turns black and stays that way. I would prefer the waterfall returns to the blue version. I like to see ongoing activities."
The waterfall color is completely defined by the audio level going into the sound card (or VAC). If there is no audio the background will be black. there is some limited AGC to try and set the plotting colors to get the most available contrast. If your waterfall looks black it sounds like there is no audio being received (received level indicator???) In FEC mode the waterfall works full duplex (should never stop). In ARQ mode it stops during transmit. (ARQ by definition is half duplex)

"Transmitting will send everything that is in the outbound queue. If this doesn't look like it is working you NEED to enable detailed logging and look at the V4TNC log and compare it to what is showing in the V4Chat log.

"User files: Chosing a file and "Send" places the text in the upper right window and starts sending immediately. Why? If the file would be placed at the lower right window, it could be treated like a manually typed text and edited if necessary. Sending then can be started with "Enter" (CR).
An even better alternative would be: leave "Send" as it is and introduce an additional "Move to Outbox" in the User File menue. "

The problem here is one of consistency...if the text file contains <CR> they will trigger the dump to outbound buffer. It could be pasted into the Send window but then all <CR> would have to be at least temporarily purged or converted to LF etc. There are probably half a dozen ways to do this especially throwing in ideas like macro keys. BUT they have to be thought through with ALL the details and NITS (the devil is in the details applies in spades in software!). Right now I don't want to get involved into details discussions on exactly how file transmission, cut and past, back space over sent text, aborted text (still in the buffer) etc are handled. There will be time for those refinements but later. What is needed now is:
1) Bulletproof installation
2) Complete Help and documentation including specs, V4 TNC interface etc.
3) Handling/recovery from all user or program triggered exceptions
4) Optimization of decoding and tuning parameters to get the best copy possible give the propagation. This latest revision has already had about 10 revisions on this (long before Alpha release) and I expect will take several more to get close to optimal decoding.
5) Verification of the ARQ mode (definitely non trivial...I know from WINMOR!)

Remember that the V4Chat program is just ONE example of a client that uses the V4 protocol. The entire idea of a separate TNC function (V4 TNC) is to allow and encourage others to write clients that do the user interface. This lets those with good client

design/implementation experience but weak DSP skills leverage the protocol. This has worked well in WINMOR with now at least 4 programs using the WINMOR TNC.

73,

Rick KN6KB

From: turi8712
Sent: Wednesday, December 08, 2010 1:46 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Chat 0.1.3.0 Some findings during tests

My equipment: XP/SP3, Flex 5000 A, PSDR 2.0.16 Beta, VAC 4.9, VSP Manager 1.0.1.017.
My settings in V4 are similar to RMS-Express
Full install did work ok.

Greetings to All!

my findings

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Transmitting text: not always but quite often, the last few letters at the end of a message are not sent (text is marked with strokes)

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An even better alternative would be: leave "Send" as it is and introduce an additional "Move to Outbox" in the User File menue.

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Macrobuttons are good help to get in contact and you do not have to retype the same text with every new contact. At the moment,I help myself using the feature "User Files".

Abort: after pushing that menue button, the sending stops, Power SDR stops, V4 Stops. You have to restart the whole lot. I think, only the sending of the actual text should be stopped?

V4 Sound card TNC: on startup the window does not place itself at the spot it has left before. The V4 Chat window does, which I prefer.

73, Arthur, HB9LAM

311. low signal

Yahoo group: V4Protocol
Date: 2010-12-08 19:55:54 UTC
From: David
Topic: 311 Message: 311

A copy of my log QTH Dartmouth N.S. Canada FN84FQ.
little signal on S meter.
David VE1EDA

2010/12/08 19:01:11 {FEC Rcv} K6KAR: DE K6KAR
2010/12/08 19:01:15 {Rcv Txt Err} SK
2010/12/08 19:02:22 {FEC Rcv} WA7BRL: VE3VAI V
2010/12/08 19:02:26 {FEC Rcv} E3VAI DE WA7BRL
2010/12/08 19:02:29 {FEC Rcv} WA7BRL PSE K
2010/12/08 19:03:05 {FEC Rcv} K6KAR: WA7BRL DE
2010/12/08 19:03:26 {Rcv Txt Err} WA7BRL: K6KAR HD
2010/12/08 19:03:30 {Rcv Txt Err} LLO PSE K

2010/12/08 19:03:47 {FEC Rcv} IRK AND QTH IS N
2010/12/08 19:04:24 {FEC Rcv} A VERY GOOD SIG
2010/12/08 19:04:27 {FEC Rcv} NAL HERE 5/9+ BT
2010/12/08 19:04:31 {Rcv Txt Err} U
2010/12/08 19:05:19 {Rcv Txt Err} ON n<e@KEY BOARD
2010/12/08 19:05:23 {FEC Rcv} BUT YOUR DOING
2010/12/08 19:05:26 {FEC Rcv} GREAT HERE
2010/12/08 19:05:31 {FEC Rcv} WA7BRL: AND I'M
2010/12/08 19:05:35 {Rcv Txt Err} LOCATED IO LYNNW
2010/12/08 19:05:38 {FEC Rcv} OOD, WA.
2010/12/08 19:05:57 {Rcv Txt Err} H HEAD
2010/12/08 19:06:33 {FEC Rcv} ABOUT 25 MILES
2010/12/08 19:06:36 {FEC Rcv} NORTH KK
2010/12/08 19:07:07 {FEC Rcv} K6KAR: IN YOUR A
2010/12/08 19:08:39 {FEC Rcv} TO YAKIMA A FEW
2010/12/08 19:08:43 {FEC Rcv} TIMES.. TODAY IT
2010/12/08 19:08:50 {FEC Rcv} EZING THERE AT A

312. Re: [V4Protocol] low signal

Yahoo group: V4Protocol
Date: 2010-12-08 20:05:58 UTC
From: Rick Muething
Topic: 311 Message: 312

Thanks David,

I was getting about 85% successful frame copy on the HF Simulator on a Multipath poor channel at −5dBS/N (3000 Hz noise bw). This was computed averaged over 800 frames. This improved to 98.5% at MPP 0dB S/N. V4 should be very good in a poor multipath (e.g. NVIS) environment but probably not quite as good as 16 frequency Olivia or domino which is much wider for the same data rate. My goal is to make it as robust as posssible still keeping the typing speed above 50 WPM (after FEC) and the bandwidth at 200 Hz.

Rick KN6KB

From: David
Sent: Wednesday, December 08, 2010 2:55 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] low signal

A copy of my log QTH Dartmouth N.S. Canada FN84FQ.
little signal on S meter.
David VE1EDA

2010/12/08 19:01:11 {FEC Rcv} K6KAR: DE K6KAR
2010/12/08 19:01:15 {Rcv Txt Err} SK
2010/12/08 19:02:22 {FEC Rcv} WA7BRL: VE3VAI V
2010/12/08 19:02:26 {FEC Rcv} E3VAI DE WA7BRL
2010/12/08 19:02:29 {FEC Rcv} WA7BRL PSE K
2010/12/08 19:03:05 {FEC Rcv} K6KAR: WA7BRL DE
2010/12/08 19:03:26 {Rcv Txt Err} WA7BRL: K6KAR HD
2010/12/08 19:03:30 {Rcv Txt Err} LLO PSE K

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2010/12/08 19:04:24 {FEC Rcv} A VERY GOOD SIG
2010/12/08 19:04:27 {FEC Rcv} NAL HERE 5/9+ BT
2010/12/08 19:04:31 {Rcv Txt Err} U
2010/12/08 19:05:19 {Rcv Txt Err} ON n<e@KEY BOARD
2010/12/08 19:05:23 {FEC Rcv} BUT YOUR DOING
2010/12/08 19:05:26 {FEC Rcv} GREAT HERE
2010/12/08 19:05:31 {FEC Rcv} WA7BRL: AND I'M
2010/12/08 19:05:35 {Rcv Txt Err} LOCATED IO LYNNW
2010/12/08 19:05:38 {FEC Rcv} OOD, WA.
2010/12/08 19:05:57 {Rcv Txt Err} H HEAD
2010/12/08 19:06:33 {FEC Rcv} ABOUT 25 MILES
2010/12/08 19:06:36 {FEC Rcv} NORTH KK
2010/12/08 19:07:07 {FEC Rcv} K6KAR: IN YOUR A
2010/12/08 19:08:39 {FEC Rcv} TO YAKIMA A FEW
2010/12/08 19:08:43 {FEC Rcv} TIMES.. TODAY IT
2010/12/08 19:08:50 {FEC Rcv} EZING THERE AT A

313. G4ILO monitoring 3583

Yahoo group: V4Protocol
Date: 2010-12-08 20:06:59 UTC
From: g4ilo
Topic: 313 Message: 313

Julian, G4ILO

314. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 20:07:03 UTC
From: Les Keppie
Topic: 167 Message: 314

Hi Howard - All
Well that was the first qso with V4 so I did not understand how things worked - hi
plug and play so to speak - hi
Next time I am sure with your info in hand and other info learned during that first qso
with Jean-Claude it will be much better - biggest problem here is the lack of other users
I have just downloaded the latest version but no qsos yet
Les

PS just seen V4chat de ve7crt pop up on my monitor
signals are very weak and hardly any trace at all on my Flex3k waterfall

On 9/12/2010 12:01 AM, W6IDS wrote:
>
> Hi Les,
> In a couple of contacts and once by myself, I typed a BUNCH of lines
> and then hit ENTER.
> The whole thing was sent without stopping until the end was reached,
> maybe 10 or rwelve lines or so.
> I just kept typing without hitting ENTER, letting word wrap happen.
> I made up a user file which resembles a "Brag file" containing name,
> location, equipment, little history
> and such, just to test what could be sent. The whole thing went out
> just fine, line by line, until the end
> was reached at which point I had typed a "so BTU and we'll see how
> you're doing KKKK" at which
> point I stopped transmitting.
> I haven't seen any line restrictions per se.....unless you hit a
> ENTER while you're typing. That you
> don't want to do I think, in so far as my thread here is concerned.
> Or so it seems.....
> Howard W6IDS
> Richmond, IN EM79NV.
>
> ----- Original Message -----
> *From:* Les Keppie <mailto:leskep@...>
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Wednesday, December 08, 2010 2:58 AM
> *Subject:* Re: [V4Protocol] Re: Testing from FK8-New-Caledonia
>
> Hi Jean-Claude
> I think this problem arises when you are already sending a line of
> text and you have

> typed another line of text and hit enter again while the last line
> is still sending - it has nothing to do with
> copying and pasting since at the moment - at least for me - I
> cannot paste to the TX screen or copy from the
> RX screen
> It seems to me a better system would be to have a TRANSMIT button
> and a RECEIVE button or Toggle TX ON/OFF
> system and the program just sent IDLE or fill characters until
> more text was sent to the buffer by hitting the Return key
> or the RX or Toggle off was used - at the moment it sends whatever
> is in the one line buffer then goes back to RX
> (I have not yet experimented on how long this one line can be -
> (does it have a specific character length for the line)
> I think more testing is needed to find out exactly how this works
> - but I am sure it will evolve progressively as we go
> along with the testing
> Les VK2DSG
>
>
>

315. Re: [V4Protocol] V4 Chat 0.1.3.0 Some findings during tests

Yahoo group: V4Protocol
Date: 2010-12-08 20:07:35 UTC
From: n3wt@comcast.net
Topic: 308 Message: 315

Rick,

Just a little more feedback from another Flex 5000 user.

My waterfall is not turning black after "send", waterfall stays normal blue color and acts as expected.

PTT is also working properly.

Thank you for the very interesting new mode .

John , N3WT

----- Original Message -----
From: "Rick Muething" <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 8, 2010 2:55:43 PM
Subject: Re: [V4Protocol] V4 Chat 0.1.3.0 Some findings during tests

Arthur,

Thanks for your feedback...some questions however. I haven’t tried it yet with my Flex 3000.

”Waterfall: when starting up, the waterfall is blue. You see ongoing activities. After the first "Send" the waterfall turns black and stays that way. I would prefer the waterfall returns to the blue version. I like to see ongoing activities.”
The waterfall color is completely defined by the audio level going into the sound card (or VAC). If there is no audio the background will be black. there is some limited AGC to try and set the plotting colors to get the most available contrast. If your waterfall looks black it sounds like there is no audio being received (received level indicator???) In FEC mode the waterfall works full duplex (should never stop). In ARQ mode it stops during transmit. (ARQ by definition is half duplex)

“Transmitting will send everything that is in the outbound queue. If this doesn’t look like it is working you NEED to enable detailed logging and look at the V4TNC log and compare it to what is showing in the V4Chat log.

”User files: Chosing a file and "Send" places the text in the upper right window and starts sending immediately. Why? If the file would be placed at the lower right window, it could be treated like a manually typed text and edited if necessary. Sending then can be started with "Enter" (CR).
An even better alternative would be: leave "Send" as it is and introduce an additional "Move to Outbox" in the User File menue. “

The problem here is one of consistency...if the text file contains <CR> they will trigger the dump to outbound buffer. It could be pasted into the Send window but then all <CR> would have to be at least temporarily purged or converted to LF etc. There are probably

half a dozen ways to do this especially throwing in ideas like macro keys. BUT they have to be thought through with ALL the details and NITS (the devil is in the details applies in spades in software!). Right now I don't want to get involved into details discussions on exactly how file transmission, cut and past, back space over sent text, aborted text (still in the buffer) etc are handled. There will be time for those refinements but later. What is needed now is:

1) Bulletproof installation
2) Complete Help and documentation including specs, V4 TNC interface etc.
3) Handling/recovery from all user or program triggered exceptions
4) Optimization of decoding and tuning parameters to get the best copy possible give the propagation. This latest revision has already had about 10 revisions on this (long before Alpha release) and I expect will take several more to get close to optimal decoding.
5) Verification of the ARQ mode (definitely non trivial...I know from WINMOR!)

Remember that the V4Chat program is just ONE example of a client that uses the V4 protocol. The entire idea of a separate TNC function (V4 TNC) is to allow and encourage others to write clients that do the user interface. This lets those with good client design/implementation experience but weak DSP skills leverage the protocol. This has worked well in WINMOR with now at least 4 programs using the WINMOR TNC.

73,

Rick KN6KB

From: turi8712
Sent: Wednesday, December 08, 2010 1:46 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Chat 0.1.3.0 Some findings during tests

My equipment: XP/SP3, Flex 5000 A, PSDR 2.0.16 Beta, VAC 4.9, VSP Manager 1.0.1.017.
My settings in V4 are similar to RMS-Express
Full install did work ok.

Greetings to All!

my findings

Waterfall: when starting up, the waterfall is blue. You see ongoing activities. After the first "Send" the waterfall turns black and stays that way. I would prefer the waterfall returns to the blue version. I like to see ongoing activities.

Transmitting text: not always but quite often, the last few letters at the end of a message are not sent (text is marked with strokes)

User files: Chosing a file and "Send" places the text in the upper right window and starts sending immediately. Why? If the file would be placed at the lower right window, it could be treated like a manually typed text and edited if necessary. Sending then can be started with "Enter" (CR).
An even better alternative would be: leave "Send" as it is and introduce an additional "Move to Outbox" in the User File menue.

Macrobuttons: Why not introduce (later?) a number of editable macrobuttons similar to other digital programs: CQ, Name, QTH etc.
Macrobuttons are good help to get in contact and you do not have to retype the same text

with every new contact. At the moment,I help myself using the feature "User Files".

Abort: after pushing that menue button, the sending stops, Power SDR stops, V4 Stops. You have to restart the whole lot. I think, only the sending of the actual text should be stopped?

V4 Sound card TNC: on startup the window does not place itself at the spot it has left before. The V4 Chat window does, which I prefer.

73, Arthur, HB9LAM

316. Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 20:24:43 UTC
From: jcglt - FK8IH
Topic: 167 Message: 316

I had another look this morning to the V4Chat log and TNC log of our QSO yesterday with VK2DGS and found something quite amazing :
- my V4Chat log shows single records of the QSO, with some blanks but parts of QSO are never recorded twice ;
- the TNT log shows some elements of QSO and when they are those sent by VK2DGS they are allways recorded TWICE in my computer !
Below are copied-pasted a few lines of this log.
73 - FK8IH - Jean-Claude

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2010/12/08 03:14:04.89 [0.1.2.0] Frame Decode: Score=89; Accumulated Frame Adjust=60
2010/12/08 03:14:04.89 [0.1.2.0] Decoded Text (OK):COPY HERE ALSO <Cr>
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2010/12/08 03:14:22.94 [0.1.2.0] Decoded Text (OK):VK2DSG: YES IT S
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317. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 20:38:21 UTC
From: Rick Muething
Topic: 167 Message: 317

I don’t know what the TNT logs is...you mean V4 TNC.log? or V4 TNC Debug.log? The V4 TNC debug log should be used only for debugging it has lots of additional data that most won’t understand or be able to fully interpret. The true log is V4Chat which now (in version 0..1.3.0) will show the type of text in the log making it easier to read and decipher what is sent/received/FEC/ARQ/Alarms etc.

Rick KN 6KB

From: jcglt - FK8IH
Sent: Wednesday, December 08, 2010 3:24 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Testing from FK8-New-Caledonia

I had another look this morning to the V4Chat log and TNC log of our QSO yesterday with VK2DGS and found something quite amazing :
- my V4Chat log shows single records of the QSO, with some blanks but parts of QSO are never recorded twice ;
- the TNT log shows some elements of QSO and when they are those sent by VK2DGS they are allways recorded TWICE in my computer !
Below are copied-pasted a few lines of this log.
73 - FK8IH - Jean-Claude

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.....................
```

318. Test issue V4 patch 0.1.4.0

Yahoo group: V4Protocol
Date: 2010-12-08 20:43:34 UTC
From: kd2kw
Topic: 318 Message: 318

Was workgin around with menu and found that once I aborted the transmission then it will not transmit again. TNC looks like it tries but when it terminates it the abort message is the only thing posted. Below is the reference I found in the logs for you, Rick.

73,
Ken
KD2KW

2010/12/08 20:33:05 {Sent} cq cq de kd2kw kd2kw cq cq de kd2kw kd2kw k k
2010/12/08 20:33:08 {FEC Rcv} KD2KW: cq cq de
2010/12/08 20:33:14 {Alert} *** Manual Abort Request
2010/12/08 20:33:15 {Alert} ***FEC Aborted... Outbound buffer purged.
2010/12/08 20:33:15 {FEC Rcv} q de kd2kw kd2kw
2010/12/08 20:33:15 {Alert} *** Manual Abort Request
2010/12/08 20:33:58 {Alert} ***FEC Aborted... Outbound buffer purged.
2010/12/08 20:34:26 {Alert} ***FEC Aborted... Outbound buffer purged.
2010/12/08 20:34:41 {Alert} ***FEC Aborted... Outbound buffer purged.
2010/12/08 20:35:33 {Rcv Txt Err}
'Q 1"^Xn
2010/12/08 20:36:12 {Alert} ***FEC Aborted... Outbound buffer purged.

2010/12/08 20:37:06 *** Startup of V4Chat Ver 0.1.3.0 ***

2010/12/08 20:37:06 *** Startup of V4Chat Ver 0.1.3.0 ***
2010/12/08 20:37:13 {Info} *** V4 TNC TCP OK on port 8510
2010/12/08 20:39:24 {Info} *** V4 TNC TCP OK on port 8510

319. Re: [V4Protocol] Test issue V4 patch 0.1.4.0

Yahoo group: V4Protocol
Date: 2010-12-08 20:59:57 UTC
From: Rick Muething
Topic: 318 Message: 319

Thanks Ken,

Looks like the abort flag isn't getting cleared upon a successful abort. I'll get it on the next rev.

One important note to all. When you are sending debug information ALWAYS include the exact and specific rev numbers (both V4TNC and V4Chat ...they won't always be the same) E.g. Kens note about V4Patch 0.1.4.0 ....there is no rev 0.1.4.0 yet!

Close doesn't count in program...it is details details details!

Rick KN6KB
\

From: kd2kw
Sent: Wednesday, December 08, 2010 3:43 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Test issue V4 patch 0.1.4.0

Was workgin around with menu and found that once I aborted the transmission then it will not transmit again. TNC looks like it tries but when it terminates it the abort message is the only thing posted. Below is the reference I found in the logs for you, Rick.

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2010/12/08 20:34:41 {Alert} ***FEC Aborted... Outbound buffer purged.
2010/12/08 20:35:33 {Rcv Txt Err}
'Q 1"^Xn
2010/12/08 20:36:12 {Alert} ***FEC Aborted... Outbound buffer purged.

2010/12/08 20:37:06 *** Startup of V4Chat Ver 0.1.3.0 ***

2010/12/08 20:37:06 *** Startup of V4Chat Ver 0.1.3.0 ***
2010/12/08 20:37:13 {Info} *** V4 TNC TCP OK on port 8510
2010/12/08 20:39:24 {Info} *** V4 TNC TCP OK on port 8510

320. Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-08 21:06:14 UTC
From: jcglt - FK8IH
Topic: 167 Message: 320

Rick, the part of log copied in my last post is part of V4 TNC Debug log, I checked it again : VK2DGS words are recorded TWICE as shown in the part of log copied. I checked again also the V4Chat log for the same parts of QSO, which are recorded only ONCE there. If you need them I can separately send you copies of these two logs.
73 - FK8IH - Jean-Claude

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> I donâ□□t know what the TNT logs is...you mean V4 TNC.log? or V4 TNC Debug.log? The V4 TNC debug log should be used only for debugging it has lots of additional data that most wonâ□□t understand or be able to fully interpret. The true log is V4Chat which now (in version 0..1.3.0) will show the type of text in the log making it easier to read and decipher what is sent/received/FEC/ARQ/Alarms etc.
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> Rick KN 6KB
>
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> From: jcglt - FK8IH
> Sent: Wednesday, December 08, 2010 3:24 PM
> To: V4Protocol@yahoogroups.com
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> I had another look this morning to the V4Chat log and TNC log of our QSO yesterday with VK2DGS and found something quite amazing :
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> 2010/12/08 03:14:14.27 [0.1.2.0] New Capture State: WaitLeader
> 2010/12/08 03:14:14.73 [0.1.2.0] New Capture State: FrameSync
> 2010/12/08 03:14:14.95 [0.1.2.0] New Capture State: Receiving
> 2010/12/08 03:14:17.64 [0.1.2.0] Frame Decode: Score=86; Accumulated Frame Adjust=160
> 2010/12/08 03:14:17.64 [0.1.2.0] Decoded Text (CRC Fail):NOTHER LINE <Cr>
> 2010/12/08 03:14:17.64 [0.1.2.0] [V4Port.SendData]: NOTHER LINE
> □
> 2010/12/08 03:14:17.66 [0.1.2.0] New Capture State: WaitLeader
> 2010/12/08 03:14:20.09 [0.1.2.0] New Capture State: FrameSync
> 2010/12/08 03:14:20.25 [0.1.2.0] New Capture State: Receiving
> 2010/12/08 03:14:22.92 [0.1.2.0] Frame Decode: Score=95; Accumulated Frame Adjust=16
> 2010/12/08 03:14:22.94 [0.1.2.0] Decoded Text (OK):VK2DSG: YES IT S
> 2010/12/08 03:14:22.94 [0.1.2.0] [V4Port.SendData]: VK2DSG: YES IT S
> 2010/12/08 03:14:22.94 [0.1.2.0] New Capture State: WaitLeader
> 2010/12/08 03:14:23.45 [0.1.2.0] New Capture State: FrameSync
> 2010/12/08 03:14:23.63 [0.1.2.0] New Capture State: Receiving
> 2010/12/08 03:14:26.31 [0.1.2.0] Frame Decode: Score=85; Accumulated Frame Adjust=32
> 2010/12/08 03:14:26.31 [0.1.2.0] Decoded Text (OK):EEMS I CAN BTU D
> 2010/12/08 03:14:26.31 [0.1.2.0] [V4Port.SendData]: EEMS I CAN BTU D
> .....
>

321. Re: Busy Detector holding off during a QSO

Yahoo group: V4Protocol
Date: 2010-12-08 21:38:10 UTC
From: hornet509
Topic: 254 Message: 321

John,
I had similar observations of some QSOs on 7303 yesterday. I just used passband tuning on my rig (IC7000) to narrow the passband to 400 hz. I literally watched the noise on both sides of the green lines in the Sound Card TNC Window and adjusted top and bottom cutoffs until the offending signals were eliminated. At 400 hz still showed some noise on both sides and my QSO was not effected. Mine adjacent signals were however not right up against the green line on either side.
73,
Ken
WB9REQ

--- In V4Protocol@yahoogroups.com, John Hirth <w2ki@...> wrote:
>
> I ran into an interesting situation yesterday during a QSO.
>
> The other station was well centered in the tuning passband and we were
> having a clean QSO. Then an Olivia station fired up with one of his end
> tones right against (but not inside) one of the waterfall +/- tuning
> lines. He was far enough away from our signals that it wouldn't have
> bothered many other modes. But in this case the busy detector wouldn't
> let me transmit for quite a while, until he eventually stopped sending.
> All this time my QSO partner was wondering what had happened to me. It
> was very awkward.
>
> Is this a factor of how wide we have the +/- tuning set, or are there
> any other ways to control or manipulate the Busy Detector?
>
> John W2KI
>

322. latest version?

Yahoo group: V4Protocol
Date: 2010-12-08 21:44:55 UTC
From: willard_dave
Topic: 322 Message: 322

Where will I find the latest version of V4? Rick says 0.1.3.0 is latest. Can't find here.

de DoC, W1EO

323. latest version?

Yahoo group: V4Protocol
Date: 2010-12-08 21:46:40 UTC
From: willard_dave
Topic: 322 Message: 323

I found it just now. Abort my previous message.

de DoC W1EO

324. Logging the frequence

Yahoo group: V4Protocol
Date: 2010-12-08 22:11:51 UTC
From: Berndt
Topic: 167 Message: 324

Rick!

Is it possible to insert a line in the V4Chat.log which shows time and
frequence then the frequence changes?
I have had 2 QSO with version 0.1.2.0 but only EU no NA yet.

Berndt sm4xfp

325. Linux Ubuntu - V4 Chat testing

Yahoo group: V4Protocol
Date: 2010-12-08 22:21:48 UTC
From: jcglt - FK8IH
Topic: 325 Message: 325

Conditions here : FT897D plus SignaLink USB plus laptop using Windows XP or Linux Ubuntu 10.04-1LTS Lucid Lynx.

Last year I tried to work RMS Express on this Linux Ubuntu system using a Virtual box, namely "Oracle VM VirtualBox". Rick explained it could not work for Vox delay reasons and he was right : RMS Express works well in the Virtual Box in "telnet" mode but does not work on "radio" modes.
As things seem to be totally different with V4 as this is a "simplex" communication mode and there are no strict delay conditions it should work well on my Linux system using the VirtualBox.

I checked this morning the settings in the VirtualBox, everything seems OK with the new V4 Chat 0.1.3.0 and I will be ready today at 03:15 Universal Time on same frequency as yesterday 14,110.5 dialed freq.
VK2DGS can you make this test with me this afternoon ?

326. Re: [V4Protocol] G4ILO monitoring 3583

Yahoo group: V4Protocol
Date: 2010-12-08 22:24:11 UTC
From: Steinar Aanesland
Topic: 313 Message: 326

Calling cq on 3583 now , 25W

la5vna Steinar

On 08.12.2010 21:06, g4ilo wrote:
> Julian, G4ILO
>
>

327. Re: G4ILO monitoring 3583

Yahoo group: V4Protocol
Date: 2010-12-08 22:44:38 UTC
From: g4ilo
Topic: 313 Message: 327

Thanks for a nice first V4 QSO. No QRM this side, your copy was 100% with a 589 signal on the K3 S meter. Also running 25W to a very poor antenna (shortened dipole, bent to fit into a small attic) so I think this was quite a good test of the new mode.

I'm also copying SM4XFP calling you.

Julian, G4ILO

--- In V4Protocol@yahoogroups.com, Steinar Aanesland <saanes@...> wrote:
>
> Calling cq on 3583 now , 25W
>
> la5vna Steinar
>
>
>
> On 08.12.2010 21:06, g4ilo wrote:
> > Julian, G4ILO
> >
> >
>

328. Re: [V4Protocol] Re: G4ILO monitoring 3583

Yahoo group: V4Protocol
Date: 2010-12-08 22:53:30 UTC
From: Steinar Aanesland
Topic: 313 Message: 328

Great Julian.

There was a strong fax station on the freq here. I lost some of your signals. Too bad.

la5vna Steinar

On 08.12.2010 23:44, g4ilo wrote:
>
> Thanks for a nice first V4 QSO. No QRM this side, your copy was 100% with a 589 signal on the K3 S meter. Also running 25W to a very poor antenna (shortened dipole, bent to fit into a small attic) so I think this was quite a good test of the new mode.
>
> I'm also copying SM4XFP calling you.
>
> Julian, G4ILO
>
> --- In V4Protocol@yahoogroups.com, Steinar Aanesland <saanes@...> wrote:
>>
>> Calling cq on 3583 now , 25W
>>
>> la5vna Steinar
>>
>>
>>
>> On 08.12.2010 21:06, g4ilo wrote:
>>> Julian, G4ILO
>>>
>>>
>>
>
>
>

329. Re: G4ILO monitoring 3583

Yahoo group: V4Protocol
Date: 2010-12-08 22:56:12 UTC
From: g4ilo
Topic: 313 Message: 329

I got a couple of bursts of CQ DX which were struck out in between your conversation with SM4XFP. May have been WD4KPD. Would be nice to try for a transatlantic but I have to go QRT very soon.

Julian, G4ILO

--- In V4Protocol@yahoogroups.com, Steinar Aanesland <saanes@...> wrote:
>
>
> Great Julian.
>
> There was a strong fax station on the freq here. I lost some of your
> signals. Too bad.
>
> la5vna Steinar
>
>
> On 08.12.2010 23:44, g4ilo wrote:
> >
> > Thanks for a nice first V4 QSO. No QRM this side, your copy was 100%
> with a 589 signal on the K3 S meter. Also running 25W to a very poor
> antenna (shortened dipole, bent to fit into a small attic) so I think
> this was quite a good test of the new mode.
> >
> > I'm also copying SM4XFP calling you.
> >
> > Julian, G4ILO
> >
> > --- In V4Protocol@yahoogroups.com, Steinar Aanesland <saanes@> wrote:
> >>
> >> Calling cq on 3583 now , 25W
> >>
> >> la5vna Steinar
> >>
> >>
> >>
> >> On 08.12.2010 21:06, g4ilo wrote:
> >>> Julian, G4ILO
> >>>
> >>>
> >>
> >>
> >
> >
> >
>

330. KC2DMC 3583 USB LOG FM 2315 ZULU

Yahoo group: V4Protocol
Date: 2010-12-08 23:32:34 UTC
From: aat2ag
Topic: 330 Message: 330

JUST SOME LOGGING FROM 3583 USB
SIGNED DAVID KC2DMC NY

AC4M: ok
AC4M: you mi
AC4M: might want to try that one again , CW QRM
RGR I HEAR IT AND USE THE
FILTERS AND THE NOCH FILTER TOO
WITH IS SHARP K
HO COPY NOW
AC4M: kc2dmc de ac4m , is there a way to stay key up while txing? de ac4m btu
DE KC2DM I DO NOT KNOW YET
MY FIRST GOING WITH
THIS MODE AND I OR WE WILL
GET BETTER AS THIS PROGRESSES K
e way the chat is built it seem s a little forgien kind of hard to make a good turn around
in convo it seems..btu de ac4m
VE1YZ
AC4M: hello ve1yz de ac4m
you copy the ve station?
DE KC2DMC RGR
I DID COPY THE VE1YZ STATION WELL HERE K
w the name is craig here

think of this as a chat room hi hi
there?
DE KC2DMC RGR CRAIG I ALSO HAVE THIS ON THE WEB LOG AT
http://aat2ag.dyndns.org:8080/
YOU CAN SEE THE TEXT OR THE
TNC WINDOW K
AC4M: hmmm i am only getting part of your message
ryone who can hear me
AC4M: i can hear you
I DID COPY THE VE1YZ STATION WELL HERE K
DE KC2DMC RGR CRAIG I ALSO HAVE THIS ON THE WEB LOG AT
http://aat2ag.dyndns.org:8080/
YOU CAN SEE THE TEXT OR THE
TNC WINDOW K
AC4M: ok so you are broadcasting internet?
AC4M: hello n9ol
DE KC2DMC RGR YES, I HAER SOME OF OTHER STATIONS
BUT WEAK AT TIMES
I HEAR YOU THE BEST NOW K
wonder if we are clashing with weaker stations?
DE KC2DMC NOT NOW I DON"T HERE THEM ANYMORE

THE BAND IF SHIFTING HOW DO YOU COPY ME NOW K
y name is craig
STILL THERE CRAIG K
AC4M: yes still here, just listening for a respm. name here isAC4M: you must type out the whole idea before hitting enter i see
AC4M: hello tes de ac4m craig in tn
AC4M: ted i meant hi hi
N9LOH: i see kc2ve
DE KC2DMC IMI KC2DMC NAME IS DAVID IN STONE RIDGE NY K
BAND IS DROPPING OUT
AC4M: What would be neat is a listing of all stahen checking in , hello kc3ol i copy you well
N9LOH: i notice it puts our call on the start of each line nice
is Lake Quivira,AC4M: Maybe the author would think to make this software a little more automated on callsigns itm in n.e. tn with 50 watts
KC3OL: 40 watts doing nicely herKC3OL: 50 watts

331. 2-tone test request

Yahoo group: V4Protocol
Date: 2010-12-08 23:38:54 UTC
From: Jack Swift - Swift Hardware
Topic: 331 Message: 331

i want (need) to be able to turn on the 2-tone test and *while it is running* adjust the drive level in the setup window and then turn off the 2-tone test (manually) when i've finished.

right now, i have to:
set the drive level
close the program
open the program
do the 2-tone test
re-set the drive level
close the program
open the program
do the 2-tone test
re-set the drive level
close the program
open the program
do the 2-tone test
re-set the drive level
close the program
open the program
do the 2-tone test
and maybe run the 2-tone test a couple of times to make sure my eyes are working right...

but still when i run the program normally, the radio shows a different power level than i saw during the 2-tone test - and probably a different alc value.

this same thing happened in winmor and i finally gave up and assumed that my radio (756pro3) showed alc when there wasn't any so i ran at 'full drive'..

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD EN57
^^^^^^^^^^^^^^^^^^^^^^^^

332. Receive Window Text

Yahoo group: V4Protocol
Date: 2010-12-08 23:42:01 UTC
From: Joel Black
Topic: 332 Message: 332

I have noticed that if the V4 Chat Window is not active, the receive window text does not scroll. Not sure if this is by design or if I am missing something else somewhere.

I am using V4 Chat 0.1.3.0.

Thanks,
Joel / W4JBB

--
Joel

"Common sense is like deodorant...
Those who need it most don't use it."
--Unknown

333. V4 Frequencies

Yahoo group: V4Protocol
Date: 2010-12-08 23:55:23 UTC
From: ve5mu_sk
Topic: 333 Message: 333

Just worked Darrel, VE7CUS on 7073.5 with a good clear freq both ends.
any suggestion for an 80 M freq, will go play there later

john
VE5MU

334. Re: [V4Protocol] Receive Window Text

Yahoo group: V4Protocol
Date: 2010-12-09 00:04:08 UTC
From: Joel Black
Topic: 332 Message: 334

Disregard. I have discovered that once I make V4 Chat the active
window, it goes to the end of the text buffer and starts scrolling
normally again. Sorry for the bandwidth before. I should have checked
that first.

73,
Joel / W4JBB

On 12/8/2010 5:42 PM, Joel Black wrote:
> I have noticed that if the V4 Chat Window is not active, the receive
> window text does not scroll. Not sure if this is by design or if I am
> missing something else somewhere.
>
> I am using V4 Chat 0.1.3.0.
>
> Thanks,
> Joel / W4JBB
>
>

--
Joel

"Common sense is like deodorant...
Those who need it most don't use it."
--Unknown

335. Re: [V4Protocol] Linux Ubuntu - V4 Chat testing

Yahoo group: V4Protocol
Date: 2010-12-09 00:31:05 UTC
From: Les Keppie
Topic: 325 Message: 335

Hi Jean-Claude
Yes I can be on freq at 0315 utc
See you then
Regards
Les VK2DSG

On 9/12/2010 9:21 AM, jcglt - FK8IH wrote:
>
> Conditions here : FT897D plus SignaLink USB plus laptop using Windows
> XP or Linux Ubuntu 10.04-1LTS Lucid Lynx.
>
> Last year I tried to work RMS Express on this Linux Ubuntu system
> using a Virtual box, namely "Oracle VM VirtualBox". Rick explained it
> could not work for Vox delay reasons and he was right : RMS Express
> works well in the Virtual Box in "telnet" mode but does not work on
> "radio" modes.
> As things seem to be totally different with V4 as this is a "simplex"
> communication mode and there are no strict delay conditions it should
> work well on my Linux system using the VirtualBox.
>
> I checked this morning the settings in the VirtualBox, everything
> seems OK with the new V4 Chat 0.1.3.0 and I will be ready today at
> 03:15 Universal Time on same frequency as yesterday 14,110.5 dialed freq.
> VK2DGS can you make this test with me this afternoon ?
>
>

336. Overkill, but....

Yahoo group: V4Protocol
Date: 2010-12-09 00:41:39 UTC
From: Andy obrien
Topic: 336 Message: 336

FYI
http://www.obriensweb.com/v4andwinmor.jpg

A screen shot of Winmor and V4 ran simultaneously , one radio, one PC,
4 comm ports.

Andy K3UK

337. Re: [V4Protocol] 2-tone test request

Yahoo group: V4Protocol
Date: 2010-12-09 00:56:23 UTC
From: Chuck
Topic: 331 Message: 337

Jack; As I have learned, one needs to put a Watt Meter in the coax line that reads AVERAGE power and ignore the power level (Po) shown on the radio. Set the radio to ALC and adjust your radio power to 50-60 Watts on the external Watt meter while checking the ALC has not moved up..say more than 2 bars.

If your in FEC mode you should not have to close and open the program to do repeated two tone tests and it should also turn itself off.. Another possibility is you have some RF problems in the computer.
73; Chuck, WA7BRL

----- Original Message -----
From: "Jack Swift - Swift Hardware" <jswift@...>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 8, 2010 3:38:54 PM
Subject: [V4Protocol] 2-tone test request

i want (need) to be able to turn on the 2-tone test and *while it is
running* adjust the drive level in the setup window and then turn off
the 2-tone test (manually) when i've finished.

right now, i have to:
set the drive level
close the program
open the program
do the 2-tone test
re-set the drive level
close the program
open the program
do the 2-tone test
re-set the drive level
close the program
open the program
do the 2-tone test
re-set the drive level
close the program
open the program
do the 2-tone test
and maybe run the 2-tone test a couple of times to make sure my eyes
are working right...

but still when i run the program normally, the radio shows a different
power level than i saw during the 2-tone test - and probably a
different alc value.

this same thing happened in winmor and i finally gave up and assumed
that my radio (756pro3) showed alc when there wasn't any so i ran at

'full drive'..

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD EN57
^^^^^^^^^^^^^^^^^^^^^^^

338. Issue with 0.1.3.0 Exception error

Yahoo group: V4Protocol
Date: 2010-12-09 00:57:04 UTC
From: Andy obrien
Topic: 338 Message: 338

Issue with 0.1.3.0 Exception error when doing a right-click on the sent/received screen and clearing text. THEN when you type text and hit enter, you get the exception error. Well, I did , so did several others but it does not happen EVERY time

Andy K3UK
Windows XP

339. RE: [V4Protocol] Overkill, but....

Yahoo group: V4Protocol
Date: 2010-12-09 01:01:15 UTC
From: Charles Blackburn
Topic: 336 Message: 339

Haha im there foever in yahoo group posterity lol shame I cant do the same here....

Charlie
Ai4ri

340. Re: [V4Protocol] 2-tone test request

Yahoo group: V4Protocol
Date: 2010-12-09 01:08:03 UTC
From: Jack Swift - Swift Hardware
Topic: 331 Message: 340

ok, that must mean that the statement "Close V4Chat and restart to use
any updated values in V4Chat setup" is just a bug remaining from a
previous version...

i may have indeed a lot of rf problems, but nevertheless i am able "to
do repeated two tone tests and it should also turn itself off". i was
asking for the ability to over-ride the automatic and keep the tone
on until *_I_* want it off...

On Wed, Dec 8, 2010 at 7:56 PM, Chuck <wa7brl@frontier.com> wrote:
> Jack; As I have learned, one needs to put a Watt Meter in the coax line that reads AVERAGE power and ignore the power level (Po) shown on the radio. Set the radio to ALC and adjust your radio power to 50-60 Watts on the external Watt meter while checking the ALC has not moved up..say more than 2 bars.
>
> If your in FEC mode you should not have to close and open the program to do repeated two tone tests and it should also turn itself off.. Another possibility is you have some RF problems in the computer.
> 73; Chuck, WA7BRL
>
>
>
> ----- Original Message -----
> From: "Jack Swift - Swift Hardware" <jswift@...>
> To: V4Protocol@...m
> Sent: Wednesday, December 8, 2010 3:38:54 PM
> Subject: [V4Protocol] 2-tone test request
>
>
>
>
>
>
>
> i want (need) to be able to turn on the 2-tone test and *while it is
> running* adjust the drive level in the setup window and then turn off
> the 2-tone test (manually) when i've finished.
>
> right now, i have to:
> set the drive level
> close the program
> open the program
> do the 2-tone test
> re-set the drive level
> close the program
> open the program

> do the 2-tone test
> re-set the drive level
> close the program
> open the program
> do the 2-tone test
> re-set the drive level
> close the program
> open the program
> do the 2-tone test
> and maybe run the 2-tone test a couple of times to make sure my eyes
> are working right...
>
> but still when i run the program normally, the radio shows a different
> power level than i saw during the 2-tone test - and probably a
> different alc value.
>
> this same thing happened in winmor and i finally gave up and assumed
> that my radio (756pro3) showed alc when there wasn't any so i ran at
> 'full drive'..
>
> --
>
> vvvvvvvvvvvvvvvvvvvvvvv
> Jack Swift
> I.E. Swift Co.
> 402 Shelden Ave.
> Houghton, MI 49931
> 906-482-0530, 281-5300
> Radio: N8WAV AAR5LD EN57
> ^^^^^^^^^^^^^^^^^^^^^^^
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD EN57rc

^^^^^^^^^^^^^^^^^^^^^^^^

341. Re: [V4Protocol] Logging the frequence

Yahoo group: V4Protocol
Date: 2010-12-09 01:10:28 UTC
From: Rick Muething
Topic: 167 Message: 341

Berndt,

Fairly easy to do assuming you are using the mini log to change/set the frequency. If you are using another mechanism I can't do much. I'll put it on the list. It would log as "info" to the session screen (e.g. *** Freq 12345.6 @ 21:22:03UTC) which would also log it to the V4Chat<date>.log for permanent storage.

Rick KN6KB

From: Berndt
Sent: Wednesday, December 08, 2010 5:11 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Logging the frequence

Rick!

Is it possible to insert a line in the V4Chat.log which shows time and frequence then the frequence changes?
I have had 2 QSO with version 0.1.2.0 but only EU no NA yet.

Berndt sm4xfp

342. Re: [V4Protocol] 2-tone test request

Yahoo group: V4Protocol
Date: 2010-12-09 01:29:07 UTC
From: Chuck
Topic: 331 Message: 342

Jack; I under stood that statement to "Close V4 Chat Setup" was only when you changed a parameter in the V4 Setup. I don't think it is a bug since it still is set up that way in the latest Rev I believe. But once that setup is complete, invoking the Two Tone test really shouldn't require any more rebooting of V4. OK, I see what your looking for with the over ride. I am using an IC-7200 and have found that the short Two Tone tests are best since my radio needed to be in receive before I could change the USB audio level in the radio's menue..

Good Luck.

73;
Chuck, BRL

----- Original Message -----
From: "Jack Swift - Swift Hardware" <jswift@...>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 8, 2010 5:08:03 PM
Subject: Re: [V4Protocol] 2-tone test request

ok, that must mean that the statement "Close V4Chat and restart to use any updated values in V4Chat setup" is just a bug remaining from a previous version...

i may have indeed a lot of rf problems, but nevertheless i am able "to do repeated two tone tests and it should also turn itself off". i was asking for the ability to over-ride the automatic and keep the tone *on* until *_I_* want it off...

snipped.....

343. Re: [V4Protocol] V4 Chat 0.1.3.0 Some findings during tests

Yahoo group: V4Protocol
Date: 2010-12-08 20:13:06 UTC
From: Les Keppie
Topic: 308 Message: 343

Rick
Also no problem here with the Flex3k waterfall - all working well
Les VK2DSG

On 9/12/2010 7:07 AM, n3wt@... wrote:
>
> Rick,
>
> Just a little more feedback from another Flex 5000 user.
>
> My waterfall is not turning black after "send", waterfall stays
> normal blue color and acts as expected.
>
> PTT is also working properly.
>
> Thank you for the very interesting new mode .
>
> John , N3WT
>
> ----- Original Message -----
> From: "Rick Muething" <rmuething@...>
> To: V4Protocol@yahoogroups.com
> Sent: Wednesday, December 8, 2010 2:55:43 PM
> Subject: Re: [V4Protocol] V4 Chat 0.1.3.0 Some findings during tests
>
> Arthur,
> Thanks for your feedback...some questions however. I haven't tried it
> yet with my Flex 3000.
> "Waterfall: when starting up, the waterfall is blue. You see ongoing
> activities. After the first "Send" the waterfall turns black and stays
> that way. I would prefer the waterfall returns to the blue version. I
> like to see ongoing activities."
> The waterfall color is completely defined by the audio level going
> into the sound card (or VAC). If there is no audio the background will
> be black. there is some limited AGC to try and set the plotting colors
> to get the most available contrast. If your waterfall looks black it
> sounds like there is no audio being received (received level
> indicator???) In FEC mode the waterfall works full duplex (should
> never stop). In ARQ mode it stops during transmit. (ARQ by definition
> is half duplex)
> "Transmitting will send everything that is in the outbound queue. If
> this doesn't look like it is working you NEED to enable detailed
> logging and look at the V4TNC log and compare it to what is showing in
> the V4Chat log.
> "User files: Chosing a file and "Send" places the text in the upper

> right window and starts sending immediately. Why? If the file would be
> placed at the lower right window, it could be treated like a manually
> typed text and edited if necessary. Sending then can be started with
> "Enter" (CR).
> An even better alternative would be: leave "Send" as it is and
> introduce an additional "Move to Outbox" in the User File menue. “
> The problem here is one of consistency...if the text file contains
> <CR> they will trigger the dump to outbound buffer. It could be
> pasted into the Send window but then all <CR> would have to be at
> least temporarily purged or converted to LF etc. There are probably
> half a dozen ways to do this especially throwing in ideas like macro
> keys. BUT they have to be thought through with ALL the details and
> NITS (the devil is in the details applies in spades in software!).
> Right now I don’t want to get involved into details discussions on
> exactly how file transmission, cut and past, back space over sent
> text, aborted text (still in the buffer) etc are handled. There will
> be time for those refinements but later. What is needed now is:
> 1) Bulletproof installation
> 2) Complete Help and documentation including specs, V4 TNC
> interface etc.
> 3) Handling/recovery from all user or program triggered exceptions
> 4) Optimization of decoding and tuning parameters to get the best
> copy possible give the propagation. This latest revision has already
> had about 10 revisions on this (long before Alpha release) and I
> expect will take several more to get close to optimal decoding.
> 5) Verification of the ARQ mode (definitely non trivial...I know
> from WINMOR!)
> Remember that the V4Chat program is just ONE example of a client that
> uses the V4 protocol. The entire idea of a separate TNC function (V4
> TNC) is to allow and encourage others to write clients that do the
> user interface. This lets those with good client
> design/implementation experience but weak DSP skills leverage the
> protocol. This has worked well in WINMOR with now at least 4 programs
> using the WINMOR TNC.
> 73,
>
> Rick KN6KB
>
>
>
>
> *From:* turi8712 <mailto:turich@...>
> *Sent:* Wednesday, December 08, 2010 1:46 PM
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Subject:* [V4Protocol] V4 Chat 0.1.3.0 Some findings during tests
>
> My equipment: XP/SP3, Flex 5000 A, PSDR 2.0.16 Beta, VAC 4.9, VSP
> Manager 1.0.1.017.
> My settings in V4 are similar to RMS-Express
> Full install did work ok.

>
> Greetings to All!
>
> my findings
>
> Waterfall: when starting up, the waterfall is blue. You see ongoing
> activities. After the first "Send" the waterfall turns black and stays
> that way. I would prefer the waterfall returns to the blue version. I
> like to see ongoing activities.
>
> Transmitting text: not always but quite often, the last few letters at
> the end of a message are not sent (text is marked with strokes)
>
> User files: Chosing a file and "Send" places the text in the upper
> right window and starts sending immediately. Why? If the file would be
> placed at the lower right window, it could be treated like a manually
> typed text and edited if necessary. Sending then can be started with
> "Enter" (CR).
> An even better alternative would be: leave "Send" as it is and
> introduce an additional "Move to Outbox" in the User File menue.
>
> Macrobuttons: Why not introduce (later?) a number of editable
> macrobuttons similar to other digital programs: CQ, Name, QTH etc.
> Macrobuttons are good help to get in contact and you do not have to
> retype the same text with every new contact. At the moment,I help
> myself using the feature "User Files".
>
> Abort: after pushing that menue button, the sending stops, Power SDR
> stops, V4 Stops. You have to restart the whole lot. I think, only the
> sending of the actual text should be stopped?
>
> V4 Sound card TNC: on startup the window does not place itself at the
> spot it has left before. The V4 Chat window does, which I prefer.
>
> 73, Arthur, HB9LAM
>
>

344. Re: [V4Protocol] Issue with 0.1.3.0 Exception error

Yahoo group: V4Protocol
Date: 2010-12-09 02:29:49 UTC
From: Deme
Topic: 338 Message: 344

The same thing happened to me .
73, Deme VE7CRT

----- Original Message -----
From: Andy obrien
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 08, 2010 4:57 PM
Subject: [V4Protocol] Issue with 0.1.3.0 Exception error

Issue with 0.1.3.0 Exception error when doing a right-click on the
sent/received screen and clearing text. THEN when you type text and
hit enter, you get the exception error. Well, I did , so did several
others but it does not happen EVERY time

Andy K3UK
Windows XP

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1170 / Virus Database: 426/3304 - Release Date: 12/08/10

345. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-09 03:21:04 UTC
From: W6IDS
Topic: 167 Message: 345

Yepper, it is sort of like a "type ahead buffer" - works slick IMHO per se. I thought I'd comment
about that due to some comments I saw about sending limits of only line by line at a time - I did not see that, as I said. That's why I tried a "Brag File" of sorts to check it out and it works.

Now that I'm home, it's time to install the next generation - it's 0318Z and I'm just now getting
ready to tackle it. <SIGH> Oh well..... Thanks Rick.

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 08, 2010 9:57 AM
Subject: Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Howard all,

Text (whether from the Keyboard text box or from a txt file) is never sent until a <CR> is seen. This allows you to “type ahead” while you are receiving. Once the <CR)> is sent the data goes into an outbound buffer and will be sent when the channel is clear and will send contiguous frames until the buffer is empty.

Rick KN6KB

From: W6IDS
Sent: Wednesday, December 08, 2010 8:01 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Hi Les,

In a couple of contacts and once by myself, I typed a BUNCH of lines and then hit ENTER. The whole thing was sent without stopping until the end was reached, maybe 10 or rwelve lines or so.
I just kept typing without hitting ENTER, letting word wrap happen.

<SNIP> <SNIP>

346. RE: [V4Protocol] Issue with 0.1.3.0 Exception error

Yahoo group: V4Protocol
Date: 2010-12-09 03:35:25 UTC
From: Charles Blackburn
Topic: 338 Message: 346

I I think I was the first it happened too but stupid me picked the wrong account to send the email too lol.. just got it as a return.

The worst problem is, it doesn't store the exception in the log files, I stupidly didn't cut n paste the dialog box text figuring it would be in the exception log. how wrong was I haha

Charlie
Ai4ri

347. Any West Coast 80meter activity tonight?

Yahoo group: V4Protocol
Date: 2010-12-09 03:46:12 UTC
From: stevekb6hoh
Topic: 347 Message: 347

Will be listening on 3585.0 at 0400z.

Steve KB6HOH in the SF Bay Area

348. Re: Linux Ubuntu - V4 Chat testing

Yahoo group: V4Protocol
Date: 2010-12-09 04:11:08 UTC
From: jcglt - FK8IH
Topic: 325 Message: 348

We made this test as scheduled and it failed :
1. I started on Linux Ubuntu with Windows XP launched in an Oracle VM VirtualBox
- first I could hear a nice signal around S8 but ALL words were RED-BARRED and this time totally undecoded, unreadable.
- I sent three times CQ and every time I got the following error message written in the Rx screen "FEC Aborted - Outbound buffer purged"
2. I then rebooted the computer on actual Windows XP op system and could have a working QSO with VK2DSG
3. We decided to make a last attempt on Linux and this time :
- the received frames were still from Linux side all red-barred
- there was no more error message, I was transmitting normally during a period alike what I had seen on Windows BUT VK2DSG told me my signal was only some kind of loud noise, totally useless.

Well bad luck with this test on Linux, I keep the logs and can e-mail them to somebody interested in them.

73 - FK8IH - Jean-Claude
--- In V4Protocol@...m, Les Keppie <leskep@...> wrote:
>
> Hi Jean-Claude
> Yes I can be on freq at 0315 utc
> See you then
> Regards
> Les VK2DSG
>
>
> On 9/12/2010 9:21 AM, jcglt - FK8IH wrote:
> >
> > Conditions here : FT897D plus SignaLink USB plus laptop using Windows
> > XP or Linux Ubuntu 10.04-1LTS Lucid Lynx.
> >
> > Last year I tried to work RMS Express on this Linux Ubuntu system
> > using a Virtual box, namely "Oracle VM VirtualBox". Rick explained it
> > could not work for Vox delay reasons and he was right : RMS Express
> > works well in the Virtual Box in "telnet" mode but does not work on
> > "radio" modes.
> > As things seem to be totally different with V4 as this is a "simplex"
> > communication mode and there are no strict delay conditions it should
> > work well on my Linux system using the VirtualBox.
> >
> > I checked this morning the settings in the VirtualBox, everything
> > seems OK with the new V4 Chat 0.1.3.0 and I will be ready today at
> > 03:15 Universal Time on same frequency as yesterday 14,110.5 dialed freq.
> > VK2DGS can you make this test with me this afternoon ?

> >
> >
>

349. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-09 04:22:23 UTC
From: W6IDS
Topic: 167 Message: 349

Well super! If I was of some help that's good. Perhaps we might make
a connection. Where are you listening? It might take some coordinating
but you never know.

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Les Keppie
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 08, 2010 3:07 PM
Subject: Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Hi Howard - All
Well that was the first qso with V4 so I did not understand how things worked - hi
plug and play so to speak - hi
Next time I am sure with your info in hand and other info learned during that first qso
with Jean-Claude it will be much better - biggest problem here is the lack of other users
I have just downloaded the latest version but no qsos yet
Les

PS just seen V4chat de ve7crt pop up on my monitor
signals are very weak and hardly any trace at all on my Flex3k waterfall

<SNIP> <SNIP>

350. Re: Linux Ubuntu - V4 Chat testing

Yahoo group: V4Protocol
Date: 2010-12-09 04:36:45 UTC
From: jcglt - FK8IH
Topic: 325 Message: 350

In V4 TNC Exceptions log I found the following lines, which show there is a problem of configuration of my Windows XP working in the VirtualBox :

2010/12/09 04:18:17 [0.1.3.0] [ProcessCapturedData]1 Err: Erreur de l'application.
-2005401480 (DSERR_NODRIVER)
à Microsoft.DirectX.DirectSound.CaptureBuffer.GetCurrentPosition(Int32&
currentCapturePosition, Int32& currentReadPosition)
à V4_TNC.V4Interface.ProcessCapturedData()
2010/12/09 04:18:17 [0.1.3.0] [ProcessCapturedData]1 Err: Erreur de l'application.
-2005401480 (DSERR_NODRIVER)
à Microsoft.DirectX.DirectSound.CaptureBuffer.GetCurrentPosition(Int32&
currentCapturePosition, Int32& currentReadPosition)
à V4_TNC.V4Interface.ProcessCapturedData()
2010/12/09 04:18:18 [0.1.3.0] [V4Interface, tmrPoll Tick] Sound card data capture failure.
2010/12/09 04:18:18 [0.1.3.0] [ProcessCapturedData]1 Err: Erreur de l'application.
-2005401480 (DSERR_NODRIVER)
à Microsoft.DirectX.DirectSound.CaptureBuffer.GetCurrentPosition(Int32&
currentCapturePosition, Int32& currentReadPosition)
à V4_TNC.V4Interface.ProcessCapturedData()
2010/12/09 04:18:19 [0.1.3.0] [RestartCaptureDevice] Error stopping objCapture: Erreur de
l'application.
2010/12/09 04:18:19 [0.1.3.0] [RestartCaptureDevice] Err: System.ApplicationException:
Erreur de l'application.
à Microsoft.DirectX.DirectSound.CaptureBuffer..ctor(CaptureBufferDescription desc, Capture
parent)
à V4_TNC.V4Interface.RestartCaptureDevice()
.....
I will have to dig a bit more in my system before any new attempt.
73 - FK8IH - Jean-Claude

351. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-09 04:37:27 UTC
From: Les Keppie
Topic: 167 Message: 351

Hi Howard
FK8IH Jean-Claude and myself - VK2DSG - are doing our testing on
14110.5 dial - this is the same freq as the VK2JN-5 RMS server uses
and most of RMS Express usage here is on 40m and 80m
At the moment the traffic usage is very low on this freq so we are
just keeping it warm - hi
Our normal test times so far have been from 0300 utc
Regards
Les VK2DSG

On 9/12/2010 3:22 PM, W6IDS wrote:
>
> Well super! If I was of some help that's good. Perhaps we might make
> a connection. Where are you listening? It might take some coordinating
> but you never know.
> Howard W6IDS
> Richmond, IN EM79NV
>
> ----- Original Message -----
> *From:* Les Keppie <mailto:leskep@...>
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Wednesday, December 08, 2010 3:07 PM
> *Subject:* Re: [V4Protocol] Re: Testing from FK8-New-Caledonia
>
> Hi Howard - All
> Well that was the first qso with V4 so I did not understand how
> things worked - hi
> plug and play so to speak - hi
> Next time I am sure with your info in hand and other info learned
> during that first qso
> with Jean-Claude it will be much better - biggest problem here is
> the lack of other users
> I have just downloaded the latest version but no qsos yet
> Les
>
> PS just seen V4chat de ve7crt pop up on my monitor
> signals are very weak and hardly any trace at all on my Flex3k
> waterfall
>
> <SNIP> <SNIP>
>
>

352. Abort Command problems

Yahoo group: V4Protocol
Date: 2010-12-09 04:45:24 UTC
From: stevekb6hoh
Topic: 352 Message: 352

While playing with the abort command I have the following problem:
1. Abort itself works just fine.
(***FEC Aborted... Outbound buffer purged)

2. After a Abort I attempt to resend a file, the program continues to Abort what I'm attempting to send.

3. If I use the "Clear Text Box" command same problem.

4 I have to restart the program to be able to use it.

Has anybody else had the same problem?

73 de Steve KB6HOH

353. Re: [V4Protocol] Any West Coast 80meter activity tonight?

Yahoo group: V4Protocol
Date: 2010-12-09 05:06:51 UTC
From: W6IDS
Topic: 347 Message: 353

There was some back here.

Hi Steve, had a connect with Richard, K6RBS in MS
around 0450Z on 3585.

Nice signal into Richmond, IN here. This is his first day
on V4.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "stevekb6hoh" <kb6hoh@...>
To: <V4Protocol@yahoogroups.com>
Sent: Wednesday, December 08, 2010 10:46 PM
Subject: [V4Protocol] Any West Coast 80meter activity tonight?

> Will be listening on 3585.0 at 0400z.
>
> Steve KB6HOH in the SF Bay Area
>

354. Re: [V4Protocol] Abort Command problems

Yahoo group: V4Protocol
Date: 2010-12-09 05:41:06 UTC
From: W6IDS
Topic: 352 Message: 354

Seems like, Steve. Here's a copy of a portion of my Debug
going to Rick. In MY case, I also locked up in transmit -
wouldn't unkey. I had to "X" out of the program and bring
it back up.

So far as clearing the text boxes, not a problem here.

Howard W6IDS
Richmond, IN EM79NV

2010/12/09 05:12:41.41 [0.1.3.0] New Capture State: WaitLeader
2010/12/09 05:13:52.59 [0.1.3.0] [ParseInboundCommand]: ABORT
2010/12/09 05:13:52.60 [0.1.3.0] [SendCommand] CMD
2010/12/09 05:14:49.11 [0.1.3.0] New Playback State: TransmitFEC
2010/12/09 05:14:49.12 [0.1.3.0] [SendCommand] PTT True
2010/12/09 05:14:49.13 [0.1.3.0] [PlaySoundStream] Play: Two Tone Test
2010/12/09 05:14:49.30 [0.1.3.0] New Capture State: FrameSync
2010/12/09 05:14:49.67 [0.1.3.0] New Capture State: WaitLeader
2010/12/09 05:14:53.32 [0.1.3.0] New Playback State: Idle
2010/12/09 05:14:53.33 [0.1.3.0] ABORT FEC... Outbound buffer purged.
2010/12/09 05:14:53.34 [0.1.3.0] [SendCommand] FAULT FEC Aborted...
Outbound buffer purged.
2010/12/09 05:15:47.57 [0.1.3.0] [ParseInboundCommand]: Close
2010/12/09 05:15:47.57 [0.1.3.0] [SendCommand] CMD
2010/12/09 05:15:48.30 [0.1.3.0] [StopCodec] Stop thrNotify with
blnSCCapturing = False
2010/12/09 05:15:56.35 [0.1.3.0] [SendCommand] CMD
2010/12/09 05:15:56.35 [0.1.3.0] [ParseInboundCommand]: CODEC False
2010/12/09 05:15:56.36 [0.1.3.0] [StopCodec] Stop thrNotify with
blnSCCapturing = False
2010/12/09 05:15:57.36 [0.1.3.0] [StopCodec] blnInWaitThread = False,
thrNotify ended.
2010/12/09 05:15:57.37 [0.1.3.0] [StopCodec] = True
2010/12/09 05:15:57.38 [0.1.3.0] [SendCommand] CMD
2010/12/09 05:15:57.39 [0.1.3.0] [ParseInboundCommand]: ProcessId
2010/12/09 05:15:57.40 [0.1.3.0] [SendCommand] PROCESSID 5808
2010/12/09 05:15:57.40 [0.1.3.0] [SendCommand] CMD
2010/12/09 05:15:57.41 [0.1.3.0] [ParseInboundCommand]: MYCALL W6IDS
2010/12/09 05:15:57.42 [0.1.3.0] [SendCommand] CMD
2010/12/09 05:15:57.43 [0.1.3.0] [ParseInboundCommand]: Capture Line
(microHAM CODEC)-3a
2010/12/09 05:15:57.44 [0.1.3.0] [SendCommand] CMD
2010/12/09 05:15:57.45 [0.1.3.0] [ParseInboundCommand]: Playback Headset
Earphone (microHAM CODEC)-f0

----- Original Message -----
From: "stevekb6hoh" <kb6hoh@...>
To: <V4Protocol@yahoogroups.com>
Sent: Wednesday, December 08, 2010 11:45 PM
Subject: [V4Protocol] Abort Command problems

> While playing with the abort command I have the following problem:
> 1. Abort itself works just fine.
> (***FEC Aborted... Outbound buffer purged)
>
> 2. After a Abort I attempt to resend a file, the program continues to
> Abort what I'm attempting to send.
>
> 3. If I use the "Clear Text Box" command same problem.
>
> 4 I have to restart the program to be able to use it.
>
> Has anybody else had the same problem?
>
> 73 de Steve KB6HOH
>
>

355. Re: Abort Command problems

Yahoo group: V4Protocol
Date: 2010-12-09 06:45:38 UTC
From: stevekb6hoh
Topic: 352 Message: 355

Ok Howard!

Tnx for the info. Lets see what happens with yours 1st before I dupe what you have sent.

73 de Steve KB6HOH

--- In V4Protocol@yahoogroups.com, "W6IDS" <w6ids@...> wrote:
>
>
>
> Seems like, Steve. Here's a copy of a portion of my Debug
> going to Rick. In MY case, I also locked up in transmit -
> wouldn't unkey. I had to "X" out of the program and bring
> it back up.
>
> So far as clearing the text boxes, not a problem here.
>
> Howard W6IDS
> Richmond, IN EM79NV
>
>
> 2010/12/09 05:12:41.41 [0.1.3.0] New Capture State: WaitLeader
> 2010/12/09 05:13:52.59 [0.1.3.0] [ParseInboundCommand]: ABORT
> 2010/12/09 05:13:52.60 [0.1.3.0] [SendCommand] CMD
> 2010/12/09 05:14:49.11 [0.1.3.0] New Playback State: TransmitFEC
> 2010/12/09 05:14:49.12 [0.1.3.0] [SendCommand] PTT True
> 2010/12/09 05:14:49.13 [0.1.3.0] [PlaySoundStream] Play: Two Tone Test
> 2010/12/09 05:14:49.30 [0.1.3.0] New Capture State: FrameSync
> 2010/12/09 05:14:49.67 [0.1.3.0] New Capture State: WaitLeader
> 2010/12/09 05:14:53.32 [0.1.3.0] New Playback State: Idle
> 2010/12/09 05:14:53.33 [0.1.3.0] ABORT FEC... Outbound buffer purged.
> 2010/12/09 05:14:53.34 [0.1.3.0] [SendCommand] FAULT FEC Aborted...
> Outbound buffer purged.
> 2010/12/09 05:15:47.57 [0.1.3.0] [ParseInboundCommand]: Close
> 2010/12/09 05:15:47.57 [0.1.3.0] [SendCommand] CMD
> 2010/12/09 05:15:48.30 [0.1.3.0] [StopCodec] Stop thrNotify with
> blnSCCapturing = False
> 2010/12/09 05:15:56.35 [0.1.3.0] [SendCommand] CMD
> 2010/12/09 05:15:56.35 [0.1.3.0] [ParseInboundCommand]: CODEC False
> 2010/12/09 05:15:56.36 [0.1.3.0] [StopCodec] Stop thrNotify with
> blnSCCapturing = False
> 2010/12/09 05:15:57.36 [0.1.3.0] [StopCodec] blnInWaitThread = False,
> thrNotify ended.
> 2010/12/09 05:15:57.37 [0.1.3.0] [StopCodec] = True
> 2010/12/09 05:15:57.38 [0.1.3.0] [SendCommand] CMD
> 2010/12/09 05:15:57.39 [0.1.3.0] [ParseInboundCommand]: ProcessId

> 2010/12/09 05:15:57.40 [0.1.3.0] [SendCommand] PROCESSID 5808
> 2010/12/09 05:15:57.40 [0.1.3.0] [SendCommand] CMD
> 2010/12/09 05:15:57.41 [0.1.3.0] [ParseInboundCommand]: MYCALL W6IDS
> 2010/12/09 05:15:57.42 [0.1.3.0] [SendCommand] CMD
> 2010/12/09 05:15:57.43 [0.1.3.0] [ParseInboundCommand]: Capture Line
> (microHAM CODEC)-3a
> 2010/12/09 05:15:57.44 [0.1.3.0] [SendCommand] CMD
> 2010/12/09 05:15:57.45 [0.1.3.0] [ParseInboundCommand]: Playback Headset
> Earphone (microHAM CODEC)-f0
>
>
>
> ----- Original Message -----
> From: "stevekb6hoh" <kb6hoh@...>
> To: <V4Protocol@yahoogroups.com>
> Sent: Wednesday, December 08, 2010 11:45 PM
> Subject: [V4Protocol] Abort Command problems
>
>
> > While playing with the abort command I have the following problem:
> > 1. Abort itself works just fine.
> > (***FEC Aborted... Outbound buffer purged)
> >
> > 2. After a Abort I attempt to resend a file, the program continues to
> > Abort what I'm attempting to send.
> >
> > 3. If I use the "Clear Text Box" command same problem.
> >
> > 4 I have to restart the program to be able to use it.
> >
> > Has anybody else had the same problem?
> >
> > 73 de Steve KB6HOH
> >
> >
>

356. Re: Linux Ubuntu - V4 Chat testing

Yahoo group: V4Protocol
Date: 2010-12-09 08:10:28 UTC
From: jcglt - FK8IH
Topic: 325 Message: 356

I tested my audio this evening with some strong PSK31 signals on 14070 by comparing their decoding on :
- fldigi run on Linux, result excellent decoding
- fldigi run on Windows XP in VirtualBox of Linux, result totally unreadable.
This confirms the problem of SignaLink USB working normally when booted on Windows XP and when booted on Linux but not working at all on Windows XP run in a VirtualBox on Ubuntu. I need to dig it before doing new tests of V4. I compared the setup of fldigi in these three configurations, they are the same, the audio is USB Audio Codec in each instance but there lacks something in the VirtualBox (I knew that the management of USB devices is not an easy task in Oracle VirtualBox).
73 - FK8IH - Jean-Claude

357. Re: Issue with 0.1.3.0 Exception error

Yahoo group: V4Protocol
Date: 2010-12-09 08:42:47 UTC
From: g4ilo
Topic: 338 Message: 357

Yep, happened to me as well.

Julian, G4ILO (Also using XP)

--- In V4Protocol@yahoogroups.com, Andy obrien <k3ukandy@...> wrote:
>
> Issue with 0.1.3.0 Exception error when doing a right-click on the
> sent/received screen and clearing text. THEN when you type text and
> hit enter, you get the exception error. Well, I did , so did several
> others but it does not happen EVERY time
>
> Andy K3UK
> Windows XP
>

358. "can't access log" error

Yahoo group: V4Protocol
Date: 2010-12-09 12:42:45 UTC
From: Jack Swift - Swift Hardware
Topic: 358 Message: 358

```
i wasn't doing anything - but attempted to view the log and got this
(after telling windows "continue" i made another attempt and got no
error) - i suspect that it's a "windows thing":
********** Exception Text **********
System.IO.IOException: The process cannot access the file
'C:\V4Chat\Logs\V4Chat 20101209.log' because it is being used by
another process.
at System.IO.__Error.WinIOError(Int32 errorCode, String maybeFullPath)
at System.IO.FileStream.Init(String path, FileMode mode, FileAccess
access, Int32 rights, Boolean useRights, FileShare share, Int32
bufferSize, FileOptions options, SECURITY_ATTRIBUTES secAttrs, String
msgPath, Boolean bFromProxy)
at System.IO.FileStream..ctor(String path, FileMode mode,
FileAccess access, FileShare share, Int32 bufferSize, FileOptions
options)
at System.IO.StreamWriter.CreateFile(String path, Boolean append)
at System.IO.StreamWriter..ctor(String path, Boolean append,
Encoding encoding, Int32 bufferSize)
at System.IO.StreamWriter..ctor(String path, Boolean append,
Encoding encoding)
at Microsoft.VisualBasic.FileIO.FileSystem.WriteAllText(String
file, String text, Boolean append, Encoding encoding)
at Microsoft.VisualBasic.MyServices.FileSystemProxy.WriteAllText(String
file, String text, Boolean append)
at V4Chat.Globals.Log(String strText)
at V4Chat.Main.UpdateSessionDisplay()
at V4Chat.Main.tmrPoll_Tick(Object sender, EventArgs e)
at System.Windows.Forms.Timer.OnTick(EventArgs e)
at System.Windows.Forms.Timer.TimerNativeWindow.WndProc(Message& m)
at System.Windows.Forms.NativeWindow.Callback(IntPtr hWnd, Int32
msg, IntPtr wparam, IntPtr lparam)

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio:  N8WAV  AAR5LD EN57rc
^^^^^^^^^^^^^^^^^^^^^^^^
```

359. RE: [V4Protocol] "can't access log" error

Yahoo group: V4Protocol
Date: 2010-12-09 13:01:48 UTC
From: Rick Muething
Topic: 358 Message: 359

Jack,

It usually means the log is opened by some other program (e.g. like the Log file dialog). I have seen this a lot more with Windows 7 (not so much with Win XP). I'll look into it maybe the error can be circumvented by opening the log file for read only (no changes permitted).

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Jack Swift - Swift Hardware
Sent: Thursday, December 09, 2010 7:43 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] "can't access log" error

i wasn't doing anything - but attempted to view the log and got this (after telling windows "continue" i made another attempt and got no error) - i suspect that it's a "windows thing":

```
********** Exception Text **********
System.IO.IOException: The process cannot access the file
'C:\V4Chat\Logs\V4Chat 20101209.log' because it is being used by
another process.
at System.IO.__Error.WinIOError(Int32 errorCode, String maybeFullPath)
at System.IO.FileStream.Init(String path, FileMode mode, FileAccess
access, Int32 rights, Boolean useRights, FileShare share, Int32
bufferSize, FileOptions options, SECURITY_ATTRIBUTES secAttrs, String
msgPath, Boolean bFromProxy)
at System.IO.FileStream..ctor(String path, FileMode mode,
FileAccess access, FileShare share, Int32 bufferSize, FileOptions
options)
at System.IO.StreamWriter.CreateFile(String path, Boolean append)
at System.IO.StreamWriter..ctor(String path, Boolean append,
Encoding encoding, Int32 bufferSize)
at System.IO.StreamWriter..ctor(String path, Boolean append,
Encoding encoding)
at Microsoft.VisualBasic.FileIO.FileSystem.WriteAllText(String
file, String text, Boolean append, Encoding encoding)
at Microsoft.VisualBasic.MyServices.FileSystemProxy.WriteAllText(String
file, String text, Boolean append)
at V4Chat.Globals.Log(String strText)
at V4Chat.Main.UpdateSessionDisplay()
at V4Chat.Main.tmrPoll_Tick(Object sender, EventArgs e)
at System.Windows.Forms.Timer.OnTick(EventArgs e)
at System.Windows.Forms.Timer.TimerNativeWindow.WndProc(Message& m)
```

at System.Windows.Forms.NativeWindow.Callback(IntPtr hWnd, Int32
msg, IntPtr wparam, IntPtr lparam)

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD EN57rc
^^^^^^^^^^^^^^^^^^^^^^^

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date: 12/08/10
02:34:00

360. RE: [V4Protocol] Re: Linux Ubuntu - V4 Chat testing

Yahoo group: V4Protocol
Date: 2010-12-09 13:11:52 UTC
From: Rick Muething
Topic: 325 Message: 360

Jean-Claude,

Thanks for that feedback. I am not surprised at all. At least for the V4 and WINMOR code which I know very well there are many calls to the sound card and interaction with the sound card thread that are time critical in the decoding process. I seriously doubt that any of the "Virtual Box" solutions will work well or predictably in such demanding applications.

I would like (with some serious help from a someone familiar with programs like mono) to develop a Linux version of V4 (and WINMOR) but it requires some serious effort and commitment (and of course the necessary skills).

1) Familiar enough with the VB.NET or .NET run time to be able to transfer or recode the critical routines in C for Linux.

2) Ability to use a mechanism in Linux to accommodate various sound "cards". The Windows solution is Direct X which isn't always great but it works on most sound cards.

3) A commitment to the project to see it through alpha and beta testing. To document the program thoroughly (user interface, setup and help) and to support the code (either source or binary) for a reasonable period of time.

In the past efforts (with the Paclink client and others) it has sometimes been difficult to get 3) above and that is why I put it out now as a necessary requirement. We don't need a bunch of false starts.

Those that think they can commit to the above and have some significant time to contribute to the effort are free (and encouraged) to contact me. We might want to hold off any actual coding a bit until we get the major bugs flushed out of the V4 protocol and V4Chat application.

Rick Muething, KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of jcglt - FK8IH
Sent: Thursday, December 09, 2010 3:10 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Linux Ubuntu - V4 Chat testing

I tested my audio this evening with some strong PSK31 signals on 14070 by comparing their decoding on :
- fldigi run on Linux, result excellent decoding
- fldigi run on Windows XP in VirtualBox of Linux, result totally unreadable.
This confirms the problem of SignaLink USB working normally when booted on

Windows XP and when booted on Linux but not working at all on Windows XP run in a VirtualBox on Ubuntu. I need to dig it before doing new tests of V4. I compared the setup of fldigi in these three configurations, they are the same, the audio is USB Audio Codec in each instance but there lacks something in the VirtualBox (I knew that the management of USB devices is not an easy task in Oracle VirtualBox).
73 - FK8IH - Jean-Claude

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date: 12/08/10 02:34:00

361. RE: [V4Protocol] 2-tone test request

Yahoo group: V4Protocol
Date: 2010-12-09 13:52:59 UTC
From: Rick Muething
Topic: 331 Message: 361

Jack,

That poses at least two serious problems:

1) Changing the audio drive level on the sound card while it is playing..Not always possible if you are not using the windows mixer.

2) The danger that a two tone signal is left on..The duty cycle of that will quickly fry most amateur radios or at least shut them down with an over temp condition. Every where else in the program there are (or at least will be!!!) safeguards that absolutely kill the PTT after a certain timeout.

What I will work on is a mechanism to update the drive level value on the setup page dynamically so you can make repeated 4 second tests of the two tone after a change without requiring a restart. That ends up being a lot of code because you have to accommodate (or disable) things like changes in the sound card, keying mechanism etc. That is why now for the alpha code I just require a clean restart.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Jack Swift - Swift Hardware
Sent: Wednesday, December 08, 2010 6:39 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] 2-tone test request

i want (need) to be able to turn on the 2-tone test and *while it is running* adjust the drive level in the setup window and then turn off the 2-tone test (manually) when i've finished.

right now, i have to:
set the drive level
close the program
open the program
do the 2-tone test
re-set the drive level
close the program
open the program
do the 2-tone test
re-set the drive level
close the program
open the program
do the 2-tone test
re-set the drive level

close the program
open the program
do the 2-tone test
and maybe run the 2-tone test a couple of times to make sure my eyes
are working right...

but still when i run the program normally, the radio shows a different
power level than i saw during the 2-tone test - and probably a
different alc value.

this same thing happened in winmor and i finally gave up and assumed
that my radio (756pro3) showed alc when there wasn't any so i ran at
'full drive'..

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD EN57
^^^^^^^^^^^^^^^^^^^^^^^

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date: 12/07/10
14:34:00

362. Re: [V4Protocol] 2-tone test request

Yahoo group: V4Protocol
Date: 2010-12-09 14:11:27 UTC
From: Jack Swift - Swift Hardware
Topic: 331 Message: 362

thanks!
very pleasing answer - and the code change can go down on 'the list'
below more critical things.
by the way, i thought we could do this in the winmor tnc setup - maybe
i didn't check that well enough...

On Thu, Dec 9, 2010 at 8:52 AM, Rick Muething <rmuething@...> wrote:
> What I will work on is a mechanism to update the drive level value on the setup page dynamically so you can make repeated 4 second tests of the two tone after a change without requiring a restart. That ends up being a lot of code because you have to accommodate (or disable) things like changes in the sound card, keying mechanism etc. That is why now for the alpha code I just require a clean restart.
>

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD
^^^^^^^^^^^^^^^^^^^^^^^

363. Re: [V4Protocol] Logging the frequence

Yahoo group: V4Protocol
Date: 2010-12-09 14:34:04 UTC
From: Berndt
Topic: 167 Message: 363

Rick,

Thank You, nice for the frequence in log.

It should also be nice if a click on a marked row in the Minilogdatagrid always change the frequence
on the transceiver. If I do some manual tuning on the radio I must in ver. 0.1.3.0 first click on another
row in the list and then click on the desired row. Same then I start V4Chat. My radio shows 14110.0, the first
row is marked and the frequnce on it is 3583.0. I will work on this frq 3583.0 but now I must choose another
frequence and then back again to the first row.

73, Berndt SM4XFP

Rick Muething skrev 2010-12-09 02:10:
>
> Berndt,
> Fairly easy to do assuming you are using the mini log to change/set
> the frequency. If you are using another mechanism I can't do much.
> I'll put it on the list. It would log as "info" to the session screen
> (e.g. *** Freq 12345.6 @ 21:22:03UTC) which would also log it to the
> V4Chat<date>.log for permanent storage.
> Rick KN6KB
> *From:* Berndt <mailto:sm4xfp@...>
> *Sent:* Wednesday, December 08, 2010 5:11 PM
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Subject:* [V4Protocol] Logging the frequence
>
> Rick!
>
> Is it possible to insert a line in the V4Chat.log which shows time and
> frequence then the frequence changes?
> I have had 2 QSO with version 0.1.2.0 but only EU no NA yet.
>
> Berndt sm4xfp
>
>

364. Re: Any West Coast 80meter activity tonight?

Yahoo group: V4Protocol
Date: 2010-12-09 14:40:03 UTC
From: K6RBS
Topic: 347 Message: 364

I'm actually in Mission Viejo, CA - DM13do.

No problem connecting to either of you on 3855 - using 50W, an FT950 and a G5RV.

73 - Richard

--- In V4Protocol@yahoogroups.com, "W6IDS" <w6ids@...> wrote:
>
>
> There was some back here.
>
> Hi Steve, had a connect with Richard, K6RBS in MS
> around 0450Z on 3585.
>
> Nice signal into Richmond, IN here. This is his first day
> on V4.
>
> Howard W6IDS
> Richmond, IN EM79NV
>
>
> ----- Original Message -----
> From: "stevekb6hoh" <kb6hoh@...>
> To: <V4Protocol@yahoogroups.com>
> Sent: Wednesday, December 08, 2010 10:46 PM
> Subject: [V4Protocol] Any West Coast 80meter activity tonight?
>
>
> > Will be listening on 3585.0 at 0400z.
> >
> > Steve KB6HOH in the SF Bay Area
> >
>

365. Re: [V4Protocol] Logging the frequence

Yahoo group: V4Protocol
Date: 2010-12-09 14:45:12 UTC
From: Jack Swift - Swift Hardware
Topic: 167 Message: 365

i found that clicking on one row might not change the frequency, but
using the "down arrow" and then the "up arrow" on the keyboard (after
clicking on one of the frequencies) would change frequencies most
easily (almost like scanning <G>)

NICE feature!!

On Thu, Dec 9, 2010 at 9:34 AM, Berndt <sm4xfp@...> wrote:
> It should also be nice if a click on a marked row in the Minilogdatagrid always change the frequence on the transceiver. If I do some manual tuning on the radio I must in ver. 0.1.3.0 first click on another row in the list and then click on the desired row. Same then I start V4Chat. My radio shows 14110.0, the first row is marked and the frequnce on it is 3583.0. I will work on this frq 3583.0 but now I must choose another frequence and then back again to the first row.

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD EN57rc
^^^^^^^^^^^^^^^^^^^^^^^^

366. Re: [V4Protocol] "can't access log" error

Yahoo group: V4Protocol
Date: 2010-12-09 15:00:53 UTC
From: David Musgrave
Topic: 358 Message: 366

```
--------------------------------
From: Jack Swift - Swift Hardware <jswift@...>
To: V4Protocol@yahoogroups.com
Sent: Thu, December 9, 2010 8:42:45 AM
Subject: [V4Protocol] "can't access log" error

i wasn't doing anything - but attempted to view the log and got this
(after telling windows "continue" i made another attempt and got no
error) - i suspect that it's a "windows thing":
************** Exception Text **************
System.IO.IOException: The process cannot access the file
'C:\V4Chat\Logs\V4Chat 20101209.log' because it is being used by
another process.
at System.IO.__Error.WinIOError(Int32 errorCode, String maybeFullPath)
at System.IO.FileStream.Init(String path, FileMode mode, FileAccess
access, Int32 rights, Boolean useRights, FileShare share, Int32
bufferSize, FileOptions options, SECURITY_ATTRIBUTES secAttrs, String
msgPath, Boolean bFromProxy)
at System.IO.FileStream..ctor(String path, FileMode mode,
FileAccess access, FileShare share, Int32 bufferSize, FileOptions
options)
at System.IO.StreamWriter.CreateFile(String path, Boolean append)
at System.IO.StreamWriter..ctor(String path, Boolean append,
Encoding encoding, Int32 bufferSize)
at System.IO.StreamWriter..ctor(String path, Boolean append,
Encoding encoding)
at Microsoft.VisualBasic.FileIO.FileSystem.WriteAllText(String
file, String text, Boolean append, Encoding encoding)
at Microsoft.VisualBasic.MyServices.FileSystemProxy.WriteAllText(String
file, String text, Boolean append)
at V4Chat.Globals.Log(String strText)
at V4Chat.Main.UpdateSessionDisplay()
at V4Chat.Main.tmrPoll_Tick(Object sender, EventArgs e)
at System.Windows.Forms.Timer.OnTick(EventArgs e)
at System.Windows.Forms.Timer.TimerNativeWindow.WndProc(Message& m)
at System.Windows.Forms.NativeWindow.Callback(IntPtr hWnd, Int32
msg, IntPtr wparam, IntPtr lparam)

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
```

```
Radio:  N8WAV  AAR5LD EN57rc
^^^^^^^^^^^^^^^^^^^^^^^^^
```

367. Re: [V4Protocol] Logging the frequence

Yahoo group: V4Protocol
Date: 2010-12-09 15:09:08 UTC
From: Berndt
Topic: 167 Message: 367

Nice Jack, I tested it ok,

Jack Swift - Swift Hardware skrev 2010-12-09 15:45:
>
> i found that clicking on one row might not change the frequency, but
> using the "down arrow" and then the "up arrow" on the keyboard (after
> clicking on one of the frequencies) would change frequencies most
> easily (almost like scanning <G>)
>
> NICE feature!!
>
> On Thu, Dec 9, 2010 at 9:34 AM, Berndt <sm4xfp@...
> <mailto:sm4xfp%40ssa.se>> wrote:
> > It should also be nice if a click on a marked row in the
> Minilogdatagrid always change the frequence on the transceiver. If I
> do some manual tuning on the radio I must in ver. 0.1.3.0 first click
> on another row in the list and then click on the desired row. Same
> then I start V4Chat. My radio shows 14110.0, the first row is marked
> and the frequnce on it is 3583.0. I will work on this frq 3583.0 but
> now I must choose another frequence and then back again to the first row.
>
> --
>
> vvvvvvvvvvvvvvvvvvvvvvv
> Jack Swift
> I.E. Swift Co.
> 402 Shelden Ave.
> Houghton, MI 49931
> 906-482-0530, 281-5300
> Radio: N8WAV AAR5LD EN57rc
> ^^^^^^^^^^^^^^^^^^^^^^^
>
>

368. W6IDS loud this AM into Baja 14.073

Yahoo group: V4Protocol
Date: 2010-12-09 15:23:04 UTC
From: n6kzb
Topic: 368 Message: 368

Short but good contact with W6IDS. His signal was 589 and good constellation pattern. I had to run to get antenna parts in USA so we can operate from radio club station with a real antenna on this mode.

W6IDS: N6KZB de W6IDS still good from Baja, with a score of 97 ping here, Phil.Thanks for the quick chat. Later, Sir.
W6IDS: de W6IDS 73 73 SK

Adios all, n6kzb/xe2

369. New group member

Yahoo group: V4Protocol
Date: 2010-12-09 15:30:06 UTC
From: Eddy Van de Velde
Topic: 369 Message: 369

Hi,

I'm new to the group and have just intalled V4 software. Setup was easy and I have made my very first qso with Howard W6IDS on 20 m. Thanks a lot Howard !

This is my setup :
Flex SDR-1000 with M Audio Delta44 sound card.
Audio IN/OUT via Virtual Audio Cable v4.09.
CAT control via Eltima VirtualSerialPortDriver XP 5.5.
Windows XP Home SP3.

There is one thing I noticed in the V4 Sound Card TNC window.
The waterfall display remains black after TX. Receive is OK as is the Constellation display.
Waterfall works again after closing and restarting V4 until TX>RX when it stays black again.

73 and many thanks to the V4 team,

Eddy ON5UQ.

370. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-09 15:46:29 UTC
From: W6IDS
Topic: 167 Message: 370

Hello All,

I need to ask something about the transmission format we're going to use with V4 Chat.

IMHO, this mode is no different than PacTOR I, RTTY, PSK, ets. We have a VFO to use, we're not channelized. When I make a contact, I'm inclined to CHAT, V4 not withstanding.

The only reason we're on a handful of frequencies is that no one knows where to go to get a contact. So, we tend to congregate where we're sure to find success. I suppose that's OK for now but IMHO it's going to create some bad habits in MY view. I think this is especially so when we get our hands on the ARQ capability.

That said, I'm not operating V4 as a channelized operation where I'm sharing a frequency with time constraints. I'm typing multiple lines of text and thoughts, no differently than RTTY, PacTOR, PSK, etc. I'm not thinking of multiple contacts taking place at the same time, sharing a frequency. I do entertain the "breaking station" who wants to join an FEC communication during the pause between exchanges.

What I will not do, is type a single line of an abbreviated thought and then hit ENTER to send a single line. As far as I'm concerned, that's not the way to communicate, so I'm presenting my thoughts here. I don't have an SCS modem with full duplex capability and I'm not interested in that at all. I have no interest in rapid first exchanges with multiple stations on the same frequency - it's too confusing, and not all that easy with manual typing. IMHO, if you want to TXT me, call my smart phone, not my ICOM.

Most of you, I bet, don't know that you can type complete thoughts, multiple lines and not transmit until you hit ENTER. If you do, why not do it and take advantage of a simple "type ahead buffer" while the other person is sending? When your done typing and want to send your thoughts, type "KKK" at the end then press ENTER. Otherwise, I'm going to just sit there. Don't handle V4 like you're on a private channel.

Hmmmm, unless you're mostly interested in signal reports, a score off the Constallation, location and then move on to the next conquest.

Also, after using V4 now, it's MY opinion that we do not have to find ourselves a nitch to congregate so as not to interfere with anyone else. There is no reason at all why this mode can't co-exist with RTTY, PacTOR I, etc because we have VFOs and can go where we want so long as there's no interference.

Regards,

Howard W6IDS
Richmond, IN EM79NV

371. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-09 15:57:25 UTC
From: R. Ian Renton
Topic: 167 Message: 371

It might be convenient to have a "calling" frequency per band that one can monitor for CQs. After a brief "Hi", agree to move to another frequency for chatting.
Just my thought.
Ian
W4RIR

On Thu, Dec 9, 2010 at 10:46 AM, W6IDS <w6ids@...> wrote:

>
>
>
>
> Hello All,
>
> I need to ask something about the transmission format we're going to
> use with V4 Chat.
>
> IMHO, this mode is no different than PacTOR I, RTTY, PSK, ets. We
> have a VFO to use, we're not channelized. When I make a contact,
> I'm inclined to CHAT, V4 not withstanding.
>
> The only reason we're on a handful of frequencies is that no one knows
> where to go to get a contact. So, we tend to congregate where we're
> sure to find success. I suppose that's OK for now but IMHO it's going
> to create some bad habits in MY view. I think this is especially so
> when we get our hands on the ARQ capability.
>
> That said, I'm not operating V4 as a channelized operation where I'm
> sharing a frequency with time constraints. I'm typing multiple lines of
> text and thoughts, no differently than RTTY, PacTOR, PSK, etc. I'm
> not thinking of multiple contacts taking place at the same time, sharing
> a frequency. I do entertain the "breaking station" who wants to join
> an FEC communication during the pause between exchanges.
>
> What I will not do, is type a single line of an abbreviated thought and
> then hit ENTER to send a single line. As far as I'm concerned, that's
> not the way to communicate, so I'm presenting my thoughts here. I
> don't have an SCS modem with full duplex capability and I'm not
> interested in that at all. I have no interest in rapid first exchanges
> with multiple stations on the same frequency - it's too confusing,
> and not all that easy with manual typing. IMHO, if you want to TXT
> me, call my smart phone, not my ICOM.
>
> Most of you, I bet, don't know that you can type complete thoughts,

> multiple lines and not transmit until you hit ENTER. If you do, why not
> do it and take advantage of a simple "type ahead buffer" while the
> other person is sending? When your done typing and want to send
> your thoughts, type "KKK" at the end then press ENTER. Otherwise,
> I'm going to just sit there. Don't handle V4 like you're on a private
> channel.
>
> Hmmmm, unless you're mostly interested in signal reports, a score
> off the Constallation, location and then move on to the next conquest.
>
> Also, after using V4 now, it's MY opinion that we do not have to find
> ourselves a nitch to congregate so as not to interfere with anyone else.
> There is no reason at all why this mode can't co-exist with RTTY,
> PacTOR I, etc because we have VFOs and can go where we want
> so long as there's no interference.
>
> Regards,
>
> Howard W6IDS
> Richmond, IN EM79NV
>
>
>

372. Re: [V4Protocol] W6IDS loud this AM into Baja 14.073

Yahoo group: V4Protocol
Date: 2010-12-09 16:12:51 UTC
From: W6IDS
Topic: 368 Message: 372

Boy, that's the truth. Glad you tried. BTW, I also got called by F1ABL,
but
when I swug the beam it was too late. Then picked up ON5QL, Eddy, at
JO11VA. This was his first V4 contact.

Then I picked up KA1GMN, Phil in Euless, TX who had a rompin' signal
into Indiana. He had a score of 96 BTW.

N6KZB in Baja appeared with a really good signal, score 94. Had a good
chat with him that was followed by a contact with F1AFZ, Christian. He
gave me a score of 82.

All of this on 20 meters, 14073.000. I dunno, it seems like 20 meters
is a good choice for daytime. I'm wondering how 17 meters will do?

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "n6kzb" <n6kzb@...>
To: <V4Protocol@yahoogroups.com>
Sent: Thursday, December 09, 2010 10:23 AM
Subject: [V4Protocol] W6IDS loud this AM into Baja 14.073

> Short but good contact with W6IDS. His signal was 589 and good
> constellation pattern. I had to run to get antenna parts in USA so we can
> operate from radio club station with a real antenna on this mode.
>
>
> ----------------------
> W6IDS: N6KZB de W6IDS still good from Baja, with a score of 97 ping here,
> Phil.Thanks for the quick chat. Later, Sir.
> W6IDS: de W6IDS 73 73 SK
> ---------------------
>
> Adios all, n6kzb/xe2
>

373. Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-09 16:16:10 UTC
From: ka1gmn
Topic: 167 Message: 373

It is a matter of choice.

If you want to engage in the legacy monologue QSOs, then by all means do so. The same goes for those who prefer one line text exchanges between two or more operators.

The idea is to explore and find out what work best for you.

philw de ka1gmn

374. Re: [V4Protocol] Logging the frequence

Yahoo group: V4Protocol
Date: 2010-12-09 16:59:12 UTC
From: W6IDS
Topic: 167 Message: 374

Yep, I tried that too, Jack. I had to first move the line up or down before
I could use the arrows. Intended asset? Hmmm.... thanks for tip.

Howard W6IDS
Richmond, IN Em79NV

----- Original Message -----
From: "Jack Swift - Swift Hardware" <jswift@...>
To: <V4Protocol@yahoogroups.com>
Sent: Thursday, December 09, 2010 9:45 AM
Subject: Re: [V4Protocol] Logging the frequence

i found that clicking on one row might not change the frequency, but
using the "down arrow" and then the "up arrow" on the keyboard (after
clicking on one of the frequencies) would change frequencies most
easily (almost like scanning <G>)

NICE feature!!

On Thu, Dec 9, 2010 at 9:34 AM, Berndt <sm4xfp@...> wrote:
> It should also be nice if a click on a marked row in the Minilogdatagrid
> always change the frequence on the transceiver. If I do some manual tuning
> on the radio I must in ver. 0.1.3.0 first click on another row in the list
> and then click on the desired row. Same then I start V4Chat. My radio
> shows 14110.0, the first row is marked and the frequnce on it is 3583.0. I
> will work on this frq 3583.0 but now I must choose another frequence and
> then back again to the first row.

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD EN57rc
^^^^^^^^^^^^^^^^^^^^^^^

375. Monitoring 18 Mhz

Yahoo group: V4Protocol
Date: 2010-12-09 17:00:56 UTC
From: W6IDS
Topic: 167 Message: 375

QRV on 18080.000 V4 as of 1700Z for a bit.
Thought I'd give it a whack.

Howard W6IDS
Richmond, IN EM79NV

376. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-09 17:06:44 UTC
From: W6IDS
Topic: 167 Message: 376

Yep, works for me m'man. For testing RMS Express and such,
it was a good thing to KNOW where everyone was because of
messaging. But in this case, it's a whole different story....IMHO
of course. <GRIN>

BTW, I:m on 18080.000 CQing......pointed Easterly. at 1706Z

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: R. Ian Renton
To: V4Protocol@yahoogroups.com
Sent: Thursday, December 09, 2010 10:57 AM
Subject: Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

It might be convenient to have a "calling" frequency per band that one can monitor for CQs.
After a brief "Hi", agree to move to another frequency for chatting.
Just my thought.
Ian
W4RIR

On Thu, Dec 9, 2010 at 10:46 AM, W6IDS <w6ids@frontier.com> wrote:

Hello All,

I need to ask something about the transmission format we're going to
use with V4 Chat.

<SNIP> <SNIP>

377. Re: [V4Protocol]

Yahoo group: V4Protocol
Date: 2010-12-09 17:16:36 UTC
From: Chuck
Topic: 377 Message: 377

One of the most difficult things for people doing K2K is to have enough patience to wait for that "KKK". But it's the right thing to do. Some of us are not very fast at the keyboard or make a lot of mistakes taking more time than the average touch typist.

What I am saying folks is during a chat, PLEASE wait for an invitation to transmit before jumping back in. Use the "KKK" or "BTU"... This is standard protocol on RTTY, PSK, etc.
and will work with V4.

That said, I like to use the enter key often just to give the other guy something to read while
this old slow typist here continues with keyboarding. This flys in the face of what Howard likes
to do, but he must be a way faster typist than I.

73;
Chuck, WA7BRL

----- Original Message -----
From: "W6IDS"
To: V4Protocol@yahoogroups.com
Sent: Thursday, December 9, 2010 7:46:29 AM
Subject: Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Hello All,

I need to ask something about the transmission format we're going to use with V4 Chat.

IMHO, this mode is no different than PacTOR I, RTTY, PSK, ets. We have a VFO to use, we're not channelized. When I make a contact, I'm inclined to CHAT, V4 not withstanding.

The only reason we're on a handful of frequencies is that no one knows where to go to get a contact. So, we tend to congregate where we're sure to find success. I suppose that's OK for now but IMHO it's going to create some bad habits in MY view. I think this is especially so when we get our hands on the ARQ capability.

That said, I'm not operating V4 as a channelized operation where I'm sharing a frequency with time constraints. I'm typing multiple lines of text and thoughts, no differently than RTTY, PacTOR, PSK, etc. I'm not thinking of multiple contacts taking place at the same time, sharing a frequency. I do entertain the "breaking station" who wants to join an FEC communication during the pause between exchanges.

What I will not do, is type a single line of an abbreviated thought and then hit ENTER to send a single line. As far as I'm concerned, that's not the way to communicate, so I'm presenting my thoughts here. I don't have an SCS modem with full duplex capability and I'm not interested in that at all. I have no interest in rapid first exchanges with multiple stations on the same frequency - it's too confusing, and not all that easy with manual typing. IMHO, if you want to TXT me, call my smart phone, not my ICOM.

Most of you, I bet, don't know that you can type complete thoughts, multiple lines and not transmit until you hit ENTER. If you do, why not do it and take advantage of a simple "type ahead buffer" while the other person is sending? When your done typing and want to send your thoughts, type "KKK" at the end then press ENTER. Otherwise, I'm going to just sit there. Don't handle V4 like you're on a private channel.

Hmmmm, unless you're mostly interested in signal reports, a score off the Constallation, location and then move on to the next conquest.

Also, after using V4 now, it's MY opinion that we do not have to find ourselves a nitch to congregate so as not to interfere with anyone else. There is no reason at all why this mode can't co-exist with RTTY, PacTOR I, etc because we have VFOs and can go where we want so long as there's no interference.

Regards,

Howard W6IDS
Richmond, IN EM79NV

378. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-09 17:22:24 UTC
From: W6IDS
Topic: 167 Message: 378

OUCH! Little harsh Phil. Legacy MONOLOGUE QSOs?

Well, perhaps you're right. I've run across more stations who
do not know how to exchange complete thoughts in a QSO.
and it IS to each his/her own, which is why I drop 'em like a
hot brick. Anything more than two thoughts for them and the
flow is lost.

That said, there's just a limit for ME as to how much contest
mode I can maintain. Which is why I don't contest any more
these past few years. The freq/contact/call/ area in V4Chat
display is great for those calling frequencies you mentioned.

Just so long as we do not turn V4 into a channelized operation.
We have RMS and WL2K to cover that, along with ALE.
I think it's a mistake if we do.

OOPS. There I go, silly me. Bloody monologue mode again.
<GRIN>

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "ka1gmn" <ka1gmn@...>
To: <V4Protocol@yahoogroups.com>
Sent: Thursday, December 09, 2010 11:16 AM
Subject: [V4Protocol] Re: Testing from FK8-New-Caledonia

> It is a matter of choice.
>
> If you want to engage in the legacy monologue QSOs, then by all means do
> so. The same goes for those who prefer one line text exchanges between
> two or more operators.
>
> The idea is to explore and find out what work best for you.
>
> philw de ka1gmn
>

379. Re: [V4Protocol]

Yahoo group: V4Protocol
Date: 2010-12-09 17:36:28 UTC
From: W6IDS
Topic: 377 Message: 379

Hey Chuck! No Sir! You're doing good! Keep on with it.... you're not conflicting with what I said at all, Maybe even you may have said it better from a different perspective.

I type 80 wpm yet detest the full duplex format chatting. Vocal comms with it is fine for duplexing - step all over each other if desired - it's easy
to handle.

BUT not when you're keyboarding.... again, IMHO. Tell me BTU or KKK after some thoughts. Don't hit me with having to transmit after just three words - unless I'm on the same page with you in the flow.

As far as I'm concerned, you're pretty much dead on target. AND - you reminded me that not everyone types well, which probably does explain the repetitive single line transmissions in a few cases. I probably saw that in the wrong way at the time. I'll put the Dunce Cap on for a while <GRIN>....well, for a couple of hours.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "Chuck" <wa7brl@...>
To: <V4Protocol@yahoogroups.com>
Sent: Thursday, December 09, 2010 12:16 PM
Subject: Re: [V4Protocol]

> One of the most difficult things for people doing K2K is to have enough
> patience to
> wait for that "KKK". But it's the right thing to do. Some of us are not
> very fast at
> the keyboard or make a lot of mistakes taking more time than the average
> touch typist.
>
> What I am saying folks is during a chat, PLEASE wait for an invitation to
> transmit
> before jumping back in. Use the "KKK" or "BTU"... This is standard
> protocol on RTTY, PSK, etc.
> and will work with V4.
>
> That said, I like to use the enter key often just to give the other guy
> something to read while
> this old slow typist here continues with keyboarding. This flys in the
> face of what Howard likes
> to do, but he must be a way faster typist than I.

>
> 73;
> Chuck, WA7BRL
>
>
> ----- Original Message -----
> From: "W6IDS"
> To: V4Protocol@yahoogroups.com
> Sent: Thursday, December 9, 2010 7:46:29 AM
> Subject: Re: [V4Protocol] Re: Testing from FK8-New-Caledonia
>
> Hello All,
>
> I need to ask something about the transmission format we're going to
> use with V4 Chat.

380. Re: [V4Protocol] New group member

Yahoo group: V4Protocol
Date: 2010-12-09 17:58:36 UTC
From: W6IDS
Topic: 369 Message: 380

Yes, that was so cool, a Kodak moment for sure.

There was a message this week from Rick in which he mentions that
the waterfall prob stems from an audio issue or lack of it actually. If
there's audio in, you'll see it in the WF?

In that message, Rick says:

The waterfall color is completely defined by the audio level going into the sound card (or VAC). If there is no audio the background will be black. there is some limited AGC to try and set the plotting colors to get the most available contrast. If your waterfall looks black it sounds like there is no audio being received (received level indicator???) In FEC mode the waterfall works full duplex (should never stop). In ARQ mode it stops during transmit. (ARQ by definition is half duplex)

Howard W6IDS
Richmond, IN Em79NV
----- Original Message -----
From: Eddy Van de Velde
To: V4Protocol@yahoogroups.com
Sent: Thursday, December 09, 2010 10:30 AM
Subject: [V4Protocol] New group member

Hi,

I'm new to the group and have just intalled V4 software. Setup was easy and I have made my very first qso with Howard W6IDS on 20 m. Thanks a lot Howard !

This is my setup :
Flex SDR-1000 with M Audio Delta44 sound card.
Audio IN/OUT via Virtual Audio Cable v4.09.
CAT control via Eltima VirtualSerialPortDriver XP 5.5.
Windows XP Home SP3.

There is one thing I noticed in the V4 Sound Card TNC window.
The waterfall display remains black after TX. Receive is OK as is the Constellation display.
Waterfall works again after closing and restarting V4 until TX>RX when it stays black again.

73 and many thanks to the V4 team,

Eddy ON5UQ.

381. Re: Any West Coast 80meter activity tonight?

Yahoo group: V4Protocol
Date: 2010-12-09 18:10:30 UTC
From: stevekb6hoh
Topic: 347 Message: 381

GM Richard,

OK FB. Lets see if we can do it again this week or weekend if you are around. 73 de Steve KB6HOH

--- In V4Protocol@yahoogroups.com, "K6RBS" <g0ery@...> wrote:
>
> I'm actually in Mission Viejo, CA - DM13do.
>
> No problem connecting to either of you on 3855 - using 50W, an FT950 and a G5RV.
>
> 73 - Richard
>
> --- In V4Protocol@yahoogroups.com, "W6IDS" <w6ids@> wrote:
> >
> >
> > There was some back here.
> >
> > Hi Steve, had a connect with Richard, K6RBS in MS
> > around 0450Z on 3585.
> >
> > Nice signal into Richmond, IN here. This is his first day
> > on V4.
> >
> > Howard W6IDS
> > Richmond, IN EM79NV
> >
> >
> > ----- Original Message -----
> > From: "stevekb6hoh" <kb6hoh@>
> > To: <V4Protocol@yahoogroups.com>
> > Sent: Wednesday, December 08, 2010 10:46 PM
> > Subject: [V4Protocol] Any West Coast 80meter activity tonight?
> >
> >
> > > Will be listening on 3585.0 at 0400z.
> > >
> > > Steve KB6HOH in the SF Bay Area
> > >
> >
>

382. RE: [V4Protocol]

Yahoo group: V4Protocol
Date: 2010-12-09 18:25:12 UTC
From: Rick Muething
Topic: 377 Message: 382

Thanks Chuck,

Some good suggestions. I'll try and include something along this line in the Help file (someone might actually read it!). I'm sure we can work out some other good ground rules to help in the keyboard chat mechanism.

I had originally conceived it something like VOX on voice but that might not be the best approach. By holding off on sending the keyboard text until a <CR> is detected my intent was to allow one to answer/edit questions WHILE they were still receiving and then sending the <CR> after a link turn over (K) was received.

Other well thought through suggestions on how this works are welcome..they aren't however specific to the V4 protocol .just the V4 Chat program.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Chuck
Sent: Thursday, December 09, 2010 12:17 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol]

One of the most difficult things for people doing K2K is to have enough patience to
wait for that "KKK". But it's the right thing to do. Some of us are not very fast at
the keyboard or make a lot of mistakes taking more time than the average touch typist.

What I am saying folks is during a chat, PLEASE wait for an invitation to transmit
before jumping back in. Use the "KKK" or "BTU"... This is standard protocol on RTTY, PSK, etc.
and will work with V4.

That said, I like to use the enter key often just to give the other guy something to read while
this old slow typist here continues with keyboarding. This flys in the face of what Howard likes
to do, but he must be a way faster typist than I.

73;
Chuck, WA7BRL

----- Original Message -----
From: "W6IDS"
To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
Sent: Thursday, December 9, 2010 7:46:29 AM
Subject: Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Hello All,

I need to ask something about the transmission format we're going to use with V4 Chat.

IMHO, this mode is no different than PacTOR I, RTTY, PSK, ets. We have a VFO to use, we're not channelized. When I make a contact, I'm inclined to CHAT, V4 not withstanding.

The only reason we're on a handful of frequencies is that no one knows where to go to get a contact. So, we tend to congregate where we're sure to find success. I suppose that's OK for now but IMHO it's going to create some bad habits in MY view. I think this is especially so when we get our hands on the ARQ capability.

That said, I'm not operating V4 as a channelized operation where I'm sharing a frequency with time constraints. I'm typing multiple lines of text and thoughts, no differently than RTTY, PacTOR, PSK, etc. I'm not thinking of multiple contacts taking place at the same time, sharing a frequency. I do entertain the "breaking station" who wants to join an FEC communication during the pause between exchanges.

What I will not do, is type a single line of an abbreviated thought and then hit ENTER to send a single line. As far as I'm concerned, that's not the way to communicate, so I'm presenting my thoughts here. I don't have an SCS modem with full duplex capability and I'm not interested in that at all. I have no interest in rapid first exchanges with multiple stations on the same frequency - it's too confusing, and not all that easy with manual typing. IMHO, if you want to TXT me, call my smart phone, not my ICOM.

Most of you, I bet, don't know that you can type complete thoughts, multiple lines and not transmit until you hit ENTER. If you do, why not do it and take advantage of a simple "type ahead buffer" while the other person is sending? When your done typing and want to send your thoughts, type "KKK" at the end then press ENTER. Otherwise, I'm going to just sit there. Don't handle V4 like you're on a private channel.

Hmmmm, unless you're mostly interested in signal reports, a score off the Constallation, location and then move on to the next conquest.

Also, after using V4 now, it's MY opinion that we do not have to find ourselves a nitch to congregate so as not to interfere with anyone else. There is no reason at all why this mode can't co-exist with RTTY, PacTOR I, etc because we have VFOs and can go where we want so long as there's no interference.

Regards,

Howard W6IDS
Richmond, IN EM79NV

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date: 12/08/10
02:34:00

383. Anone around?

Yahoo group: V4Protocol
Date: 2010-12-09 18:26:41 UTC
From: kirkharding@rocketmail.com
Topic: 383 Message: 383

On 18080 looking for V4 contact. Will be here until 1845Z

384. Re: V4 Chat 0.1.3.0 Some findings during tests

Yahoo group: V4Protocol
Date: 2010-12-09 18:28:46 UTC
From: turi8712
Topic: 308 Message: 384

Hi Rick,

Thank you for your response and the great job with V4.

I did some further test concerning my waterfall.
Setup: Receive level = 70 - 80 % of green area, Status TCP and Soundcard = green, Capture = blue WaitLeader, Playback = blue, Busy Detector = 5, Waterfall on startup = blue, moving

Menue Test:
- Two test tone: works, transmit spur visible, returns to blue again
- FEC Loop Test: works, transmit spur for 1st frame visible, after
that black, at the end of message one small blue line,
afterwards waterfall remains black. I can still hear (but not
see) adjacent PSK signals = there must be some input.
- CWID Similar to FEC Loop Test

Typing Text: "cq cq" and CR: sending starts, transmit spur for the
first (and only) frame visible, waterfall returns to blue again
"cq cq cq": same result as above
"cq cq cq cq: similar o FEC Loop test, waterfall remains black

Logs I had a look at them and can see that signals have been transmitted (Power approx. 30 watts) but being not an insider, my understanding is very limited.

PS: I have tried these tests with different settings, also on the
Flex 5K - side but with the same results.

73, Arthur, HB9LAM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Arthur,
>
> Thanks for your feedback...some questions however. I havenâ☐☐t tried it yet with my Flex 3000.
>
> â☐☐Waterfall: when starting up, the waterfall is blue. You see ongoing activities. After the first "Send" the waterfall turns black and stays that way. I would prefer the waterfall returns to the blue version. I like to see ongoing activities.â☐☐
> The waterfall color is completely defined by the audio level going into the sound card (or VAC). If there is no audio the background will be black. there is some limited AGC to try and set the plotting colors to get the most available contrast. If your waterfall looks black it sounds like there is no audio being received (received level indicator???) In FEC mode the waterfall works full duplex (should never stop). In ARQ mode it stops during transmit. (ARQ by definition is half duplex)
>

> 73,
>

> Rick KN6KB
>
>
>
>
>
>
>
> From: turi8712
> Sent: Wednesday, December 08, 2010 1:46 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] V4 Chat 0.1.3.0 Some findings during tests
>
>
> My equipment: XP/SP3, Flex 5000 A, PSDR 2.0.16 Beta, VAC 4.9, VSP Manager 1.0.1.017.
> My settings in V4 are similar to RMS-Express
> Full install did work ok.
>
> Greetings to All!
>
> my findings
>
> Waterfall: when starting up, the waterfall is blue. You see ongoing activities. After the first "Send" the waterfall turns black and stays that way. I would prefer the waterfall returns to the blue version. I like to see ongoing activities.
>
> Transmitting text: not always but quite often, the last few letters at the end of a message are not sent (text is marked with strokes)
>
> User files: Chosing a file and "Send" places the text in the upper right window and starts sending immediately. Why? If the file would be placed at the lower right window, it could be treated like a manually typed text and edited if necessary. Sending then can be started with "Enter" (CR).
> An even better alternative would be: leave "Send" as it is and introduce an additional "Move to Outbox" in the User File menue.
>
> Macrobuttons: Why not introduce (later?) a number of editable macrobuttons similar to other digital programs: CQ, Name, QTH etc.
> Macrobuttons are good help to get in contact and you do not have to retype the same text with every new contact. At the moment,I help myself using the feature "User Files".
>
> Abort: after pushing that menue button, the sending stops, Power SDR stops, V4 Stops. You have to restart the whole lot. I think, only the sending of the actual text should be stopped?
>
> V4 Sound card TNC: on startup the window does not place itself at the spot it has left before. The V4 Chat window does, which I prefer.
>
> 73, Arthur, HB9LAM
>

385. Re: V4 Chat 0.1.3.0 Some findings during tests

Yahoo group: V4Protocol
Date: 2010-12-09 18:43:04 UTC
From: turi8712
Topic: 308 Message: 385

Hello John N3WT

Thanks for your reply to Rick conerning the F5K waterfall.

I am interested to know your settings in
PSDR VAC Buffersitze, Sample Rate, Gain, Latency
DSP Otions NR, ANF, Buffersize Digital
AGC Slope, Max Gain, ALC
CAT Cat Control, PTT-Control
V4Chat: Radio Setup

PS: My settings are used in RMS-Express without any problems. The same settings in V4 will not work with my waterfall which is turning black after the first frame is sent. It does not return to blue again. I am not sure is it a problem on my side or one of V4.

73, Arthur, HB9LAM
--- In V4Protocol@yahoogroups.com, n3wt@... wrote:
>
>
>
> Rick,
>
> Just a little more feedback from another Â Flex 5000 user.
>
>
>
> My Â waterfall is not turning black after "send",Â waterfallÂ Â stays normal blue color and acts as expected.Â
>
>
>
> PTT is also working properly.Â
>
>
>
> Thank you for the very interesting new mode .
>
>
>
> John , N3WT
>
>
>
>
>
>
> ----- Original Message -----

> From: "Rick Muething" <rmuething@...>
> To: V4Protocol@...m
> Sent: Wednesday, December 8, 2010 2:55:43 PM
> Subject: Re: [V4Protocol] V4 Chat 0.1.3.0 Â Some findings during tests
>
>

386. Re: [V4Protocol] Re: V4 Chat 0.1.3.0 Some findings during tests

Yahoo group: V4Protocol
Date: 2010-12-09 19:04:37 UTC
From: Eddy Van de Velde
Topic: 308 Message: 386

Hello Arthur,

Same happens with me on Flex SDR-1000 with VAC 4.09 and Eltima VSPD 5.5.
I did some more tests and found that it only happens if a VAC channel is used for receive.
Not if I use an external soundcard. So, I guess it must be a VAC problem or Windows
changing soundcard settings.

73

Eddy ON5UQ

--- On Thu, 9/12/10, turi8712 <turich@...> wrote:

From: turi8712 <turich@...>
Subject: [V4Protocol] Re: V4 Chat 0.1.3.0 Some findings during tests
To: V4Protocol@yahoogroups.com
Date: Thursday, 9 December, 2010, 19:28

Hi Rick,

Thank you for your response and the great job with V4.

I did some further test concerning my waterfall.
Setup: Receive level = 70 - 80 % of green area, Status TCP and Soundcard = green, Capture =
blue WaitLeader, Playback = blue, Busy Detector = 5, Waterfall on startup = blue, moving

Menue Test:
- Two test tone: works, transmit spur visible, returns to blue again
- FEC Loop Test: works, transmit spur for 1st frame visible, after
that black, at the end of message one small blue line,
afterwards waterfall remains black. I can still hear (but not
see) adjacent PSK signals = there must be some input.
- CWID Similar to FEC Loop Test

Typing Text: "cq cq" and CR: sending starts, transmit spur for the
first (and only) frame visible, waterfall returns to blue again
"cq cq cq": same result as above
"cq cq cq cq: similar o FEC Loop test, waterfall remains black

Logs I had a look at them and can see that signals have been transmitted (Power approx. 30
watts) but being not an insider, my understanding is very limited.

PS: I have tried these tests with different settings, also on the
Flex 5K - side but with the same results.

73, Arthur, HB9LAM

387. RE: [V4Protocol] Re: V4 Chat 0.1.3.0 Some findings during tests

Yahoo group: V4Protocol
Date: 2010-12-09 19:21:27 UTC
From: Rick Muething
Topic: 308 Message: 387

That was my guess too Eddy.

While VAC is conceptually a simple "patch cable" connecting audio "ports" it is really much more complex especially if it involves sample rate or format conversion (possible within the VAC setup). When operating V4 in FEC mode (which is set for full duplex) the receive channel is never touched and should continue supplying samples even during transmission (assuming the radio is capable of supply received audio while transmitting). Maybe the Flex code or VAC prevents that with the setup. I'll have to look into it but not until I get the other major problems fixed and ARQ mode test out. Depending on your VAC setup you may have several "sound card" type devices all running at the same time.technically possible but also a significant CPU/OS load and opportunity for lots of configuration dependent problems. At this stage of V4 development the operative word is "KISS" until we get all the major known bugs squashed!

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Eddy Van de Velde
Sent: Thursday, December 09, 2010 2:05 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: V4 Chat 0.1.3.0 Some findings during tests

Hello Arthur,

Same happens with me on Flex SDR-1000 with VAC 4.09 and Eltima VSPD 5.5.

I did some more tests and found that it only happens if a VAC channel is used for receive. Not if I use an external soundcard. So, I guess it must be a VAC problem or Windows changing soundcard settings.

73

Eddy ON5UQ

--- On Thu, 9/12/10, turi8712 <turich@...> wrote:

From: turi8712 <turich@...>
Subject: [V4Protocol] Re: V4 Chat 0.1.3.0 Some findings during tests
To: V4Protocol@yahoogroups.com
Date: Thursday, 9 December, 2010, 19:28

Hi Rick,

Thank you for your response and the great job with V4.

I did some further test concerning my waterfall.
Setup: Receive level = 70 - 80 % of green area, Status TCP and Soundcard = green, Capture = blue WaitLeader, Playback = blue, Busy Detector = 5, Waterfall on startup = blue, moving

Menue Test:
- Two test tone: works, transmit spur visible, returns to blue again
- FEC Loop Test: works, transmit spur for 1st frame visible, after that black, at the end of message one small blue line, afterwards waterfall remains black. I can still hear (but not see) adjacent PSK signals = there must be some input.
- CWID Similar to FEC Loop Test

Typing Text: "cq cq" and CR: sending starts, transmit spur for the first (and only) frame visible, waterfall returns to blue again
"cq cq cq": same result as above
"cq cq cq cq: similar o FEC Loop test, waterfall remains black

Logs I had a look at them and can see that signals have been transmitted (Power approx. 30 watts) but being not an insider, my understanding is very limited.

PS: I have tried these tests with different settings, also on the Flex 5K - side but with the same results.

73, Arthur, HB9LAM

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date: 12/08/10 02:34:00

388. Using v4 Chat for the first time

Yahoo group: V4Protocol
Date: 2010-12-09 19:21:56 UTC
From: my_call_is_ac4m
Topic: 388 Message: 388

Last night was the first time I used v4 Chat on 80m , we had around 8 or 9 people to check in with us,

I think it would be nice if the software would automatically grab call signs. Maybe a way to click on one call sign if the message is meant only for them type of thing.(that became a confusion issue last night)

When a station checks in in a round table environment it would nice if the software would list all the stations automatically that they are hearing to just be able to juggle a high amount of traffic so they don't get lost in the mix and maybe have it automatically delete contacts as they are signing out if they sign out properly.

last night it seemed that one major question is everyone hearing each other type of thing. IF the software did that automatically it would show who is not hearing each other (by listing all stations signing in). But I am sure that would take some time listening before checking in though.

I did a test last night and went all the way down to my lowest wattage setting the radio will do and I think everyone was hearing me okay. The mode seemed pretty sensitive as far as I could tell but I did not have any check ins from EU on 80m either to see what 4,000 miles would be like on that mode on 80m.

I notice the mode had a hard time dealing with deep multi path moments in an 80m environment which only happened around 15% of the whole time that I was on the air in the mode.

Other than that I had a hard time training my brain that it was a chat room and not a normal type QSO If you listen for the tail end of the mode you know they are finished typing. The long tail with a blurb right at the end.

389. Listening 14.106

Yahoo group: V4Protocol
Date: 2010-12-09 19:30:59 UTC
From: Mark
Topic: 256 Message: 389

Will be listening to 14.106 for V4 contacts this afternoon -- give me a shout!

73 de WB5NMZ

390. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-09 20:18:57 UTC
From: Les Keppie
Topic: 167 Message: 390

Hi Howard and Rick
There is a problem with using the ENTER key to key the transmission process
Using this method it does not give the user the ability to control how
the text is displayed
at the receiving end - and I believe this is important
The use of the multi line buffer is fine but what I believe is required
is either TX/RX buttons
or a single TXtoggle button
This then gives the ability to immediately to start to reply as soon as
the other station
starts his/her transmission and the text then can be set out as required
with the use of the
ENTER key - then when you receive the KKK or BTU on the end of the
transmission you can
just hit the TX or Toggle button to go to TX and continue typing - if
you still need to add text - at the end of your
typing you can the hit the RX or Toggle button to close that transmission
I think I said this after my first use of the V4 software
Regards
Les VK2DSG

On 10/12/2010 2:46 AM, W6IDS wrote:
>
> Hello All,
> I need to ask something about the transmission format we're going to
> use with V4 Chat.
> IMHO, this mode is no different than PacTOR I, RTTY, PSK, ets. We
> have a VFO to use, we're not channelized. When I make a contact,
> I'm inclined to CHAT, V4 not withstanding.
> The only reason we're on a handful of frequencies is that no one knows
> where to go to get a contact. So, we tend to congregate where we're
> sure to find success. I suppose that's OK for now but IMHO it's going
> to create some bad habits in MY view. I think this is especially so
> when we get our hands on the ARQ capability.
> That said, I'm not operating V4 as a channelized operation where I'm
> sharing a frequency with time constraints. I'm typing multiple lines of
> text and thoughts, no differently than RTTY, PacTOR, PSK, etc. I'm
> not thinking of multiple contacts taking place at the same time, sharing
> a frequency. I do entertain the "breaking station" who wants to join
> an FEC communication during the pause between exchanges.
> What I will not do, is type a single line of an abbreviated thought and
> then hit ENTER to send a single line. As far as I'm concerned, that's
> not the way to communicate, so I'm presenting my thoughts here. I
> don't have an SCS modem with full duplex capability and I'm not
> interested in that at all. I have no interest in rapid first exchanges

> with multiple stations on the same frequency - it's too confusing,
> and not all that easy with manual typing. IMHO, if you want to TXT
> me, call my smart phone, not my ICOM.
> Most of you, I bet, don't know that you can type complete thoughts,
> multiple lines and not transmit until you hit ENTER. If you do, why not
> do it and take advantage of a simple "type ahead buffer" while the
> other person is sending? When your done typing and want to send
> your thoughts, type "KKK" at the end then press ENTER. Otherwise,
> I'm going to just sit there. Don't handle V4 like you're on a private
> channel.
> Hmmmm, unless you're mostly interested in signal reports, a score
> off the Constallation, location and then move on to the next conquest.
> Also, after using V4 now, it's MY opinion that we do not have to find
> ourselves a nitch to congregate so as not to interfere with anyone else.
> There is no reason at all why this mode can't co-exist with RTTY,
> PacTOR I, etc because we have VFOs and can go where we want
> so long as there's no interference.
> Regards,
> Howard W6IDS
> Richmond, IN EM79NV
>

391. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-09 20:35:55 UTC
From: Jack Swift - Swift Hardware
Topic: 167 Message: 391

how about a <ctrl>-<Spacebar> or <ctrl>-<Enter> combination to insert
a CR/LF but not transmit?

however, i don't really see a problem with sending a line-at-a-time as
long as i pick my correspondents so that i know they understand to
wait for the KKK. and perhaps i should send KKK<enter> a couple of
times quickly...

the only concern i have is that i often see olivia transmissions
without a KKK or AR - because they didn't decode properly.... if that
happens here (and fec would allow it) someone could be sitting waiting
for the turnover.

i'm not sure i'm contributing to "an answer" or just compounding the problem...

On Thu, Dec 9, 2010 at 3:18 PM, Les Keppie <leskep@...> wrote:
>
>
> Hi Howard and Rick
> There is a problem with using the ENTER key to key the transmission process Using this method it does not give the user the ability to control how the text is displayed at the receiving end - and I believe this is important The use of the multi line buffer is fine but what I believe is required is either TX/RX buttons or a single TXtoggle button This then gives the ability to immediately to start to reply as soon as the other station starts his/her transmission and the text then can be set out as required with the use of the ENTER key - then when you receive the KKK or BTU on the end of the transmission you can just hit the TX or Toggle button to go to TX and continue typing - if you still need to add text - at the end of your typing you can the hit the RX or Toggle button to close that transmission I think I said this after my first use of the V4 software
>
>
> On 10/12/2010 2:46 AM, W6IDS wrote:
> What I will not do, is type a single line of an abbreviated thought and then hit ENTER to send a single line. As far as I'm concerned, that's not the way to communicate, so I'm presenting my thoughts here. I don't have an SCS modem with full duplex capability and I'm not interested in that at all. I have no interest in rapid first exchanges with multiple stations on the same frequency - it's too confusing, and not all that easy with manual typing. IMHO, if you want to TXT me, call my smart phone, not my ICOM.
>
> Most of you, I bet, don't know that you can type complete thoughts, multiple lines and not transmit until you hit ENTER. If you do, why not do it and take advantage of a simple "type ahead buffer" while the other person is sending? When your done typing and want to send your thoughts, type "KKK" at the end then press ENTER. Otherwise, I'm going to just sit there.   Don't handle V4 like you're on a private channel.
>
> Hmmmm, unless you're mostly interested in signal reports, a score

> off the Constallation, location and then move on to the next conquest.
>
> Also, after using V4 now, it's MY opinion that we do not have to find
> ourselves a nitch to congregate so as not to interfere with anyone else.
> There is no reason at all why this mode can't co-exist with RTTY,
> PacTOR I, etc because we have VFOs and can go where we want
> so long as there's no interference.
>
> Regards,
>
> Howard W6IDS
> Richmond, IN EM79NV
>
>

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD EN57rc
^^^^^^^^^^^^^^^^^^^^^^^^

392. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-09 20:41:59 UTC
From: Les Keppie
Topic: 167 Message: 392

Jack
Regarding your statement below - not the case as at the end of the
transmission
you know it has been handed over wether or not it contains BTU or KKK
you are not sitting waiting to see if the other person is going to tx again
Les

<<<the only concern i have is that i often see olivia transmissions
without a KKK or AR - because they didn't decode properly.... if that
happens here (and fec would allow it) someone could be sitting waiting
for the turnover.>>>>

On 10/12/2010 7:35 AM, Jack Swift - Swift Hardware wrote:
>
> how about a <ctrl>-<Spacebar> or <ctrl>-<Enter> combination to insert
> a CR/LF but not transmit?
>
> however, i don't really see a problem with sending a line-at-a-time as
> long as i pick my correspondents so that i know they understand to
> wait for the KKK. and perhaps i should send KKK<enter> a couple of
> times quickly...
>
> the only concern i have is that i often see olivia transmissions
> without a KKK or AR - because they didn't decode properly.... if that
> happens here (and fec would allow it) someone could be sitting waiting
> for the turnover.
>
> i'm not sure i'm contributing to "an answer" or just compounding the
> problem...
>
> On Thu, Dec 9, 2010 at 3:18 PM, Les Keppie <leskep@...
> <mailto:leskep%40internode.on.net>> wrote:
> >
> >
> > Hi Howard and Rick
> > There is a problem with using the ENTER key to key the transmission
> process Using this method it does not give the user the ability to
> control how the text is displayed at the receiving end - and I believe
> this is important The use of the multi line buffer is fine but what I
> believe is required is either TX/RX buttons or a single TXtoggle
> button This then gives the ability to immediately to start to reply as
> soon as the other station starts his/her transmission and the text
> then can be set out as required with the use of the ENTER key - then
> when you receive the KKK or BTU on the end of the transmission you can
> just hit the TX or Toggle button to go to TX and continue typing - if

> you still need to add text - at the end of your typing you can the hit
> the RX or Toggle button to close that transmission I think I said this
> after my first use of the V4 software
> >
> >
> > On 10/12/2010 2:46 AM, W6IDS wrote:
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> that's not the way to communicate, so I'm presenting my thoughts here.
> I don't have an SCS modem with full duplex capability and I'm not
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> confusing, and not all that easy with manual typing. IMHO, if you
> want to TXT me, call my smart phone, not my ICOM.
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> > Most of you, I bet, don't know that you can type complete thoughts,
> multiple lines and not transmit until you hit ENTER. If you do, why
> not do it and take advantage of a simple "type ahead buffer" while the
> other person is sending? When your done typing and want to send your
> thoughts, type "KKK" at the end then press ENTER. Otherwise, I'm
> going to just sit there. Don't handle V4 like you're on a private
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> > Hmmmm, unless you're mostly interested in signal reports, a score
> > off the Constallation, location and then move on to the next conquest.
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> > Also, after using V4 now, it's MY opinion that we do not have to find
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> > There is no reason at all why this mode can't co-exist with RTTY,
> > PacTOR I, etc because we have VFOs and can go where we want
> > so long as there's no interference.
> >
> > Regards,
> >
> > Howard W6IDS
> > Richmond, IN EM79NV
> >
> >
>
> --
>
> vvvvvvvvvvvvvvvvvvvvvvv
> Jack Swift
> I.E. Swift Co.
> 402 Shelden Ave.
> Houghton, MI 49931
> 906-482-0530, 281-5300
> Radio: N8WAV AAR5LD EN57rc
> ^^^^^^^^^^^^^^^^^^^^^^^
>

>

393. RE: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-09 20:52:48 UTC
From: Rick Muething
Topic: 167 Message: 393

Howard,

You bring up some good points and suggestions. Let me add some thoughts of my own.

1) First we need to remember the software we are playing with is very new not yet a week into ALPHA testing. It still has bugs, learning curves, operational procedures to work out etc. That takes time and effort.

2) Remember there are TWO parts to what we are testing. The first is the actual V4 protocol and its implementation in the V4 TNC "helper" program.. That's the documented protocol of how to send the bits and how to connect/work with other stations. You can consider that similar to Pactor, Packet, RTTY, CW etc.all protocols. The second is the V4 Chat client program designed to use the V4 Virtual TNC similar to how it might use a Pactor or packet TNC. How it exchanges words, buffers, handles type ahead, <CR>, sending files, controlling radios etc are all just part of V4Chat. None of that has anything to do with the actual V4 Protocol (by design). If V4 proves to be a useful protocol (in other words works well enough in poor multipath propagation where other modes like PSK31 start to fail) then I expect there will be several other Clients made using the same V4 Virtual TNC. (As an aside this is also how WINMOR is partitioned and there are now 5 or so "clients and servers" using WINMOR. Probably a few more over the next year.)

3) Lets keep in mind V4 (at least as I conceive it) is for manual keyboard to keyboard operations (chats). We already have some good tools to move messages error free with attachments from clients to servers (RMS Express, Paclink, AirMail, BPQ32, Outpost, RMS Pactor, RMS Packet, RMS WINMOR etc). Those by their Client/Server nature will want to hang out on specific pre determined frequencies. Chats are more for impromptu QSO's, contests, perhaps some informal nets (on a scheduled frequency and time but not continuously active). There might evolve V4 "areas" on certain bands just like PSK but that is something that will happen naturally if it gets popular and adopted. No one or no mode "owns" any frequency. By keeping the bandwidth fairly small (compared to P2 and P3, MT63 and Olivia/Domino) we should be able to pack in several QSOs in some small segment of a band just as PSK31 does today.

All this takes some time to flush out so we shouldn't expect to have all the answers yet. In my mind have a few "watering hole" frequencies where we can see who's listening, call CQ etc. I don't think anyone should look at those frequencies as anything permanent. Where the users of a mode will "hang out" is something that is next to impossible to "legislate" anyway. What will be more productive at this stage now is figuring out how to make it robust (without making it dog slow of course!) and what V4Chat features and

operating practices make it fun, useful and efficient.

I think we're off to a good start for being 5 days into ALPHA testing!

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of W6IDS
Sent: Thursday, December 09, 2010 10:46 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Hello All,

I need to ask something about the transmission format we're going to

use with V4 Chat.

IMHO, this mode is no different than PacTOR I, RTTY, PSK, ets. We

have a VFO to use, we're not channelized. When I make a contact,

I'm inclined to CHAT, V4 not withstanding.

The only reason we're on a handful of frequencies is that no one knows

where to go to get a contact. So, we tend to congregate where we're

sure to find success. I suppose that's OK for now but IMHO it's going

to create some bad habits in MY view. I think this is especially so

when we get our hands on the ARQ capability.

That said, I'm not operating V4 as a channelized operation where I'm

sharing a frequency with time constraints. I'm typing multiple lines of

text and thoughts, no differently than RTTY, PacTOR, PSK, etc. I'm

not thinking of multiple contacts taking place at the same time, sharing

a frequency. I do entertain the "breaking station" who wants to join

an FEC communication during the pause between exchanges.

What I will not do, is type a single line of an abbreviated thought and

then hit ENTER to send a single line. As far as I'm concerned, that's

not the way to communicate, so I'm presenting my thoughts here. I

don't have an SCS modem with full duplex capability and I'm not interested in that at all. I have no interest in rapid first exchanges with multiple stations on the same frequency - it's too confusing, and not all that easy with manual typing. IMHO, if you want to TXT me, call my smart phone, not my ICOM.

Most of you, I bet, don't know that you can type complete thoughts, multiple lines and not transmit until you hit ENTER. If you do, why not do it and take advantage of a simple "type ahead buffer" while the other person is sending? When your done typing and want to send your thoughts, type "KKK" at the end then press ENTER. Otherwise, I'm going to just sit there. Don't handle V4 like you're on a private channel.

Hmmmm, unless you're mostly interested in signal reports, a score off the Constallation, location and then move on to the next conquest.

Also, after using V4 now, it's MY opinion that we do not have to find ourselves a nitch to congregate so as not to interfere with anyone else. There is no reason at all why this mode can't co-exist with RTTY, PacTOR I, etc because we have VFOs and can go where we want so long as there's no interference.

Regards,

Howard W6IDS

Richmond, IN EM79NV

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date: 12/08/10 02:34:00

394. Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-09 20:57:57 UTC
From: g4ilo
Topic: 167 Message: 394

I think the problem is one instinctively hits Enter to start a new line and then curses as it starts to transmit. I did that yesterday during my QSO with LA5VNA.

I'm not too fussy about the interface as I envisage integrating the TNC with my own home-brew logging program anyway and I'm guessing its main function is just to provide a way for people to test the new mode rather than compete with HRD. But I would vote for a Send button. A CQ button would be nice, too.

Julian, G4ILO

--- In V4Protocol@yahoogroups.com, Jack Swift - Swift Hardware <jswift@...> wrote:
>
> how about a <ctrl>-<Spacebar> or <ctrl>-<Enter> combination to insert
> a CR/LF but not transmit?

395. Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-09 21:05:08 UTC
From: Jack Swift - Swift Hardware
Topic: 167 Message: 395

you've hit the nail (or enter key) on the head -- and perhaps all we
need is a little 're-training' and i'll work fine naturally. in the
meantime just keep the kiddies out of earshot <G>...

On Thu, Dec 9, 2010 at 3:57 PM, g4ilo <g4ilo@...> wrote:
> I think the problem is one instinctively hits Enter to start a new line and then curses
as it starts to transmit.

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD EN57rc
^^^^^^^^^^^^^^^^^^^^^^^^

396. Re: [V4Protocol] Re: V4 Chat 0.1.3.0 Some findings during tests

Yahoo group: V4Protocol
Date: 2010-12-09 21:38:37 UTC
From: Ron Wenig
Topic: 308 Message: 396

Arthur, I have a Flex 3000 and here are my settings if it will help. These are the same settings that I use for RMS Express.

VAC Buffersize 1024, Sample Rate 96000, TX Gain 1 (I have to cut it back some from RMS Express to get to an ALC of 0, Latency 5, DSP Options NR 40, 30, 15, ANF 65, 50, 25, Buffersize 1024, AGC Slope 0, Max Gain 87, ALC 2, 10, 500, I use com0com for ptt and radio control, Radio Setup Flex Radios, USB Digital. My waterfall is always blue.

Rick, I was curious about the receive taking sample audio. While I'm transmitting a line of text will appear in the receive block, sometimes with a line through it and garbage characters. I was wondering why it is sampling my transmission and how does it know what the quality of my transmission is. From your explanation I guess it's supplying samples and if there is noise or another station I will get the line through my text. Also, I guess this proves that VAC is allowing the samples to come through.

Ron ny3j

I am interested to know your settings in
PSDR VAC Buffersitze, Sample Rate, Gain, Latency
DSP Otions NR, ANF, Buffersize Digital
AGC Slope, Max Gain, ALC
CAT Cat Control, PTT-Control
V4Chat: Radio Setup

PS: My settings are used in RMS-Express without any problems. The same settings in V4 will not work with my waterfall which is turning black after the first frame is sent. It does not return to blue again. I am not sure is it a problem on my side or one of V4.

73, Arthur, HB9LAM

On 12/9/2010 2:21 PM, Rick Muething wrote:
>
> That was my guess too Eddy.
>
> While VAC is conceptually a simple "patch cable" connecting audio
> "ports" it is really much more complex especially if it involves
> sample rate or format conversion (possible within the VAC setup). When
> operating V4 in FEC mode (which is set for full duplex) the receive
> channel is never touched and should continue supplying samples even
> during transmission (assuming the radio is capable of supply received
> audio while transmitting). Maybe the Flex code or VAC prevents that
> with the setup. I'll have to look into it but not until I get the
> other major problems fixed and ARQ mode test out. Depending on your

> VAC setup you may have several "sound card" type devices all running
> at the same time...technically possible but also a significant CPU/OS
> load and opportunity for lots of configuration dependent problems. At
> this stage of V4 development the operative word is "KISS" until we get
> all the major known bugs squashed!
>
> Rick KN6KB
>
> ---
>
> *From:*V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
> *On Behalf Of *Eddy Van de Velde
> *Sent:* Thursday, December 09, 2010 2:05 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Re: V4 Chat 0.1.3.0 Some findings during tests
>
> Hello Arthur,
>
> Same happens with me on Flex SDR-1000 with VAC 4.09 and Eltima VSPD 5.5.
>
> I did some more tests and found that it only happens if a VAC channel
> is used for receive. Not if I use an external soundcard. So, I guess
> it must be a VAC problem or Windows changing soundcard settings.
>
> 73
>
> Eddy ON5UQ
>
>
> --- On *Thu, 9/12/10, turi8712 /<turich@...>/* wrote:
>
>
> From: turi8712 <turich@...>
> Subject: [V4Protocol] Re: V4 Chat 0.1.3.0 Some findings during tests
> To: V4Protocol@yahoogroups.com
> Date: Thursday, 9 December, 2010, 19:28
>
> Hi Rick,
>
> Thank you for your response and the great job with V4.
>
> I did some further test concerning my waterfall.
> Setup: Receive level = 70 - 80 % of green area, Status TCP and
> Soundcard = green, Capture = blue WaitLeader, Playback = blue,
> Busy Detector = 5, Waterfall on startup = blue, moving
>
> Menue Test:
> - Two test tone: works, transmit spur visible, returns to blue again
> - FEC Loop Test: works, transmit spur for 1st frame visible, after
> that black, at the end of message one small blue line,

> afterwards waterfall remains black. I can still hear (but not
> see) adjacent PSK signals = there must be some input.
> - CWID Similar to FEC Loop Test
>
> Typing Text: "cq cq" and CR: sending starts, transmit spur for the
> first (and only) frame visible, waterfall returns to blue again
> "cq cq cq": same result as above
> "cq cq cq cq: similar o FEC Loop test, waterfall remains black
>
> Logs I had a look at them and can see that signals have been
> transmitted (Power approx. 30 watts) but being not an insider, my
> understanding is very limited.
>
> PS: I have tried these tests with different settings, also on the
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> 73, Arthur, HB9LAM
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> No virus found in this incoming message.
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> Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date:
> 12/08/10 02:34:00
>
>

397. RE: [V4Protocol] Re: Testing from FK8-New-Caledonia

Yahoo group: V4Protocol
Date: 2010-12-09 23:51:07 UTC
From: Rick Muething
Topic: 167 Message: 397

Les all,

I thought I was making myself clear on this. I do not at this time want to get bogged down into a never ending debate on the best, or most natural, or most flexible or . way to send text. The V4 Chat initially is just a text vehicle to verify and exercise the protocol. Sure we can make some refinements add buttons, bells, whistles etc down the road. BUT we are 5 days into alpha testing and now is NOT the time to start designing/building the camel (Horse by committee). Lets focus on getting the protocol right, solid, robust and working well (along with the ARQ which is not at all trivial) before we start trying to come up with the perfect client (From experience I doubt there is such an animal anyway!)

So inputs are fine but lets first try and get what is implemented now working reliably and understood by all. If there is something I missed or won't allow it to work I'll fix it but whether we use a <Cr> to send the text, a user defined button to send the text or a 3 key sequence to add a blank line in the text is probably not going to be productive toward the main goal at this time. The sooner the protocol is completed and optimized and the V4 TNC is fully documented the sooner everyone can start playing around with their own client and GUI.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Les Keppie
Sent: Thursday, December 09, 2010 3:19 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Testing from FK8-New-Caledonia

Hi Howard and Rick
There is a problem with using the ENTER key to key the transmission process
Using this method it does not give the user the ability to control how the text is displayed
at the receiving end - and I believe this is important
The use of the multi line buffer is fine but what I believe is required is either TX/RX buttons
or a single TXtoggle button
This then gives the ability to immediately to start to reply as soon as the other station
starts his/her transmission and the text then can be set out as required with the use of the
ENTER key - then when you receive the KKK or BTU on the end of the transmission you can

just hit the TX or Toggle button to go to TX and continue typing - if you still need to add text - at the end of your
typing you can the hit the RX or Toggle button to close that transmission
I think I said this after my first use of the V4 software
Regards
Les VK2DSG

On 10/12/2010 2:46 AM, W6IDS wrote:

Hello All,

I need to ask something about the transmission format we're going to

use with V4 Chat.

IMHO, this mode is no different than PacTOR I, RTTY, PSK, ets. We

have a VFO to use, we're not channelized. When I make a contact,

I'm inclined to CHAT, V4 not withstanding.

The only reason we're on a handful of frequencies is that no one knows

where to go to get a contact. So, we tend to congregate where we're

sure to find success. I suppose that's OK for now but IMHO it's going

to create some bad habits in MY view. I think this is especially so

when we get our hands on the ARQ capability.

That said, I'm not operating V4 as a channelized operation where I'm

sharing a frequency with time constraints. I'm typing multiple lines of

text and thoughts, no differently than RTTY, PacTOR, PSK, etc. I'm

not thinking of multiple contacts taking place at the same time, sharing

a frequency. I do entertain the "breaking station" who wants to join

an FEC communication during the pause between exchanges.

What I will not do, is type a single line of an abbreviated thought and

then hit ENTER to send a single line. As far as I'm concerned, that's

not the way to communicate, so I'm presenting my thoughts here. I

don't have an SCS modem with full duplex capability and I'm not

interested in that at all. I have no interest in rapid first exchanges

with multiple stations on the same frequency - it's too confusing,

and not all that easy with manual typing. IMHO, if you want to TXT

me, call my smart phone, not my ICOM.

Most of you, I bet, don't know that you can type complete thoughts, multiple lines and not transmit until you hit ENTER. If you do, why not do it and take advantage of a simple "type ahead buffer" while the other person is sending? When your done typing and want to send your thoughts, type "KKK" at the end then press ENTER. Otherwise, I'm going to just sit there. Don't handle V4 like you're on a private channel.

Hmmmm, unless you're mostly interested in signal reports, a score off the Constallation, location and then move on to the next conquest.

Also, after using V4 now, it's MY opinion that we do not have to find ourselves a nitch to congregate so as not to interfere with anyone else. There is no reason at all why this mode can't co-exist with RTTY, PacTOR I, etc because we have VFOs and can go where we want so long as there's no interference.

Regards,

Howard W6IDS

Richmond, IN EM79NV

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date: 12/08/10 02:34:00

398. Re: Linux Ubuntu - V4 Chat testing

Yahoo group: V4Protocol
Date: 2010-12-10 00:33:28 UTC
From: jcglt - FK8IH
Topic: 325 Message: 398

Rick,
I also tested after my last post an installation of "fldigi.exe (Windows version" on my computer booted in Linux , using "wine". Even worse result compared to what I got in the "Oracle VM VirtualBox" : I could see an "USB audio codec" in the VirtualBox setup but it did not work ; this "USB audio codec" did not show at all in "wine" !
I am not the guy you are waiting for to develop Winmor and V4 under Linux. I can "swim" easily through a Linux developped by talented people but I am totally unable to write pages of C-code, which is the kind of people you are expecting to find.
Anyway I am still very happy to have Winmor and V4 as efficient communication medium as they are, thanks to talented developers like you and others around you and this gives me the only opportunity now to boot my computer in Windows op system.
73 - FK8IH - Jean-Claude

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Jean-Claude,
>
>
>
> Thanks for that feedback. I am not surprised at all. At least for the V4
> and WINMOR code which I know very well there are many calls to the sound
> card and interaction with the sound card thread that are time critical in
> the decoding process. I seriously doubt that any of the "Virtual Box"
> solutions will work well or predictably in such demanding applications.
>
>
>
> I would like (with some serious help from a someone familiar with programs
> like mono) to develop a Linux version of V4 (and WINMOR) but it requires
> some serious effort and commitment (and of course the necessary skills).
>
> 1) Familiar enough with the VB.NET or .NET run time to be able to transfer
> or recode the critical routines in C for Linux.
>
> 2) Ability to use a mechanism in Linux to accommodate various sound "cards".
> The Windows solution is Direct X which isn't always great but it works on
> most sound cards.
>
> 3) A commitment to the project to see it through alpha and beta testing. To
> document the program thoroughly (user interface, setup and help) and to
> support the code (either source or binary) for a reasonable period of time.
>
>
>
> In the past efforts (with the Paclink client and others) it has sometimes

> been difficult to get 3) above and that is why I put it out now as a
> necessary requirement. We don't need a bunch of false starts.
>
>
>
> Those that think they can commit to the above and have some significant time
> to contribute to the effort are free (and encouraged) to contact me. We
> might want to hold off any actual coding a bit until we get the major bugs
> flushed out of the V4 protocol and V4Chat application.
>
>
>
> Rick Muething, KN6KB

399. unhandled exception

Yahoo group: V4Protocol
Date: 2010-12-10 01:18:44 UTC
From: Charles Blackburn
Topic: 399 Message: 399

Well...

We know the reports of an unhandled exception are true.... I just got it (again), but this time I cut n pasted the exception below. Again this does NOT appear in the exceptions log. And all I have done is right click and cleared the text boxes...

Charlie
Ai4ri

See the end of this message for details on invoking
just-in-time (JIT) debugging instead of this dialog box.

********** Exception Text **********
System.ArgumentOutOfRangeException: startIndex cannot be larger than length of string.
Parameter name: startIndex
at System.String.InternalSubStringWithChecks(Int32 startIndex, Int32 length, Boolean fAlwaysCopy)
at System.String.Substring(Int32 startIndex)
at V4Chat.Main.rtbSend_TextChanged1(Object sender, EventArgs e)
at System.Windows.Forms.Control.OnTextChanged(EventArgs e)
at System.Windows.Forms.TextBoxBase.OnTextChanged(EventArgs e)
at System.Windows.Forms.TextBoxBase.WmReflectCommand(Message& m)
at System.Windows.Forms.TextBoxBase.WndProc(Message& m)
at System.Windows.Forms.RichTextBox.WmReflectCommand(Message& m)
at System.Windows.Forms.RichTextBox.WndProc(Message& m)
at System.Windows.Forms.Control.ControlNativeWindow.OnMessage(Message& m)
at System.Windows.Forms.Control.ControlNativeWindow.WndProc(Message& m)
at System.Windows.Forms.NativeWindow.Callback(IntPtr hWnd, Int32 msg, IntPtr wparam, IntPtr lparam)

********** Loaded Assemblies **********
mscorlib
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.3615 (GDR.050727-3600)
CodeBase: file:///C:/WINDOWS/Microsoft.NET/Framework/v2.0.50727/mscorlib.dll
----
V4Chat
Assembly Version: 0.1.3.0
Win32 Version: 0.1.3.0
CodeBase: file:///D:/ham/V4Chat/V4Chat.exe

Microsoft.VisualBasic
Assembly Version: 8.0.0.0

```
Win32 Version: 8.0.50727.3053 (netfxsp.050727-3000)
CodeBase:
file:///C:/WINDOWS/assembly/GAC_MSIL/Microsoft.VisualBasic/8.0.0.0__b03f5f7f
11d50a3a/Microsoft.VisualBasic.dll
----------------------------------------
System
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.3614 (GDR.050727-3600)
CodeBase:
file:///C:/WINDOWS/assembly/GAC_MSIL/System/2.0.0.0__b77a5c561934e089/System
.dll
----------------------------------------
System.Windows.Forms
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
CodeBase:
file:///C:/WINDOWS/assembly/GAC_MSIL/System.Windows.Forms/2.0.0.0__b77a5c561
934e089/System.Windows.Forms.dll
----------------------------------------
System.Drawing
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
CodeBase:
file:///C:/WINDOWS/assembly/GAC_MSIL/System.Drawing/2.0.0.0__b03f5f7f11d50a3
a/System.Drawing.dll
----------------------------------------
System.Runtime.Remoting
Assembly Version: 2.0.0.0
```

400. AGC and V4

Yahoo group: V4Protocol
Date: 2010-12-10 01:43:41 UTC
From: Jon Maguire
Topic: 400 Message: 400

Does anyone have a feel for the effects of AGC on the decoding of V4? I saw a station comment that when he turned off AGC, he was able to get good copy. With AGC on, garbage. Any thoughts are greatly appreciated.

73... Jon W1MNK

401. RE: [V4Protocol] AGC and V4

Yahoo group: V4Protocol
Date: 2010-12-10 01:55:04 UTC
From: Charles Blackburn
Topic: 400 Message: 401

Yea jon that was me.

I use a ts480SAT - all factory, no mods or filters. The only thing I have done is set the dsp to 800 <-> 220Khz bandwidth to try and help with the background noise that I have to suffer from.

What Jon's saying was that. I could hear him occasionally when he was strong, I couldn't decode him and just got garbage. So I started playing around on his next over I had turned off the AGC and reset the volume output on the data jack (volume gets louder when you turn it off) and it decoded fine.

Yet when russell NC5O transmitted, same signal level with the agc on slow, good decode. Turned on the AGC to fast and bad decode, just garbage. So it seems that for the 480 and my situation at least either slow agc or no agc seems to work, but until I can get a decent antenna up (read as not using the porch frame), as they say... YMMV

Btw this was on 40m at 01:50z

Charlie
Ai4ri

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Jon Maguire
Sent: Thursday, December 09, 2010 20:44
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] AGC and V4

Does anyone have a feel for the effects of AGC on the decoding of V4? I saw a station comment that when he turned off AGC, he was able to get good copy. With AGC on, garbage. Any thoughts are greatly appreciated.

402. RE: [V4Protocol] AGC and V4

Yahoo group: V4Protocol
Date: 2010-12-10 01:58:39 UTC
From: Charles Blackburn
Topic: 400 Message: 402

Just an fyi, the contents of the chat log.

2010-12-10 01:48:50 {FEC Rcv} NC5O: Testing v

2010-12-10 01:48:54 {FEC Rcv} er 1.3.0 V4 Prot

2010-12-10 01:48:57 {FEC Rcv} ocal de NC5O EM1

2010-12-10 01:49:01 {FEC Rcv} 2 k

2010-12-10 01:49:06 {Sent} nc50 de ai4ri

2010-12-10 01:49:17 {Sent} good copy on that message here... kn

2010-12-10 01:51:23 {FEC Rcv} NC5O: ok charles

2010-12-10 01:51:26 {FEC Rcv} i'm back de nc5

2010-12-10 01:51:30 {FEC Rcv} o

2010-12-10 01:51:42 {Sent} YAY i finally get a qso on V4 lol kn

2010-12-10 01:52:15 {Rcv Txt Err} NC&
Q9

(=H`]1Ri

2010-12-10 01:52:22 {FEC Rcv} de nc5o

2010-12-10 01:53:26 {Sent} can you send that last over again? De ai4ri kn

2010-12-10 01:54:09 {FEC Rcv} NC5O: AI4RI set

2010-12-10 01:54:12 {FEC Rcv} my AGC to slow f

2010-12-10 01:54:16 {FEC Rcv} rom fast de nc5o

2010-12-10 01:54:19 {FEC Rcv}

2010-12-10 01:54:26 {FEC Rcv} NC5O: I cant tur

2010-12-10 01:54:29 {FEC Rcv} n it off

2010-12-10 01:54:37 {Sent} yup back on slow agc here now and a good
decode....

2010-12-10 01:54:52 {Sent} im thinking something with fast agc pumping...
btu kn

2010-12-10 01:55:54 {Sent} no copy then... qsb 73 ty for the first, gotta go do diaper duty lol

2010-12-10 01:55:58 {Sent} nc5od e ai4ri sksk

2010-12-10 01:57:17 {FEC Rcv} KA3LOC: CQ CQ DE

2010-12-10 01:57:20 {Rcv Txt Err} @@ KA3LOC KA3LOC

2010-12-10 01:57:34 {FEC Rcv} charles de nc5o

403. bug report received text frame

Yahoo group: V4Protocol
Date: 2010-12-10 02:18:20 UTC
From: Charles Blackburn
Topic: 403 Message: 403

Hey guys.. I don't know if it's me, but instead of new lines at the end of the text, it looks like that the text is running into each other.

For example:

*** V4 TNC TCP OK on port 8510
cq cq cq de ai4ri ai4ri ai4ri pse k
NC5O: Testing ver 1.3.0 V4 Protocal de NC5O EM12 kgot that one 100% there
nc5o de ai4ri kn

Yet obviously they were different "lines of text"

Nothing major, just bugging me heh

Charlie
Ai4ri

404. Re: AGC and V4

Yahoo group: V4Protocol
Date: 2010-12-10 02:30:19 UTC
From: aa777888athotmaildotcom
Topic: 400 Message: 404

Anecdotally I support this. My Winmor RMS has had better stat's since I changed the AGC from fast to slow.

k*b*l*0*0*q

--- In V4Protocol@yahoogroups.com, Jon Maguire <w1mnk@...> wrote:
>
> Does anyone have a feel for the effects of AGC on the decoding of V4? I
> saw a station comment that when he turned off AGC, he was able to get
> good copy. With AGC on, garbage. Any thoughts are greatly appreciated.
>
> 73... Jon W1MNK
>

405. Re: [V4Protocol] AGC and V4

Yahoo group: V4Protocol
Date: 2010-12-10 03:55:51 UTC
From: Phil Williams
Topic: 400 Message: 405

Yes, also noticed that here too Jon. I set the agc to slow and my decode rate goes up. The other thing is rf gain. I think I had it set too low for signals that are 10 over.

Philw de KA1GMN

On Dec 9, 2010 7:44 PM, "Jon Maguire" <w1mnk@...> wrote:

Does anyone have a feel for the effects of AGC on the decoding of V4? I saw a station comment that when he turned off AGC, he was able to get good copy. With AGC on, garbage. Any thoughts are greatly appreciated.

73... Jon W1MNK

406. RE: [V4Protocol] AGC and V4

Yahoo group: V4Protocol
Date: 2010-12-10 13:25:33 UTC
From: Rick Muething
Topic: 400 Message: 406

Jon, All

V4 Works on audio and wants to see audio that has a fairly constant level. Although the modulation mode is somewhat different than some of the WINMOR modes the AGC settings should be the same and make for easy operation.

Normally the best settings:

AGC Slow

NB Off

The only time turning AGC off may help is if there is strong adjacent (still in the receiver pass band but not between the V4 pass band "green lines"). Turning off the AGC will then reduce the capture effect of the adjacent signal but it might cause the interfering signal to over load the sound card. Placing a notch over the offending signal may be more productive.

The problem with turning AGC off is then you must constantly adjust the RF or audio gain to keep the sound card in some linear range (the green segment of the Rcv level). In a fading channel (very typical of multipath or NVIS) the AGC is the best vehicle for maintaining approximately constant audio levels. If you overload the sound card input all bets are off.

Decoding problems (assuming the signal is at least 0dB S/N or better) is usually the result of:

a) Off frequency (outside the green lines) operation. The capture range (+/-20 to +/-200 HZ) is set specifically to only accept signals between the green lines.

b) Audio levels outside the sound card range. The Green band in the receive level bar represents from 1/16 to 7/8 full scale on a 16 bit sound card. It may work below that (in the blue) but it will have much reduced dynamic range. Overloading the sound card (in the red) will always cause problems.

c) Something related to the computer timing or demodulation code. There is still some chance of this despite lots of testing here on the simulator and over the air. The ONLY way these problems can be identified is by careful examination of the V4TNC debug log. You have to really understand the protocol details for this. I will be happy to do this but need the following:

1. The entire V4 TNC.debug log for the date in question. The entire file as an attachment (best to send directly to rmuethingATcfl.rr.com)

2. A description of what were the conditions where
you suspect the decode had a problem. E.g. band condition, Noise level,
interference, observed results.

3. The UTC Time where the condition in 2 started to
occur. Without ACCURATE UTC time I have no way of finding it in what could
be a huge log. Sending me the log without a good UTC time pointer is just a
waste of time. I can't fish trough files hundreds of K long.

d) A sound card that has a large sample rate error. MixW has a
neat little utility program that will give a pretty good measurement (using
the PCs internal clock as a reference) of the sample rate. For V4 we would
like to see an accuracy of better than about 1000 ppm at 48000 sample rate
for receive and 12000 sample rate for playback although there is software to
help adjust for up to 4000 ppm error. For comparison after testing many
SignaLink USBs and other sound cards they tend to have error rates in the
low hundreds ppm at those specific sample rates.

As a reference: on the HF simulator I get about a 98.5% frame decode
accuracy (over a long average of 800 frames) on a CCIR Multi path poor
channel at 0 dB S/N (3 KHz noise bw). That is a signal that may move the S
meter but not much.

These are not unexpected problems and similar to what we had work through in
the early testing of WINMOR. But solutions require good debugging skills and
discipline.

73,

Rick KN6KB

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date: 12/08/10
02:34:00

407. RE: [V4Protocol] unhandled exception

Yahoo group: V4Protocol
Date: 2010-12-10 13:30:41 UTC
From: Rick Muething
Topic: 399 Message: 407

Thanks Charles,

By its very description an Unhandled exception is well."unhandled" so could never be in the exceptions log. It is the last ditch mechanism that is put in to the code that says basically. "Some exception happened where none was expected (handled) so just log the stack trace and end the program"

With this I can usually track down the area and at least put it inside what is called in .NET as a "Try Catch" structure to "handle" it and get more information about what is causing it.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Charles Blackburn
Sent: Thursday, December 09, 2010 8:19 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] unhandled exception

Well...

We know the reports of an unhandled exception are true.... I just got it (again), but this time I cut n pasted the exception below. Again this does NOT appear in the exceptions log. And all I have done is right click and cleared the text boxes...

Charlie
Ai4ri

See the end of this message for details on invoking
just-in-time (JIT) debugging instead of this dialog box.

********** Exception Text **********
System.ArgumentOutOfRangeException: startIndex cannot be larger than length of string.
Parameter name: startIndex
at System.String.InternalSubStringWithChecks(Int32 startIndex, Int32 length, Boolean fAlwaysCopy)
at System.String.Substring(Int32 startIndex)
at V4Chat.Main.rtbSend_TextChanged1(Object sender, EventArgs e)
at System.Windows.Forms.Control.OnTextChanged(EventArgs e)
at System.Windows.Forms.TextBoxBase.OnTextChanged(EventArgs e)
at System.Windows.Forms.TextBoxBase.WmReflectCommand(Message& m)
at System.Windows.Forms.TextBoxBase.WndProc(Message& m)
at System.Windows.Forms.RichTextBox.WmReflectCommand(Message& m)

```
at System.Windows.Forms.RichTextBox.WndProc(Message& m)
at System.Windows.Forms.Control.ControlNativeWindow.OnMessage(Message& m)
at System.Windows.Forms.Control.ControlNativeWindow.WndProc(Message& m)
at System.Windows.Forms.NativeWindow.Callback(IntPtr hWnd, Int32 msg,
IntPtr wparam, IntPtr lparam)

************** Loaded Assemblies **************
mscorlib
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.3615 (GDR.050727-3600)
CodeBase:
file:///C:/WINDOWS/Microsoft.NET/Framework/v2.0.50727/mscorlib.dll
<file:///C:\WINDOWS\Microsoft.NET\Framework\v2.0.50727\mscorlib.dll>
----------------------------------------
V4Chat
Assembly Version: 0.1.3.0
Win32 Version: 0.1.3.0
CodeBase: file:///D:/ham/V4Chat/V4Chat.exe
<file:///D:\ham\V4Chat\V4Chat.exe>
----------------------------------------
Microsoft.VisualBasic
Assembly Version: 8.0.0.0
Win32 Version: 8.0.50727.3053 (netfxsp.050727-3000)
CodeBase:
file:///C:/WINDOWS/assembly/GAC_MSIL/Microsoft.VisualBasic/8.0.0.0__b03f5f7f
<file:///C:\WINDOWS\assembly\GAC_MSIL\Microsoft.VisualBasic\8.0.0.0__b03f5f7
f>
11d50a3a/Microsoft.VisualBasic.dll
----------------------------------------
System
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.3614 (GDR.050727-3600)
CodeBase:
file:///C:/WINDOWS/assembly/GAC_MSIL/System/2.0.0.0__b77a5c561934e089/System
<file:///C:\WINDOWS\assembly\GAC_MSIL\System\2.0.0.0__b77a5c561934e089\Syste
m>
.dll
----------------------------------------
System.Windows.Forms
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
CodeBase:
file:///C:/WINDOWS/assembly/GAC_MSIL/System.Windows.Forms/2.0.0.0__b77a5c561
<file:///C:\WINDOWS\assembly\GAC_MSIL\System.Windows.Forms\2.0.0.0__b77a5c56
1>
934e089/System.Windows.Forms.dll
----------------------------------------
System.Drawing
Assembly Version: 2.0.0.0
Win32 Version: 2.0.50727.3053 (netfxsp.050727-3000)
```

CodeBase:
file:///C:/WINDOWS/assembly/GAC_MSIL/System.Drawing/2.0.0.0__b03f5f7f11d50a3
<file:///C:\WINDOWS\assembly\GAC_MSIL\System.Drawing\2.0.0.0__b03f5f7f11d50a
3>
a/System.Drawing.dll

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Assembly Version: 2.0.0.0

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02:34:00

408. Re: RE: [V4Protocol] AGC and V4

Yahoo group: V4Protocol
Date: 2010-12-10 13:35:13 UTC
From: Phil Williams
Topic: 400 Message: 408

Rick,

Thanks for the explanation.

Philw de KA1GMN

On Dec 10, 2010 7:26 AM, "Rick Muething" <rmuething@...> wrote:

Jon, All

V4 Works on audio and wants to see audio that has a fairly constant level. Although the modulation mode is somewhat different than some of the WINMOR modes the AGC settings should be the same and make for easy operation.

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identified is by careful examination of the V4TNC debug log. You have to really understand the protocol details for this. I will be happy to do this but need the following:

1. The entire V4 TNC.debug log for the date in question. The entire file as an attachment (best to send directly to rmuethingATcfl.rr.com)

2. A description of what were the conditions where you suspect the decode had a problem. E.g. band condition, Noise level, interference, observed results.

3. The UTC Time where the condition in 2 started to occur. Without ACCURATE UTC time I have no way of finding it in what could be a huge log. Sending me the log without a good UTC time pointer is just a waste of time… I can't fish trough files hundreds of K long.

d) A sound card that has a large sample rate error. MixW has a neat little utility program that will give a pretty good measurement (using the PCs internal clock as a reference) of the sample rate. For V4 we would like to see an accuracy of better than about 1000 ppm at 48000 sample rate for receive and 12000 sample rate for playback although there is software to help adjust for up to 4000 ppm error. For comparison after testing many SignaLink USBs and other sound cards they tend to have error rates in the low hundreds ppm at those specific sample rates.

As a reference: on the HF simulator I get about a 98.5% frame decode accuracy (over a long average of 800 frames) on a CCIR Multi path poor channel at 0 dB S/N (3 KHz noise bw). That is a signal that may move the S meter but not much.

These are not unexpected problems and similar to what we had work through in the early testing of WINMOR. But solutions require good debugging skills and discipline.

73,

Rick KN6KB

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date: 12/08/10 02:34:00

409. V4 Frequencies

Yahoo group: V4Protocol
Date: 2010-12-10 14:37:46 UTC
From: WarrenM
Topic: 333 Message: 409

I an new to this group and mode and was wondering what frequencies that the alpha testers have been using on 40m and 20m. I do not know if this was discussed before, if so I apologize in advance.

I installed it yesterday and all seems to work. I have yet to see any activity on 40 and 20 as I do not know yet where to listen. I searched all day yesterday.

If someone would tell me a frequency and time they will be on I would like to monitor to see if my setup is working.

Normally I work JT65A and Olivia modes. I am especially interested in seeing how this mode is going to work in times of emergency as I am a RACES member. After reading the specs and goals it looks to have great potential.

I am impressed with the developers (KN6JB and other) on this team as they have the skill set to pull this off.

73s,

Warren / K5WGM

410. RE: [V4Protocol] Using v4 Chat for the first time

Yahoo group: V4Protocol
Date: 2010-12-10 14:42:07 UTC
From: Rick Muething
Topic: 388 Message: 410

Thanks for the inputs. But one of the things you have to understand is there are real differences between FEC (forward error correcting ONLY) transmissions and ARQ (automatic retry request ..which usually uses FEC as well).

FEC cannot by its nature insure everyone copies. There is no feedback path from receiver to sender.

ARQ can insure error free copy since the receiver ACKs when it gets the data and the sender keeps trying until he gets an ACK.

For a net (group of users ARQ is not easy and usually not practical..Every receiver would have to ACK and it would be next to impossible to prevent collisions without dramatically killing throughput. So ARQ is usually only for two "connected" stations. the information sending station or ISS and the information receiving station or IRS.

These issues are not unique to V4 but all FEC and ARQ protocols.

Some of your ideas might be able to be incorporated but there always has to be compromises. For example in the current V4 if you enable Auto ID your call sign is tacked on to the front of the first lead frame e.g. "KN6KB:" but that adds overhead. For a single V4 frame (16 characters) that consumes say 6 of the 16 characters or over 37% . a pretty high tax. For a number of contiguous frames the overhead is of course less.

The FEC net is a tricky environment and while there may be some things that can be incorporated into the V4 protocol or V4 chat to better accommodate this I don't believe we should be focusing on these issues at this time. We are only 6 days into ALPHA testing and the most important issues now are making the protocol and its V4 TNC software as bullet proof and robust as possible. ONLY AFTER that is complete (which my best guess is perhaps 2-3 months) should we start concentrating on application detail like collecting call signs on frequency etc. This is just typical of properly engineering the protocol.

In this kind of development (Protocol and Clients using the protocol) it is absolutely essential to have a solid and proven base upon which to build and that starts with the basic protocol, its specification and its implementation. Then others can focus on the many ways that protocol can be packaged and utilized in clients and servers.

73,

Rick KN6KB

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date: 12/08/10
02:34:00

411. Re: [V4Protocol] V4 Frequencies

Yahoo group: V4Protocol
Date: 2010-12-10 14:44:34 UTC
From: Ron Wenig
Topic: 333 Message: 411

Warren, a great meeting place for other V4 people is
http://www.obriensweb.com/sked/

Depending on the time of day there are usually a lot of people there
willing to test it out with you. It's a web site dedicated to all of
the digital modes.

The next best thing is to put out a message here that you around for a
qso. Some of the frequencies I've seen are 7073 and 14073. I would qso
with you but I'm not in the shack.

73, Ron ny3j

On 12/10/2010 9:37 AM, WarrenM wrote:
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> I an new to this group and mode and was wondering what frequencies
> that the alpha testers have been using on 40m and 20m. I do not know
> if this was discussed before, if so I apologize in advance.
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> I installed it yesterday and all seems to work. I have yet to see any
> activity on 40 and 20 as I do not know yet where to listen. I searched
> all day yesterday.
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> If someone would tell me a frequency and time they will be on I would
> like to monitor to see if my setup is working.
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> Normally I work JT65A and Olivia modes. I am especially interested in
> seeing how this mode is going to work in times of emergency as I am a
> RACES member. After reading the specs and goals it looks to have great
> potential.
>
> I am impressed with the developers (KN6JB and other) on this team as
> they have the skill set to pull this off.
>
> 73s,
>
> Warren / K5WGM
>
>

412. RE: [V4Protocol] Using v4 Chat for the first time

Yahoo group: V4Protocol
Date: 2010-12-10 14:52:51 UTC
From: Warren Moxley
Topic: 388 Message: 412

"In this kind of development (Protocol and
Clients using the protocol) it is absolutely essential to have a solid and
proven base upon which to build and that starts with the basic protocol, its
specification and its implementation. Then others can focus on the many ways
that protocol can be packaged and utilized in clients and servers. "

Do you think that FLdigi will be able to add this protocol / mode in the future or do you think that V4 is too specialized like JT65 type modes are.

73s,
Warren / K5WGM

--- On Fri, 12/10/10, Rick Muething <rmuething@...> wrote:

From: Rick Muething <rmuething@...>
Subject: RE: [V4Protocol] Using v4 Chat for the first time
To: V4Protocol@yahoogroups.com
Date: Friday, December 10, 2010, 8:42 AM

Thanks for the inputs. But one of
the things you have to understand is there are real differences between FEC
(forward error correcting ONLY) transmissions and ARQ (automatic retry request ….which
usually uses FEC as well).

FEC cannot by its nature insure everyone
copies. There is no feedback path from receiver to sender.

ARQ can insure error free copy since the
receiver ACKs when it gets the data and the sender keeps trying until he gets
an ACK.

For a net (group of users ARQ is not
easy and usually not practical….Every receiver would have to ACK and it
would be next to impossible to prevent collisions without dramatically killing
throughput. So ARQ is usually only for two “connected” stations…
the information sending station or ISS and the information receiving station or
IRS.

These issues are not unique to V4 but all
FEC and ARQ protocols.

Some of your ideas might be able to be
incorporated but there always has to be compromises. For example in the current
V4 if you enable Auto ID your call sign is tacked on to the front of the first lead
frame e.g. “KN6KB:” but that adds overhead. For a single V4
frame (16 characters) that consumes say 6 of the 16 characters or over
37% … a pretty high tax. For a number of contiguous frames the

overhead is of course less.

The FEC net is a tricky environment and
while there may be some things that can be incorporated into the V4 protocol or V4 chat to better accommodate this I don’t believe we should be focusing on these issues at this time. We are only 6 days into ALPHA testing and the most important issues now are making the protocol and its V4 TNC software as bullet proof and robust as possible. ONLY AFTER that is complete (which my best guess is perhaps 2-3 months) should we start concentrating on application detail like collecting call signs on frequency etc. This is just typical of properly engineering the protocol.

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73,

Rick KN6KB

No virus found in this incoming message.

Checked by AVG - www.avg.com

Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date: 12/08/10 02:34:00

413. Re: [V4Protocol] V4 Frequencies

Yahoo group: V4Protocol
Date: 2010-12-10 18:11:44 UTC
From: Warren Moxley
Topic: 333 Message: 413

I was able to QSO with AG4QX and three others today on V4 - 14073.0.
I received all of my QSOs with no strick-thrus. I don't know if I was received that good by others but my decodes worked great. I was running 20-35 watts today.

Amazing, mode.

Good job on the software development guys.

I was wondering how this compares with Olivia or Contesta (250/8) or (250/4).

Warren / K5WGM

--- On Fri, 12/10/10, Ron Wenig <rwenig@verizon.net> wrote:

From: Ron Wenig <rwenig@...>
Subject: Re: [V4Protocol] V4 Frequencies
To: V4Protocol@yahoogroups.com
Date: Friday, December 10, 2010, 8:44 AM

Warren, a great meeting place for other V4 people is
http://www.obriensweb.com/sked/

Depending on the time of day there are usually a lot of people there willing to test it out with you. It's a web site dedicated to all of the digital modes.

The next best thing is to put out a message here that you around for a qso. Some of the frequencies I've seen are 7073 and 14073. I would qso with you but I'm not in the shack.

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On 12/10/2010 9:37 AM, WarrenM wrote:

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Normally I work JT65A and Olivia modes. I am especially interested in seeing how this mode is going to work in times of emergency as I am a RACES member. After reading

the specs and goals it looks to have great potential.

I am impressed with the developers (KN6JB and other) on this team as they have the skill set to pull this off.

73s,

Warren / K5WGM

414. RE: [V4Protocol] V4 Frequencies

Yahoo group: V4Protocol
Date: 2010-12-10 18:36:40 UTC
From: Bill Williams
Topic: 333 Message: 414

Warren,

You were strong on the exchanges we had but then just went away. I saw a partial from W4NNN calling KB0E. KB0E and I exchanged several messages and he went away and then you and I exchanged several messages and then faded away. I did see several signals on the same frequencies but they did not decode although they looked strong enough. Everything worked as expected although it is really inconvenient to have to delete what I have pre-written to change something at the beginning. These were my first two way comms.

Bill
AG4QX

From: Warren Moxley [mailto:k5wgm@...]
Sent: Friday, December 10, 2010 1:12 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 Frequencies

I was able to QSO with AG4QX and three others today on V4 - 14073.0.
I received all of my QSOs with no strick-thrus. I don't know if I was received that good by others but my decodes worked great. I was running 20-35 watts today.

Amazing, mode.

Good job on the software development guys.

I was wondering how this compares with Olivia or Contesta (250/8) or (250/4).

Warren / K5WGM

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From: Ron Wenig <rwenig@...>
Subject: Re: [V4Protocol] V4 Frequencies
To: V4Protocol@yahoogroups.com
Date: Friday, December 10, 2010, 8:44 AM

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73s,

Warren / K5WGM

415. RE: [V4Protocol] V4 Frequencies

Yahoo group: V4Protocol
Date: 2010-12-10 19:10:20 UTC
From: Warren Moxley
Topic: 333 Message: 415

Bill,

Yes, the same thing happened to me. You were there and then you weren't, like a light switch. Weird band conditions I guess.

Looks to me that not much is wrong with the software, works great for me.

This was the my first few QSOs on this mode.

Warren
K5WGM

--- On Fri, 12/10/10, Bill Williams <ag4qx@...> wrote:

From: Bill Williams <ag4qx@...>
Subject: RE: [V4Protocol] V4 Frequencies
To: V4Protocol@yahoogroups.com
Date: Friday, December 10, 2010, 12:36 PM

Warren,

You were strong on the exchanges we had but then just went
away. I saw a partial from W4NNN calling KB0E. KB0E and I exchanged
several messages and he went away and then you and I exchanged several messages
and then faded away. I did see several signals on the same frequencies but
they did not decode although they looked strong enough. Everything worked
as expected although it is really inconvenient to have to delete what I have
pre-written to change something at the beginning. These were my first two
way comms.

Bill
AG4QX

From: Warren Moxley
[mailto:k5wgm@...]
Sent: Friday, December 10, 2010 1:12
PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol]
V4 Frequencies

I was able to QSO with AG4QX and three others today on V4 -
14073.0.
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Amazing,
mode.

Good job on the software development guys.

I was
wondering how this compares with Olivia or Contesta (250/8) or
(250/4).

Warren / K5WGM

--- On Fri, 12/10/10, Ron
Wenig <rwenig@verizon.net> wrote:

From: Ron
Wenig <rwenig@...>
Subject: Re: [V4Protocol] V4
Frequencies
To: V4Protocol@yahoogroups.com
Date: Friday, December
10, 2010, 8:44 AM

Warren, a great meeting place for other V4 people is http://www.obriensweb.com/sked/

Depending on
the time of day there are usually a lot of people there willing to test
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The next best thing is to put out a message here that you
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I am impressed with the
developers (KN6JB and other) on this team as they have the skill set
to pull this off.

73s,

Warren /
K5WGM

416. Re: [V4Protocol] V4 Frequencies

Yahoo group: V4Protocol
Date: 2010-12-10 19:33:08 UTC
From: Chuck
Topic: 333 Message: 416

Hi Warren; Ours was a trying QSO to say the least...your signal was doing OK with normal QSB. But I would get a few words then a few words with the strikeouts, this kept repeating. There is a pulsing noise I am getting from someones electric fence or something and it seems to knock out copy for a few words.. So, the mode is a little sensitive to some kinds of noise I guess.. OH well. Thanks for hanging in there and doing the QSY.

73; Chuck, WA7BRL

----- Original Message -----
From: "Warren Moxley" <k5wgm@...>
To: V4Protocol@yahoogroups.com
Sent: Friday, December 10, 2010 11:10:20 AM
Subject: RE: [V4Protocol] V4 Frequencies

Bill,

Yes, the same thing happened to me. You were there and then you weren't, like a light switch. Weird band conditions I guess.

Looks to me that not much is wrong with the software, works great for me.

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Warren
K5WGM

--- On Fri, 12/10/10, Bill Williams <ag4qx@...t> wrote:

From: Bill Williams <ag4qx@...>
Subject: RE: [V4Protocol] V4 Frequencies
To: V4Protocol@yahoogroups.com
Date: Friday, December 10, 2010, 12:36 PM

Warren,

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Bill
AG4QX

From: Warren Moxley [mailto:k5wgm@...]
Sent: Friday, December 10, 2010 1:12 PM
To: V4Protocol@yahoogroups.com

Subject: Re: [V4Protocol] V4 Frequencies

I was able to QSO with AG4QX and three others today on V4 - 14073.0.
I received all of my QSOs with no strick-thrus. I don't know if I was received that good by others but my decodes worked great. I was running 20-35 watts today.

Amazing, mode.

Good job on the software development guys.

I was wondering how this compares with Olivia or Contesta (250/8) or (250/4).

Warren / K5WGM

--- On Fri, 12/10/10, Ron Wenig <rwenig@...> wrote:

From: Ron Wenig <rwenig@...>
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To: V4Protocol@yahoogroups.com
Date: Friday, December 10, 2010, 8:44 AM

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73s,

Warren / K5WGM

417. Re: [V4Protocol] V4 Frequencies

Yahoo group: V4Protocol
Date: 2010-12-10 19:44:04 UTC
From: Warren Moxley
Topic: 333 Message: 417

You are right about that. It seemed to me that someone wanted to follow us around and QRM us with PSK31. I guess I should have stopped and gone to PSK and find out what the issue was with this guy. I have never had anyone do that before.

Anyway I got ZERO strike-thrus on no one on this mode today. I either received a QSO and did not receive a QSO. Very strange indeed!

I have never had this kind of experience before. The constellation was almost perfect on everyone I received even those who were weak.

All of my QSOs were on 14.073 plus or minus 1000hz.

Does anyone know how this compares with Olivia or Contesta (250/8) or (250/4)?

Great Mode.

Warren / K5WGM

--- On Fri, 12/10/10, Chuck <wa7brl@...> wrote:

From: Chuck <wa7brl@...>
Subject: Re: [V4Protocol] V4 Frequencies
To: V4Protocol@yahoogroups.com
Date: Friday, December 10, 2010, 1:33 PM

Hi Warren; Ours was a trying QSO to say the least...your signal was doing OK with normal QSB. But I would get a few words then a few words with the strikeouts, this kept repeating. There is a pulsing noise I am getting from someones electric fence or something and it seems to knock out copy for a few words.. So, the mode is a little sensitive to some kinds of noise I guess.. OH well. Thanks for hanging in there and doing the QSY.

73; Chuck, WA7BRL

----- Original Message -----

From: "Warren Moxley" <k5wgm@...>

To: V4Protocol@yahoogroups.com

Sent: Friday, December 10, 2010 11:10:20 AM

Subject: RE: [V4Protocol] V4 Frequencies

Bill,

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Subject: RE: [V4Protocol] V4 Frequencies

To: V4Protocol@yahoogroups.com

Date: Friday, December 10, 2010, 12:36 PM

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Bill

AG4QX

From: Warren Moxley [mailto:k5wgm@...]

Sent: Friday, December 10, 2010 1:12 PM

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Subject: Re: [V4Protocol] V4 Frequencies

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Amazing, mode.

Good job on the software development guys.

I was wondering how this compares with Olivia or Contesta (250/8) or (250/4).

Warren / K5WGM

--- On Fri, 12/10/10, Ron Wenig <rwenig@...> wrote:

From: Ron Wenig <rwenig@...>

Subject: Re: [V4Protocol] V4 Frequencies

To: V4Protocol@yahoogroups.com

Date: Friday, December 10, 2010, 8:44 AM

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73s,

Warren / K5WGM

418. V4 ABORT testing V4 patch 0.1.3.0

Yahoo group: V4Protocol
Date: 2010-12-10 21:10:45 UTC
From: kd2kw
Topic: 418 Message: 418

Sorry for the typo on the version last time.

I thought I would try another operation of the ABORT menu item and came up with another strange operation. I selected ABORT before transmitting and got this strange result (I can't remember but may have been in the monitor mode as well). Here's the window information and the logs for that operation.

1) Window:
*** Manual Abort Request
cq cq de kd2kw kd2kw cq cq de kd2kw kd2kw k k
***FEC Aborted... Outbound buffer purged.
KD2KW: cq cq de

2) Debug Log for the time of operation:

2010/12/10 20:20:16.98 [0.1.3.0] New Capture State: WaitLeader
2010/12/10 20:20:28.92 [0.1.3.0] New Capture State: FrameSync
2010/12/10 20:20:29.26 [0.1.3.0] New Capture State: WaitLeader
2010/12/10 20:20:47.76 [0.1.3.0] [ParseInboundCommand]: ABORT
2010/12/10 20:20:47.76 [0.1.3.0] [SendCommand] CMD
2010/12/10 20:20:49.14 [0.1.3.0] New Capture State: FrameSync
2010/12/10 20:20:49.48 [0.1.3.0] New Capture State: WaitLeader
2010/12/10 20:20:56.57 [0.1.3.0] [V4Interface.DataToSend]: cq cq de kd2kw kd2kw cq cq de kd2kw kd2kw k k<Cr>
2010/12/10 20:20:56.62 [0.1.3.0] [SendCommand] BUFFER 37
2010/12/10 20:20:56.65 [0.1.3.0] New Playback State: TransmitFEC
2010/12/10 20:20:56.67 [0.1.3.0] [SendCommand] PTT True
2010/12/10 20:20:56.67 [0.1.3.0] [PlaySoundStream] Play: V4FSK Data FEC
2010/12/10 20:20:56.93 [0.1.3.0] New Capture State: FrameSync
2010/12/10 20:20:57.00 [0.1.3.0] New Capture State: Receiving
2010/12/10 20:20:59.70 [0.1.3.0] ABORT FEC... Outbound buffer purged.
2010/12/10 20:20:59.70 [0.1.3.0] New Playback State: Idle
2010/12/10 20:20:59.70 [0.1.3.0] [SendCommand] FAULT FEC Aborted... Outbound buffer purged.
2010/12/10 20:20:59.70 [0.1.3.0] Frame Decode: Score=89; Accumulated Frame Adjust=224
2010/12/10 20:20:59.71 [0.1.3.0] Decoded Text (OK):KD2KW: cq cq de
2010/12/10 20:20:59.71 [0.1.3.0] [V4Port.SendData]: KD2KW: cq cq de
2010/12/10 20:20:59.73 [0.1.3.0] New Capture State: WaitLeader
2010/12/10 20:21:00.51 [0.1.3.0] New Capture State: FrameSync
2010/12/10 20:21:00.85 [0.1.3.0] New Capture State: WaitLeader
2010/12/10 20:21:01.15 [0.1.3.0] New Capture State: FrameSync
2010/12/10 20:21:01.50 [0.1.3.0] New Capture State: WaitLeader
2010/12/10 20:21:01.79 [0.1.3.0] New Capture State: FrameSync
2010/12/10 20:21:02.14 [0.1.3.0] New Capture State: WaitLeader
2010/12/10 20:21:12.87 [0.1.3.0] New Capture State: FrameSync
2010/12/10 20:21:13.20 [0.1.3.0] New Capture State: WaitLeader

```
2010/12/10 20:21:27.96 [0.1.3.0] [ParseInboundCommand]: ABORT
2010/12/10 20:21:27.96 [0.1.3.0] [SendCommand] CMD
2010/12/10 20:21:33.03 [0.1.3.0] [ParseInboundCommand]: Close
2010/12/10 20:21:33.03 [0.1.3.0] [SendCommand] CMD
2010/12/10 20:21:33.76 [0.1.3.0] [StopCodec] Stop thrNotify with blnSCCapturing = False
```

3) Chat log:

```
2010/12/10 20:19:03 *** Startup of V4Chat Ver 0.1.3.0 ***
2010/12/10 20:19:08 {Info} *** V4 TNC TCP OK on port 8510
2010/12/10 20:20:03 {Sent} cq cq de kd2kw kd2kw cq cq de kd2kw kd2kw k k
2010/12/10 20:20:06 {FEC Rcv} KD2KW: cq cq de
2010/12/10 20:20:10 {FEC Rcv} kd2kw kd2kw cq c
2010/12/10 20:20:13 {FEC Rcv} q de kd2kw kd2kw
2010/12/10 20:20:17 {FEC Rcv} k k
2010/12/10 20:20:47 {Alert} *** Manual Abort Request
2010/12/10 20:20:56 {Sent} cq cq de kd2kw kd2kw cq cq de kd2kw kd2kw k k
2010/12/10 20:20:59 {Alert} ***FEC Aborted... Outbound buffer purged.
2010/12/10 20:20:59 {FEC Rcv} KD2KW: cq cq de
2010/12/10 20:21:27 {Alert} *** Manual Abort Request
```

73,
Ken
KD2KW

419. WHICH WAY TO GO

Yahoo group: V4Protocol
Date: 2010-12-10 23:59:06 UTC
From: Ed Woods WD9DVA
Topic: 419 Message: 419

We use a TS 570 with a Rigblaster into a RW 90 iat 40 feet. In ver 1010 we ran the RB and 570 in VOX. We made a few qso's. When 1020 came along I found that we could xmit w/o the 570 and the RB in VOX. Made a few QSO's. Now in 1030 with the RB and 570 in VOX we xmitt a file or do a manual the characters go out, but followed by symbols or short lines of garbage. Still in 1030 we drop the VOX in the 570 and the RB, the garbage goes awy, but we dont see anyone. Ideas? 73 Ed WD9DVA

420. Re: [V4Protocol] V4 Frequencies

Yahoo group: V4Protocol
Date: 2010-12-11 00:29:22 UTC
From: Chains Break Here
Topic: 333 Message: 420

i was watching. there was psk on both sides of you and under your signals as far as i could see it was there all the time, prob didn't see it when u check. thays 20n meters. Do not all ways hear both sides

vince ab3ko

KA3ISJ

--- On Fri, 12/10/10, Warren Moxley <k5wgm@...> wrote:

From: Warren Moxley <k5wgm@...>
Subject: Re: [V4Protocol] V4 Frequencies
To: V4Protocol@yahoogroups.com
Date: Friday, December 10, 2010, 2:44 PM

You are right about that. It seemed to me that someone wanted to follow us around and QRM us with PSK31. I guess I should have stopped and gone to PSK and find out what the issue was with this guy. I have never had anyone do that before.

Anyway I got ZERO strike-thrus on no one on this mode today. I either received a QSO and did not receive a QSO. Very strange indeed!

I have never had this kind of experience before. The constellation was almost perfect on everyone I received even those who were weak.

All of my QSOs were on 14.073 plus or minus 1000hz.

Does anyone know how this compares with Olivia or Contesta (250/8) or (250/4)?

Great Mode.

Warren / K5WGM

--- On Fri, 12/10/10, Chuck <wa7brl@...> wrote:

From: Chuck <wa7brl@...>
Subject: Re: [V4Protocol] V4 Frequencies
To: V4Protocol@yahoogroups.com
Date: Friday, December 10, 2010, 1:33 PM

Hi Warren; Ours was a trying QSO to say the least...your signal was doing OK with normal QSB. But I would get a few words then a few words with the strikeouts, this kept repeating. There is a pulsing noise I am getting from someones electric fence or something and it seems to knock out copy for a few words.. So, the mode is a little sensitive to some kinds of noise I guess.. OH well. Thanks for hanging in there and doing the QSY.

73; Chuck, WA7BRL

----- Original Message -----
From: "Warren Moxley" <k5wgm@yahoo.com>
To: V4Protocol@yahoogroups.com
Sent: Friday, December 10, 2010 11:10:20 AM
Subject: RE: [V4Protocol] V4 Frequencies

Bill,

Yes, the same thing happened to me. You were there and then you weren't, like a light switch. Weird band conditions I guess.

Looks to me that not much is wrong with the software, works great for me.

This was the my first few QSOs on this mode.

Warren
K5WGM

--- On Fri, 12/10/10, Bill Williams <ag4qx@...> wrote:

From: Bill Williams <ag4qx@...>
Subject: RE: [V4Protocol] V4 Frequencies
To: V4Protocol@yahoogroups.com
Date: Friday, December 10, 2010, 12:36 PM

Warren,

You were strong on the exchanges we had but then just went away. I saw a partial from W4NNN calling KB0E. KB0E and I exchanged several messages and he went away and then you and I exchanged several messages and then faded away. I did see several signals on the same frequencies but they did not decode although they looked strong enough. Everything worked as expected although it is really inconvenient to have to delete what I have pre-written to change something at the beginning. These were my first two way comms.

Bill
AG4QX

From: Warren Moxley [mailto:k5wgm@yahoo.com]
Sent: Friday, December 10, 2010 1:12 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 Frequencies

I was able to QSO with AG4QX and three others today on V4 - 14073.0.
I received all of my QSOs with no strick-thrus. I don't know if I was received that good by others but my decodes worked great. I was running 20-35 watts today.

Amazing, mode.

Good job on the software development guys.

I was wondering how this compares with Olivia or Contesta (250/8) or (250/4).

Warren / K5WGM

--- On Fri, 12/10/10, Ron Wenig <rwenig@...> wrote:

From: Ron Wenig <rwenig@...>
Subject: Re: [V4Protocol] V4 Frequencies
To: V4Protocol@yahoogroups.com
Date: Friday, December 10, 2010, 8:44 AM

Warren, a great meeting place for other V4 people is http://www.obriensweb.com/sked/

Depending on the time of day there are usually a lot of people there willing to test it out with you. It's a web site dedicated to all of the digital modes.

The next best thing is to put out a message here that you around for a qso. Some of the frequencies I've seen are 7073 and 14073. I would qso with you but I'm not in the shack.

73, Ron ny3j

On 12/10/2010 9:37 AM, WarrenM wrote:

I an new to this group and mode and was wondering what frequencies that the alpha testers have been using on 40m and 20m. I do not know if this was discussed before, if so I apologize in advance.

I installed it yesterday and all seems to work. I have yet to see any activity on 40 and 20 as I do not know yet where to listen. I searched all day yesterday.

If someone would tell me a frequency and time they will be on I would like to monitor to see if my setup is working.

Normally I work JT65A and Olivia modes. I am especially interested in seeing how this mode is going to work in times of emergency as I am a RACES member. After reading the specs and goals it looks to have great potential.

I am impressed with the developers (KN6JB and other) on this team as they have the skill set to pull this off.

73s,

Warren / K5WGM

421. Re: [V4Protocol] V4 Frequencies

Yahoo group: V4Protocol
Date: 2010-12-11 01:17:08 UTC
From: Warren Moxley
Topic: 333 Message: 421

Thanks for clearing that up for us Vince.

--- On Fri, 12/10/10, Chains Break Here <ka3isj@...> wrote:

From: Chains Break Here <ka3isj@yahoo.com>
Subject: Re: [V4Protocol] V4 Frequencies
To: V4Protocol@yahoogroups.com
Date: Friday, December 10, 2010, 6:29 PM

i was watching. there was psk on both sides of you and under your signals as far as i could see it was there all the time, prob didn't see it when u check. thays 20n meters. Do not all ways hear both sides

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Bill
AG4QX

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[mailto:k5wgm@...]
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To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 Frequencies

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I am impressed with the developers (KN6JB and other) on this team as they have the skill set to pull this off.

73s,

Warren / K5WGM

422. Re: [V4Protocol] bug report received text frame

Yahoo group: V4Protocol
Date: 2010-12-11 11:58:47 UTC
From: Joel Black
Topic: 403 Message: 422

Charlie,

It's not just you, I have noticed it too.

Joel, W4JBB
On 12/9/2010 8:18 PM, Charles Blackburn wrote:
> Hey guys.. I don't know if it's me, but instead of new lines at the end of
> the text, it looks like that the text is running into each other.
>
> For example:
>
> *** V4 TNC TCP OK on port 8510
> cq cq cq de ai4ri ai4ri ai4ri pse k
> NC5O: Testing ver 1.3.0 V4 Protocal de NC5O EM12 kgot that one 100% there
> nc5o de ai4ri kn
>
> Yet obviously they were different "lines of text"
>
> Nothing major, just bugging me heh
>
> Charlie
> Ai4ri
>
>
>
>
> ---
>
> Yahoo! Groups Links
>
>
>
>
>
>
> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1170 / Virus Database: 426/3306 - Release Date: 12/09/10
>
>

--
Joel

"Common sense is like deodorant...
Those who need it most don't use it."

--Unknown

423. Group memberships

Yahoo group: V4Protocol
Date: 2010-12-11 13:04:10 UTC
From: g4ilo
Topic: 423 Message: 423

Is there a problem authorizing membership of this group? A friend of mine Paul PC4T said he applied to join but has not been admitted.

http://dutchhamradio.blogspot.com/2010/12/still-nothing-heard.html

Julian, G4ILO

424. Re: [V4Protocol] Group memberships

Yahoo group: V4Protocol
Date: 2010-12-11 13:05:31 UTC
From: Andy obrien
Topic: 423 Message: 424

I also received email from a ham with the same question

On Sat, Dec 11, 2010 at 8:04 AM, g4ilo <g4ilo@...> wrote:

>
>
> Is there a problem authorizing membership of this group? A friend of mine
> Paul PC4T said he applied to join but has not been admitted.
>
> http://dutchhamradio.blogspot.com/2010/12/still-nothing-heard.html
>
> Julian, G4ILO
>
>
>

425. QRV on 7073 Khz

Yahoo group: V4Protocol
Date: 2010-12-11 13:07:26 UTC
From: kb0fx
Topic: 425 Message: 425

Listening on 7073.

426. Re: [V4Protocol] Group memberships

Yahoo group: V4Protocol
Date: 2010-12-11 14:58:55 UTC
From: Lee
Topic: 423 Message: 426

There are currently no pending requests to join the V4 Protocol group. Have your friends try it again.

73 Lee K0QED

On Sat, Dec 11, 2010 at 6:05 AM, Andy obrien <k3ukandy@...> wrote:

>
>
> I also received email from a ham with the same question
>
>
> On Sat, Dec 11, 2010 at 8:04 AM, g4ilo <g4ilo@...> wrote:
>
>>
>>
>> Is there a problem authorizing membership of this group? A friend of mine
>> Paul PC4T said he applied to join but has not been admitted.
>>
>> http://dutchhamradio.blogspot.com/2010/12/still-nothing-heard.html
>>
>> Julian, G4ILO
>>
>>
>
>

427. RE: [V4Protocol] Group memberships

Yahoo group: V4Protocol
Date: 2010-12-11 15:18:28 UTC
From: Rick Muething
Topic: 423 Message: 427

All,

I have had several other commitments the past few days..I have now approved all pending. We have over 430 in the reflector now.actually far more than needed for ALPHA testing.. I could use some help in the reflector management if anyone want to be a moderator.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Andy obrien
Sent: Saturday, December 11, 2010 8:06 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Group memberships

I also received email from a ham with the same question

On Sat, Dec 11, 2010 at 8:04 AM, g4ilo <g4ilo@...> wrote:

Is there a problem authorizing membership of this group? A friend of mine Paul PC4T said he applied to join but has not been admitted.

http://dutchhamradio.blogspot.com/2010/12/still-nothing-heard.html

Julian, G4ILO

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date: 12/10/10 14:35:00

428. Re: [V4Protocol] QRV on 7073 Khz

Yahoo group: V4Protocol
Date: 2010-12-11 15:22:51 UTC
From: Ed Woods WD9DVA
Topic: 425 Message: 428

Hi we tried at 111519-21Z maybe a weak sig. thnx 73 Ed Greenwood, IN
----- Original Message -----
From: kb0fx
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 11, 2010 13:07
Subject: [V4Protocol] QRV on 7073 Khz

Listening on 7073.

429. Success

Yahoo group: V4Protocol
Date: 2010-12-11 15:44:59 UTC
From: RobertR
Topic: 429 Message: 429

Had my 1st QSO on 7073 this morning with KB0FX. Is there a worked 1 state award? I'll mark MO off my map.

Great Job Rick

Don
KA5DON
Vancleave, MS EM50om

430. Also had success

Yahoo group: V4Protocol
Date: 2010-12-11 17:32:01 UTC
From: kb2hsh
Topic: 430 Message: 430

Happy Holidays all.

V4 looks like it could be fun...and just a few minutes ago, I had my first QSO with Bill, N9DSJ. Can't wait to see how well it works out on 160.

73 de KB2HSH

431. Re: Also had success

Yahoo group: V4Protocol
Date: 2010-12-11 17:45:50 UTC
From: n9dsj
Topic: 430 Message: 431

Thanks John,

A lot of local noise here on 40. Have intermittent decodes at times, same with N3WT (also John) - suspect it is something on my end.

Thanks again,

73, Bill N9DSJ

--- In V4Protocol@yahoogroups.com, "kb2hsh" <jmarranca@...> wrote:
>
> Happy Holidays all.
>
> V4 looks like it could be fun...and just a few minutes ago, I had my first QSO with Bill, N9DSJ. Can't wait to see how well it works out on 160.
>
> 73 de KB2HSH
>

432. Re: [V4Protocol] Group memberships

Yahoo group: V4Protocol
Date: 2010-12-11 18:04:01 UTC
From: ivor barrett
Topic: 423 Message: 432

What is the registration address for the program as the link gave me an error as per below:

Server Error in '/' Application.

The resource cannot be found. Description: HTTP 404. The resource you are looking for (or one of its dependencies) could have been removed, had its name changed, or is temporarily unavailable. Please review the following URL and make sure that it is spelled correctly.

Requested URL: /V4.aspx

From: Rick Muething <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Sat, December 11, 2010 10:18:28 AM
Subject: RE: [V4Protocol] Group memberships

All,

I have had several other commitments the past few days….I have now approved all pending. We have over 430 in the reflector now…actually far more than needed for ALPHA testing…. I could use some help in the reflector management if anyone want to be a moderator.

73,

Rick KN6KB

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http://dutchhamradio.blogspot.com/2010/12/still-nothing-heard.html

Julian, G4ILO

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date: 12/10/10
14:35:00

433. Re: [V4Protocol] AGC and V4

Yahoo group: V4Protocol
Date: 2010-12-12 03:21:35 UTC
From: Jon Maguire
Topic: 400 Message: 433

Hi Rick,

Many thanks for the explanation. It's greatly appreciated.

73... Jon W1MNK

On 12/10/2010 8:25 AM, Rick Muething wrote:
>
> Jon, All
>
> V4 Works on audio and wants to see audio that has a fairly constant
> level. Although the modulation mode is somewhat different than some of
> the WINMOR modes the AGC settings should be the same and make for easy
> operation.
>
> Normally the best settings:
>
> AGC Slow
>
> NB Off
>
> The only time turning AGC off may help is if there is strong adjacent
> (still in the receiver pass band but not between the V4 pass band
> "green lines"). Turning off the AGC will then reduce the capture
> effect of the adjacent signal but it might cause the interfering
> signal to over load the sound card. Placing a notch over the offending
> signal may be more productive.
>
> The problem with turning AGC off is then you must constantly adjust
> the RF or audio gain to keep the sound card in some linear range (the
> green segment of the Rcv level). In a fading channel (very typical of
> multipath or NVIS) the AGC is the best vehicle for maintaining
> approximately constant audio levels. If you overload the sound card
> input all bets are off.
>
> Decoding problems (assuming the signal is at least 0dB S/N or better)
> is usually the result of:
>
> a) Off frequency (outside the green lines) operation. The
> capture range (+/-20 to +/-200 HZ) is set specifically to only accept
> signals between the green lines.
>
> b) Audio levels outside the sound card range. The Green
> band in the receive level bar represents from 1/16 to 7/8 full
> scale on a 16 bit sound card. It may work below that (in the blue) but
> it will have much reduced dynamic range. Overloading the sound card

> (in the red) will always cause problems.
>
> c) Something related to the computer timing or
> demodulation code. There is still some chance of this despite lots of
> testing here on the simulator and over the air. The ONLY way these
> problems can be identified is by careful examination of the V4TNC
> debug log. You have to really understand the protocol details for
> this. I will be happy to do this but need the following:
>
> 1. The entire V4 TNC.debug log for the date
> in question. The entire file as an attachment (best to send directly
> to rmuethingATcfl.rr.com)
>
> 2. A description of what were the conditions
> where you suspect the decode had a problem. E.g. band condition,
> Noise level, interference, observed results.
>
> 3. The UTC Time where the condition in 2
> started to occur. Without ACCURATE UTC time I have no way of finding
> it in what could be a huge log. Sending me the log without a good UTC
> time pointer is just a waste of time... I can't fish trough files
> hundreds of K long.
>
> d) A sound card that has a large sample rate error. MixW
> has a neat little utility program that will give a pretty good
> measurement (using the PCs internal clock as a reference) of the
> sample rate. For V4 we would like to see an accuracy of better than
> about 1000 ppm at 48000 sample rate for receive and 12000 sample rate
> for playback although there is software to help adjust for up to 4000
> ppm error. For comparison after testing many SignaLink USBs and other
> sound cards they tend to have error rates in the low hundreds ppm at
> those specific sample rates.
>
> As a reference: on the HF simulator I get about a 98.5% frame decode
> accuracy (over a long average of 800 frames) on a CCIR Multi path poor
> channel at 0 dB S/N (3 KHz noise bw). That is a signal that may move
> the S meter but not much.
>
> These are not unexpected problems and similar to what we had work
> through in the early testing of WINMOR. But solutions require good
> debugging skills and discipline.
>
> 73,
>
>
> Rick KN6KB
>
> ---
>
> No virus found in this incoming message.

> Checked by AVG - www.avg.com
> Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date:
> 12/08/10 02:34:00
>
>

434. Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-12 16:36:17 UTC
From: Daniel V. Wolff, Jr.
Topic: 434 Message: 434

Has anyone else seen the constellation blank out? In other words, the black constellation disappears and the area filled with the same color as the program frames. This is happening here sometimes and when it is blank, I'm not able to copy any stations, even though everything in the waterfall display appears normal. As soon as the constellation reappears, I begin copying stations again. I sent a screen shot and debug logs to Rick (KN6KB) for review.

73,

Daniel V. Wolff, Jr.
DL4VCW / KA7AGN / AEM1WF (MARS)
<http://www.qsl.net/dl4vcw/> http://www.qsl.net/dl4vcw/

<http://www.qsl.net/ka7agn/> http://www.qsl.net/ka7agn/

<http://www.qsl.net/aem1wf/> http://www.qsl.net/aem1wf/

Classification: UNCLASSIFIED
Caveats: NONE

435. TNX WA4BDS TN

Yahoo group: V4Protocol
Date: 2010-12-12 20:30:56 UTC
From: Ed Woods WD9DVA
Topic: 435 Message: 435

We want to thank Roy for the QSO we had t(111533Z +) on 7073. Roy we appreciate your time and suggestions regarding my sig. With the exception of some QSB/QRM (I guess it's today thing, leave the AF lo, off if possible and start tuning), all of Roys xmission were 100% Q5. Thanks 73 Ed WD9DVA Greenwood, IN

436. Report 12 Dec 2010

Yahoo group: V4Protocol
Date: 2010-12-12 22:06:31 UTC
From: kb4wew
Topic: 436 Message: 436

First time contact. Ray WA4BDS good solid copy about 30 min conversation. Learned a lot from him on this one. Tried to do multi station adding WD9DVA did not copy good enough but might have been a little off freq because text came in garbled but the signal strength audio I could hear was good. Next contact was WA2NBT good copy.

Enjoyed working the stations.

437. Re: [V4Protocol] Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-13 03:39:25 UTC
From: SgtJLawson
Topic: 434 Message: 437

Yes I have been having that happen here to me as well but I thought that it was just me.

John Lawson
W4JML / AAR3GK (MARS)

-----Original Message-----
From: Daniel V. Wolff, Jr. <wolff.neidenbach@...>
To: V4Protocol <V4Protocol@yahoogroups.com>
Cc: w1mnk <w1mnk@...>
Sent: Sun, Dec 12, 2010 11:36 am
Subject: [V4Protocol] Constellation Blanking Out

Has anyone else seen the constellation blank out? In otherwords, the black constellation disappears and the area filled with the samecolor as the program frames. This is happening here sometimes and when it isblank, I’m not able to copy any stations, even though everything in thewaterfall display appears normal. As soon as the constellation reappears, Ibegin copying stations again. I sent a screen shot and debug logs to Rick (KN6KB)for review.

73,

Daniel V. Wolff, Jr.
DL4VCW / KA7AGN / AEM1WF (MARS)
http://www.qsl.net/dl4vcw/

http://www.qsl.net/ka7agn/

http://www.qsl.net/aem1wf/

Classification: UNCLASSIFIED
Caveats: NONE

438. Re: Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-13 07:53:21 UTC
From: Jan
Topic: 434 Message: 438

Hi Friends
What are the preferred frequency for the Protocol?
greetings from Poland

Vy73! Jan SQ9JXB

--- In V4Protocol@yahoogroups.com, SgtJLawson <sgtjlawson@...> wrote:
>
> Yes I have been having that happen here to me as well but I thought
> that it was just me.
>
> John Lawson
> W4JML / AAR3GK (MARS)
>
>
> -----Original Message-----
> From: Daniel V. Wolff, Jr. <wolff.neidenbach@...>
> To: V4Protocol <V4Protocol@yahoogroups.com>
> Cc: w1mnk <w1mnk@...>
> Sent: Sun, Dec 12, 2010 11:36 am
> Subject: [V4Protocol] Constellation Blanking Out
>
>
>
>
>
>
>
> Has anyone else seen the constellation blank out? Â In otherwords, the
> black constellation disappears and the area filled with the samecolor
> as the program frames. Â This is happening here sometimes and when it
> isblank, Iâ??m not able to copy any stations, even though everything in
> thewaterfall display appears normal. Â As soon as the constellation
> reappears, Ibegin copying stations again. Â I sent a screen shot and
> debug logs to Rick (KN6KB)for review.
> Â
>
> 73,
>
> Â
>
> Daniel V. Wolff, Jr.
> DL4VCW / KA7AGN / AEM1WF (MARS)
> http://www.qsl.net/dl4vcw/
>
> http://www.qsl.net/ka7agn/

>
> http://www.qsl.net/aem1wf/
>
> Â
>
> Classification:Â UNCLASSIFIED
> Caveats: NONE
>
> Â
>
> Â
>

439. Re: Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-13 11:04:29 UTC
From: kawayuppie
Topic: 434 Message: 439

I too have seen the constellation blanking out, however I haven't been using V4 client much. Still need to do some live QSO's.

73

André, M0JEK

440. Re: [V4Protocol] Re: Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-13 15:30:17 UTC
From: W6IDS
Topic: 434 Message: 440

Hmmm..... I don't recall Rick touching this particular thread.
I'm not sure if what I am about to describes fits your own
situation with the Constellation display. I have been seeing
this particular "issue" beginning with the initial release.

I have been seeing a strange display myself but nothing that
would appear to be "blanking out." In MY case, in most cases
when stations are transmitting, little dots tend to congregate in
the OUTER CORNERS of the quadrants. No "performance"
patterns are displayed as they are in RMS Express. This
happened this morning while observing KK8G and WA4BDS
transmissions. They both had scores of in the 90s.

Now, once in a while, I notice that there are widely dispersed
little dots that tend to sparsely fill out the Constellation window.
In a few rare instances I HAVE seen "normal" displays but that
is rare indeed.

Has anyone else experienced what I'm describing? I have not
read of any "complaints" regarding something like this. I would
be a little baffled why it would happen to one station and not
to everyone else as well. So, I thought I'd report it.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "kawayuppie" <m0jek@...>
To: <V4Protocol@yahoogroups.com>
Sent: Monday, December 13, 2010 6:04 AM
Subject: [V4Protocol] Re: Constellation Blanking Out

I too have seen the constellation blanking out, however I haven't been using
V4 client much. Still need to do some live QSO's.

73

Andr?, M0JEK

441. Line Scrolling Problem (?) in Receive

Yahoo group: V4Protocol
Date: 2010-12-13 16:01:06 UTC
From: W6IDS
Topic: 388 Message: 441

Hmmmm, wonder if I found something else to report here.

While using V4 by itself, line scrolling in Receive seems to be normal.

When I bring up Windows Mail in VISTA 64, I'm seeing the scrolling
stop. I have to click on the slider to pick up the received lines.

When I drop Windows Mail. the scrolling of lines returns to normal.

Anyone else see that?

Howard W6IDS
Richmond, IN Em79NV

442. Re: [V4Protocol] Line Scrolling Problem (?) in Receive

Yahoo group: V4Protocol
Date: 2010-12-13 16:11:53 UTC
From: Rick Muething
Topic: 388 Message: 442

Howard,

When you bring up Windows mail is it the window with “focus”? Normally only windows that have focus are what will scroll.

Rick KN6KB

From: W6IDS
Sent: Monday, December 13, 2010 11:01 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Line Scrolling Problem (?) in Receive

Hmmmm, wonder if I found something else to report here.

While using V4 by itself, line scrolling in Receive seems to be normal.

When I bring up Windows Mail in VISTA 64, I'm seeing the scrolling
stop. I have to click on the slider to pick up the received lines.

When I drop Windows Mail. the scrolling of lines returns to normal.

Anyone else see that?

Howard W6IDS
Richmond, IN Em79NV

443. Re: [V4Protocol] Re: Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-13 16:33:47 UTC
From: Eddy Van de Velde
Topic: 434 Message: 443

Hi Howard,

What I see is the constellation display blanking out after it has been covered by an other window. If for example you drag the V4 Chat window over the constellation display. Or if you open an other full screen window covering the constellation square.

The constellation display redraws after a frame has been received.

73

Eddy ON5UQ

--- On Mon, 13/12/10, W6IDS <w6ids@...> wrote:

From: W6IDS <w6ids@...>
Subject: Re: [V4Protocol] Re: Constellation Blanking Out
To: V4Protocol@yahoogroups.com
Date: Monday, 13 December, 2010, 16:30

Hmmm..... I don't recall Rick touching this particular thread.
I'm not sure if what I am about to describes fits your own
situation with the Constellation display. I have been seeing
this particular "issue" beginning with the initial release.

I have been seeing a strange display myself but nothing that
would appear to be "blanking out." In MY case, in most cases
when stations are transmitting, little dots tend to congregate in
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transmissions. They both had scores of in the 90s.

Now, once in a while, I notice that there are widely dispersed
little dots that tend to sparsely fill out the Constellation window.
In a few rare instances I HAVE seen "normal" displays but that
is rare indeed.

Has anyone else experienced what I'm describing? I have not
read of any "complaints" regarding something like this. I would
be a little baffled why it would happen to one station and not
to everyone else as well. So, I thought I'd report it.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "kawayuppie" <m0jek@...>
To: <V4Protocol@yahoogroups.com>

Sent: Monday, December 13, 2010 6:04 AM
Subject: [V4Protocol] Re: Constellation Blanking Out

I too have seen the constellation blanking out, however I haven't been using V4 client much. Still need to do some live QSO's.

73

André, M0JEK

444. Re: [V4Protocol] Re: Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-13 16:43:48 UTC
From: Ed Woods WD9DVA
Topic: 434 Message: 444

We agree with Eddy, find the same exact issue. 73 Ed WD9DVA
----- Original Message -----
From: Eddy Van de Velde
To: V4Protocol@...m
Sent: Monday, December 13, 2010 16:33
Subject: Re: [V4Protocol] Re: Constellation Blanking Out

Hi Howard,

What I see is the constellation display blanking out after it has been covered by an other window. If for example you drag the V4 Chat window over the constellation display. Or if you open an other full screen window covering the constellation square.

The constellation display redraws after a frame has been received.

73

Eddy ON5UQ

--- On Mon, 13/12/10, W6IDS <w6ids@...> wrote:

From: W6IDS <w6ids@frontier.com>
Subject: Re: [V4Protocol] Re: Constellation Blanking Out
To: V4Protocol@yahoogroups.com
Date: Monday, 13 December, 2010, 16:30

Hmmm..... I don't recall Rick touching this particular thread.
I'm not sure if what I am about to describes fits your own
situation with the Constellation display. I have been seeing
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Has anyone else experienced what I'm describing? I have not
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be a little baffled why it would happen to one station and not
to everyone else as well. So, I thought I'd report it.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "kawayuppie" <m0jek@...>
To: <V4Protocol@yahoogroups.com>
Sent: Monday, December 13, 2010 6:04 AM
Subject: [V4Protocol] Re: Constellation Blanking Out

I too have seen the constellation blanking out, however I haven't been using V4 client much. Still need to do some live QSO's.

73

André, M0JEK

445. Re: [V4Protocol] Re: Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-13 16:55:19 UTC
From: Rick Muething
Topic: 434 Message: 445

I'll fix this on the next rev with a Refresh of the panel upon a paint event.

Rick KN6KB

From: Ed Woods WD9DVA
Sent: Monday, December 13, 2010 11:43 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Constellation Blanking Out

☐

We agree with Eddy, find the same exact issue. 73 Ed WD9DVA
----- Original Message -----
From: Eddy Van de Velde
To: V4Protocol@yahoogroups.com
Sent: Monday, December 13, 2010 16:33
Subject: Re: [V4Protocol] Re: Constellation Blanking Out

Hi Howard,

What I see is the constellation display blanking out after it has been covered by an other window. If for example you drag the V4 Chat window over the constellation display. Or if you open an other full screen window covering the constellation square.

The constellation display redraws after a frame has been received.

73

Eddy ON5UQ

--- On Mon, 13/12/10, W6IDS <w6ids@...> wrote:

From: W6IDS <w6ids@...>
Subject: Re: [V4Protocol] Re: Constellation Blanking Out
To: V4Protocol@yahoogroups.com
Date: Monday, 13 December, 2010, 16:30

Hmmm..... I don't recall Rick touching this particular thread.
I'm not sure if what I am about to describes fits your own
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be a little baffled why it would happen to one station and not
to everyone else as well. So, I thought I'd report it.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "kawayuppie" <m0jek@me.com>
To: <V4Protocol@yahoogroups.com>
Sent: Monday, December 13, 2010 6:04 AM
Subject: [V4Protocol] Re: Constellation Blanking Out

I too have seen the constellation blanking out, however I haven't been using
V4 client much. Still need to do some live QSO's.

73

André, M0JEK

446. Re: [V4Protocol] Re: Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-13 17:45:23 UTC
From: W6IDS
Topic: 434 Message: 446

OK, lemme see now....I never paid much attention per se but I'm now seeing
my Constellation window totally "greyed out". I believe I've seen it berore but
did not give it a second thought as I was seeing normal ops at other times.

When my Constellation greyed out today, I don't know. I'll have to peek at
this when there's something being received, although Rick apparently does
know what's going on - he's going to fix the matter in the next release.

Howard W6IDS
Richmond, IN Em79NV
----- Original Message -----
From: Ed Woods WD9DVA
To: V4Protocol@yahoogroups.com
Sent: Monday, December 13, 2010 11:43 AM
Subject: Re: [V4Protocol] Re: Constellation Blanking Out

☐

We agree with Eddy, find the same exact issue. 73 Ed WD9DVA
----- Original Message -----
From: Eddy Van de Velde
To: V4Protocol@yahoogroups.com
Sent: Monday, December 13, 2010 16:33
Subject: Re: [V4Protocol] Re: Constellation Blanking Out

Hi Howard,

What I see is the constellation display blanking out after it has been covered by an other
window. If for example you drag the V4 Chat window over the constellation display. Or if
you open an other full screen window covering the constellation square.

The constellation display redraws after a frame has been received.

73

Eddy ON5UQ

--- On Mon, 13/12/10, W6IDS <w6ids@frontier.com> wrote:

From: W6IDS <w6ids@...>
Subject: Re: [V4Protocol] Re: Constellation Blanking Out
To: V4Protocol@yahoogroups.com
Date: Monday, 13 December, 2010, 16:30

Hmmm..... I don't recall Rick touching this particular thread.
I'm not sure if what I am about to describes fits your own
situation with the Constellation display. I have been seeing
this particular "issue" beginning with the initial release.

I have been seeing a strange display myself but nothing that
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read of any "complaints" regarding something like this. I would
be a little baffled why it would happen to one station and not
to everyone else as well. So, I thought I'd report it.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "kawayuppie" <m0jek@...>
To: <V4Protocol@yahoogroups.com>
Sent: Monday, December 13, 2010 6:04 AM
Subject: [V4Protocol] Re: Constellation Blanking Out

I too have seen the constellation blanking out, however I haven't been using
V4 client much. Still need to do some live QSO's.

73

André, M0JEK

447. Re: [V4Protocol] Re: Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-13 18:15:42 UTC
From: Rick Muething
Topic: 434 Message: 447

The constellation is currently ONLY updated When:
a.. 1) A FEC or ARQ data frame is detected and is being received. Symbols (pixels) are plotted as each symbol is received.
b.. 2) A complete constellation has been displayed for more than 3.5 seconds. It is then cleared to just the black background with red axis. This is to prevent confusion by displaying obsolete data.
I'll update this to refresh the constellation bitmap every time a repaint event it triggered (e.g. Dragging another window over the constellation)

Rick KN6KB

From: W6IDS
Sent: Monday, December 13, 2010 12:45 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Constellation Blanking Out

☐

OK, lemme see now....I never paid much attention per se but I'm now seeing
my Constellation window totally "greyed out". I believe I've seen it berore but
did not give it a second thought as I was seeing normal ops at other times.

When my Constellation greyed out today, I don't know. I'll have to peek at
this when there's something being received, although Rick apparently does
know what's going on - he's going to fix the matter in the next release.

Howard W6IDS
Richmond, IN Em79NV
----- Original Message -----
From: Ed Woods WD9DVA
To: V4Protocol@yahoogroups.com
Sent: Monday, December 13, 2010 11:43 AM
Subject: Re: [V4Protocol] Re: Constellation Blanking Out

☐
We agree with Eddy, find the same exact issue. 73 Ed WD9DVA
----- Original Message -----
From: Eddy Van de Velde
To: V4Protocol@yahoogroups.com
Sent: Monday, December 13, 2010 16:33
Subject: Re: [V4Protocol] Re: Constellation Blanking Out

Hi Howard,

What I see is the constellation display blanking out after it has been covered by an other window. If for example you drag the V4 Chat window over the constellation display. Or if you open an other full screen window covering the constellation square.

The constellation display redraws after a frame has been received.

73

Eddy ON5UQ

--- On Mon, 13/12/10, W6IDS <w6ids@...> wrote:

From: W6IDS <w6ids@...>
Subject: Re: [V4Protocol] Re: Constellation Blanking Out
To: V4Protocol@yahoogroups.com
Date: Monday, 13 December, 2010, 16:30

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to everyone else as well. So, I thought I'd report it.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "kawayuppie" <m0jek@...>
To: <V4Protocol@yahoogroups.com>
Sent: Monday, December 13, 2010 6:04 AM
Subject: [V4Protocol] Re: Constellation Blanking Out

I too have seen the constellation blanking out, however I haven't been using
V4 client much. Still need to do some live QSO's.

73

André, M0JEK

448. RE: [V4Protocol] Re: Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-13 18:58:23 UTC
From: Mel Whitten
Topic: 434 Message: 448

Rick,

Perhaps, sometime in future could a SNR on the received signal be calculated and provided to the user?

Mel, K0PFX

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Monday, December 13, 2010 10:55 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Constellation Blanking Out

I'll fix this on the next rev with a Refresh of the panel upon a paint event.

Rick KN6KB

From: Ed Woods WD9DVA <mailto:wd9dva@sbcglobal.net>

Sent: Monday, December 13, 2010 11:43 AM

To: V4Protocol@yahoogroups.com

Subject: Re: [V4Protocol] Re: Constellation Blanking Out

☐

We agree with Eddy, find the same exact issue. 73 Ed WD9DVA

----- Original Message -----

From: Eddy Van <mailto:on30digimod@yahoo.co.uk> de Velde

To: V4Protocol@yahoogroups.com

Sent: Monday, December 13, 2010 16:33

Subject: Re: [V4Protocol] Re: Constellation Blanking Out

Hi Howard,

What I see is the constellation display blanking out after it has been covered by an other window. If for example you drag the V4 Chat window over the constellation display. Or if you open an other full screen window covering the constellation square.

The constellation display redraws after a frame has been received.

73

Eddy ON5UQ

--- On Mon, 13/12/10, W6IDS <w6ids@...> wrote:

From: W6IDS <w6ids@frontier.com>
Subject: Re: [V4Protocol] Re: Constellation Blanking Out
To: V4Protocol@yahoogroups.com
Date: Monday, 13 December, 2010, 16:30

Hmmm..... I don't recall Rick touching this particular thread.
I'm not sure if what I am about to describes fits your own
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Has anyone else experienced what I'm describing? I have not
read of any "complaints" regarding something like this. I would
be a little baffled why it would happen to one station and not
to everyone else as well. So, I thought I'd report it.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "kawayuppie" <m0jek@...
<http://uk.mc266.mail.yahoo.com/mc/compose?to=m0jek%40me.com> >
To: <V4Protocol@yahoogroups.com
<http://uk.mc266.mail.yahoo.com/mc/compose?to=V4Protocol%40yahoogroups.com> >
Sent: Monday, December 13, 2010 6:04 AM
Subject: [V4Protocol] Re: Constellation Blanking Out

I too have seen the constellation blanking out, however I haven't been using
V4 client much. Still need to do some live QSO's.

73

André, M0JEK

449. Re: [V4Protocol] Re: Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-13 20:41:01 UTC
From: Rick Muething
Topic: 434 Message: 449

Mel,

It seems like it should be possible...it's related to the "tightness" of the clustering of the symbols so is in someway similar to the score. The score however tries to create and absolute range (e.g. 0 to 100). To get near 100 you need a S/N about 15-20 dB (3 KHz noise bandwidth). I'll think about it some.

73,
Rick

From: Mel Whitten
Sent: Monday, December 13, 2010 1:58 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: Constellation Blanking Out

Rick,

Perhaps, sometime in future could a SNR on the received signal be calculated and provided to the user?

Mel, K0PFX

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Monday, December 13, 2010 10:55 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Constellation Blanking Out

I'll fix this on the next rev with a Refresh of the panel upon a paint event.

Rick KN6KB

From: Ed Woods WD9DVA

Sent: Monday, December 13, 2010 11:43 AM

To: V4Protocol@yahoogroups.com

Subject: Re: [V4Protocol] Re: Constellation Blanking Out

☐

We agree with Eddy, find the same exact issue. 73 Ed WD9DVA

----- Original Message -----

From: Eddy Van de Velde

To: V4Protocol@yahoogroups.com

Sent: Monday, December 13, 2010 16:33

Subject: Re: [V4Protocol] Re: Constellation Blanking Out

Hi Howard,

What I see is the constellation display blanking out after it has been covered by an other window. If for example you drag the V4 Chat window over the constellation display. Or if you open an other full screen window covering the constellation square.

The constellation display redraws after a frame has been received.

73

Eddy ON5UQ

--- On Mon, 13/12/10, W6IDS <w6ids@...> wrote:

From: W6IDS <w6ids@...>
Subject: Re: [V4Protocol] Re: Constellation Blanking Out
To: V4Protocol@yahoogroups.com
Date: Monday, 13 December, 2010, 16:30

Hmmm..... I don't recall Rick touching this particular thread.
I'm not sure if what I am about to describes fits your own
situation with the Constellation display. I have been seeing
this particular "issue" beginning with the initial release.

I have been seeing a strange display myself but nothing that
would appear to be "blanking out." In MY case, in most cases
when stations are transmitting, little dots tend to congregate in
the OUTER CORNERS of the quadrants. No "performance"
patterns are displayed as they are in RMS Express. This
happened this morning while observing KK8G and WA4BDS
transmissions. They both had scores of in the 90s.

Now, once in a while, I notice that there are widely dispersed
little dots that tend to sparsely fill out the Constellation window.
In a few rare instances I HAVE seen "normal" displays but that
is rare indeed.

Has anyone else experienced what I'm describing? I have not
read of any "complaints" regarding something like this. I would
be a little baffled why it would happen to one station and not
to everyone else as well. So, I thought I'd report it.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "kawayuppie" <m0jek@me.com>
To: <V4Protocol@yahoogroups.com>
Sent: Monday, December 13, 2010 6:04 AM

Subject: [V4Protocol] Re: Constellation Blanking Out

I too have seen the constellation blanking out, however I haven't been using V4 client much. Still need to do some live QSO's.

73

André, M0JEK

450. Re: [V4Protocol] Re: Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-13 21:05:11 UTC
From: Phil Williams
Topic: 434 Message: 450

My experience with the constellation display has been as follows:

1. Scores of 95 or better produce a very tight pattern on the constellation display. The vector plots remain in a very small area, in each of the four quadrants.
2. Scores of less than 95. The vector plots begin to "smear". The individual vector plots tend to spread out - almost evenly filling out each quadrant. At times this smearing takes what I describe as comet w/ a tail on it. Again, any amount of smearing always drive the score down in value.

If I see smearing on received from another stations and it varies from a greater or lesser degree over the duration of the QSO, I tend to chock this up to selective fading.

If I see smearing during the xmission of my data then I suspect corruption of my TX audio (RF feedback, TX audio too hot, the usual suspects.)

I think that SNR may not be the total answer as it more of a quantitative measure while the constellation display and the accompanying score is more of a qualitative measurement. I make that case that one could have good SNR, but the signal is corrupted by selective fading, front-end overload, RF feedback and excessive TX audio.

Philw de ka1gmn

On Mon, Dec 13, 2010 at 2:41 PM, Rick Muething <rmuething@...> wrote:

>
>
> Mel,
>
> It seems like it should be possible...it's related to the "tightness" of
> the clustering of the symbols so is in someway similar to the score. The
> score however tries to create and absolute range (e.g. 0 to 100). To get
> near 100 you need a S/N about 15-20 dB (3 KHz noise bandwidth). I'll think
> about it some.
>
> 73,
> Rick
>
>
> *From:* Mel Whitten <mel@...>
> *Sent:* Monday, December 13, 2010 1:58 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* RE: [V4Protocol] Re: Constellation Blanking Out
>

>
>
> Rick,
>
> Perhaps, sometime in future could a SNR on the received signal be
> calculated and provided to the user?
>
> Mel, K0PFX
>
>
> ---
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Rick Muething
> *Sent:* Monday, December 13, 2010 10:55 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Re: Constellation Blanking Out
>
>
>
> I'll fix this on the next rev with a Refresh of the panel upon a paint
> event.
>
>
> Rick KN6KB
>
> *From:* Ed Woods WD9DVA <wd9dva@...>
>
> *Sent:* Monday, December 13, 2010 11:43 AM
>
> *To:* V4Protocol@yahoogroups.com
>
> *Subject:* Re: [V4Protocol] Re: Constellation Blanking Out
>
>
>
> □
>
> We agree with Eddy, find the same exact issue. 73 Ed WD9DVA
>
> ----- Original Message -----
>
> *From:* Eddy Van de Velde <on30digimod@...>
>
> *To:* V4Protocol@yahoogroups.com
>
> *Sent:* Monday, December 13, 2010 16:33
>
> *Subject:* Re: [V4Protocol] Re: Constellation Blanking Out

>
>
>
> Hi Howard,
>
> What I see is the constellation display blanking out after it has been
> covered by an other window. If for example you drag the V4 Chat window over
> the constellation display. Or if you open an other full screen window
> covering the constellation square.
>
> The constellation display redraws after a frame has been received.
>
> 73
>
> Eddy ON5UQ
>
>
>
> --- On *Mon, 13/12/10, W6IDS <w6ids@...>* wrote:
>
>
> From: W6IDS <w6ids@frontier.com>
> Subject: Re: [V4Protocol] Re: Constellation Blanking Out
> To: V4Protocol@yahoogroups.com
> Date: Monday, 13 December, 2010, 16:30
>
>
>
>
> Hmmm..... I don't recall Rick touching this particular thread.
> I'm not sure if what I am about to describes fits your own
> situation with the Constellation display. I have been seeing
> this particular "issue" beginning with the initial release.
>
> I have been seeing a strange display myself but nothing that
> would appear to be "blanking out." In MY case, in most cases
> when stations are transmitting, little dots tend to congregate in
> the OUTER CORNERS of the quadrants. No "performance"
> patterns are displayed as they are in RMS Express. This
> happened this morning while observing KK8G and WA4BDS
> transmissions. They both had scores of in the 90s.
>
> Now, once in a while, I notice that there are widely dispersed
> little dots that tend to sparsely fill out the Constellation window.
> In a few rare instances I HAVE seen "normal" displays but that
> is rare indeed.
>
> Has anyone else experienced what I'm describing? I have not
> read of any "complaints" regarding something like this. I would

> be a little baffled why it would happen to one station and not
> to everyone else as well. So, I thought I'd report it.
>
> Howard W6IDS
> Richmond, IN EM79NV
>
> ----- Original Message -----
> From: "kawayuppie" <m0jek@...<http://uk.mc266.mail.yahoo.com/mc/compose?to=m0jek%40me.com>
> >
> To:
<V4Protocol@yahoogroups.com<http://uk.mc266.mail.yahoo.com/mc/compose?to=V4Protocol%40yahoogroups.com>
> >
> Sent: Monday, December 13, 2010 6:04 AM
> Subject: [V4Protocol] Re: Constellation Blanking Out
>
> I too have seen the constellation blanking out, however I haven't been
> using
> V4 client much. Still need to do some live QSO's.
>
> 73
>
> André, M0JEK
>
>
>

--
Philw de KA1GMN

451. Re: [V4Protocol] Re: Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-13 21:48:14 UTC
From: Rick Muething
Topic: 434 Message: 451

Phil,

The score IS based on the Actual average calculation (across all symbols of a frame) of how close the demodulated symbols are to the four “ideal” corners. A score of 100 would be all symbols in the corners only. Selective fading will cause variations in the symbols moving them away from the corners but the FEC applied will recover the good data from some pretty badly smeared symbols.

If I do find a good way to display S/N it will be in addition to the score which is really the best indicator of decoding success. Scores above 50-60 will usually decode correctly.
73,

Rick KN6KB

452. Re: [V4Protocol] Re: Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-13 22:03:49 UTC
From: Phil Williams
Topic: 434 Message: 452

Rick,
Thanks for the explanation. in the case of FEC is there a stat the showing corrected vs uncorrected? Just wondering.

Philw de KA1GMN

On Dec 13, 2010 3:48 PM, "Rick Muething" <rmuething@...> wrote:

Phil,

The score IS based on the Actual average calculation (across all symbols of a frame) of how close the demodulated symbols are to the four “ideal” corners. A score of 100 would be all symbols in the corners only. Selective fading will cause variations in the symbols moving them away from the corners but the FEC applied will recover the good data from some pretty badly smeared symbols.

If I do find a good way to display S/N it will be in addition to the score which is really the best indicator of decoding success. Scores above 50-60 will usually decode correctly.
73,

Rick KN6KB

453. Radio remains in Transmit mode after Abort

Yahoo group: V4Protocol
Date: 2010-12-13 22:47:23 UTC
From: k0uer
Topic: 453 Message: 453

The Abort command works as designed but then holds the Radio in transmit. This occurs when sending a file from the user files or from a keyboard generated transmission in FEC. This same phenom has been noticed by three others USAF MARS members while testing on our 1400Z multimode net. So far the only choice we have found for proceeding is to shut down V4.Chat and rebooting the software.
If there has been a previous post on this I missed it.
Connie K0UER/AFA7VP

454. RE: [V4Protocol] Re: Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-13 23:55:13 UTC
From: Rick Muething
Topic: 434 Message: 454

There are stats internal to the program on that + lots of things but it's probably of little value in those cluttering up the displays. The idea of the strikethrough text is it shows exactly what was received (in many cases still readable to some degree).

Rick KN6KB

_____

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Phil Williams
Sent: Monday, December 13, 2010 5:04 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Constellation Blanking Out

Rick,
Thanks for the explanation. in the case of FEC is there a stat the showing corrected vs uncorrected? Just wondering.

Philw de KA1GMN

On Dec 13, 2010 3:48 PM, "Rick Muething" <rmuething@...> wrote:

Phil,

The score IS based on the Actual average calculation (across all symbols of a frame) of how close the demodulated symbols are to the four "ideal" corners. A score of 100 would be all symbols in the corners only. Selective fading will cause variations in the symbols moving them away from the corners but the FEC applied will recover the good data from some pretty badly smeared symbols.

If I do find a good way to display S/N it will be in addition to the score which is really the best indicator of decoding success. Scores above 50-60 will usually decode correctly.

73,

Rick KN6KB

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date: 12/12/10 14:34:00

455. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-14 02:06:00 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 455

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.1.4.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.1.4.0 Full Install

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.1.4.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

456. New Update 0.1.4.0

Yahoo group: V4Protocol
Date: 2010-12-14 02:12:04 UTC
From: Rick Muething
Topic: 453 Message: 456

All,

I have posted a new update. This should fix several reported problems and modifies the way the text is sent from the Keyboard window to what I think will be easier (though it is different...see below).

Please read below and the help on the main window page that explains the NEW operation of the keyboard text box and the Send file functions. This new send method (Ctrl<Cr>) is different than the simple <Cr> from before but I think will work better. Please try it for a while before giving feedback.

73 and good luck,

Rick KN6KB

V4 Chat Revision History

12/13/2010 0.1.4.0 Modify Keyboard entry to only send upon Ctrl<Cr>.
Modify File send to paste into Send text box. Not sent until Ctrl<Cr>
modify clear text and pointer updating SentTextPtr to avoid pointer exceptions
Two Tone Test button added to Setup menu to faclitate changing/checking Drive level.

V4 TNC Revision History

12/13/2010 0.1.4.0 Added Subroutine RefreshConstellation to be called on pnlConstellation_Paint event.
Added info msg box to display current drive level for manual two tone test from menu.
Abort mechanism fixed to clear blnAborting Flag and insure stopping sound card and PTT
Frequency change upon changing grid selection now logged to main log.

457. newbie question re ptt and ic7700

Yahoo group: V4Protocol
Date: 2010-12-14 04:30:19 UTC
From: vk3xl
Topic: 457 Message: 457

I have just installed v4 0.1.4.0 and try as I might I cannot get the ptt to work.

I use a home brew ci-v interface that works well with HRD and DM780 MMTTY, MMSSTV etc. But so far no luck with V4. I did manage to receive a couple of signals last night on 14.073 one was a G station and the other was a DL4. Lots of lightning static last night in VK3.
I have set the interface to com 8 (same as HRD) and the ptt to ci-v. I have played with all the available com port combinations in the drop down list with no success.
So are there any tips for where to start looking in the setup area.

I am using a usb to com adaptor that I use for HRD etc so believe it should work for V4, but it may be something to look into.

Thanks in advance

458. Fixed - Constellation Blanking Out

Yahoo group: V4Protocol
Date: 2010-12-14 04:57:30 UTC
From: Daniel V. Wolff, Jr.
Topic: 458 Message: 458

The problem with the constellation blanking (or graying out) appears to now be fixed with revision v4 0.1.4.0. Great job, Rick.

73,

Daniel V. Wolff, Jr.
DL4VCW / KA7AGN / AEM1WF (MARS)
<http://www.qsl.net/dl4vcw/> http://www.qsl.net/dl4vcw/

<http://www.qsl.net/ka7agn/> http://www.qsl.net/ka7agn/

<http://www.qsl.net/aem1wf/> http://www.qsl.net/aem1wf/

Classification: UNCLASSIFIED
Caveats: NONE

459. RE: [V4Protocol] newbie question re ptt and ic7700

Yahoo group: V4Protocol
Date: 2010-12-14 06:47:48 UTC
From: Dr Fred Hambrecht
Topic: 457 Message: 459

HRD works with a stereo plug because it operates in full duplex. You might try using a stereo to monaural adapter as V4 seems to like half-duplex.

73

Fred W4JLE

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of vk3xl
Sent: Monday, December 13, 2010 11:30 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] newbie question re ptt and ic7700

I have just installed v4 0.1.4.0 and try as I might I cannot get the ptt to work.

I use a home brew ci-v interface that works well with HRD and DM780 MMTTY, MMSSTV etc. But so far no luck with V4. I did manage to receive a couple of signals last night on 14.073 one was a G station and the other was a DL4. Lots of lightning static last night in VK3.
I have set the interface to com 8 (same as HRD) and the ptt to ci-v. I have played with all the available com port combinations in the drop down list with no success.
So are there any tips for where to start looking in the setup area.

I am using a usb to com adaptor that I use for HRD etc so believe it should work for V4, but it may be something to look into.

Thanks in advance

460. Re: [V4Protocol] Line Scrolling Problem (?) in Receive

Yahoo group: V4Protocol
Date: 2010-12-14 07:00:39 UTC
From: W6IDS
Topic: 388 Message: 460

OOOPS! Help me out here <GRIN>

I'm reading, or trying to, about "focus" involving
such statements like -

1.. You're returned to the main window, and the focus is the Message list which contains the messages of the selected folder.
I've never given this much thought frankly.

UH. . . . my problem is that when Windows Mail is up (like it is now for this message), the Session window
in V4 Chat will cease to scroll. Once I get out of Windows Mail, the scrolling returns to normal.

I don't think I understand the relationship between V4 Chat and Windows Mail and focus.

Howard W6IDS
Richmond, IN EM

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Monday, December 13, 2010 11:11 AM
Subject: Re: [V4Protocol] Line Scrolling Problem (?) in Receive

Howard,

When you bring up Windows mail is it the window with “focus”? Normally only windows that have focus are what will scroll.

Rick KN6KB

From: W6IDS
Sent: Monday, December 13, 2010 11:01 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Line Scrolling Problem (?) in Receive

Hmmmm, wonder if I found something else to report here.

While using V4 by itself, line scrolling in Receive seems to be normal.

When I bring up Windows Mail in VISTA 64, I'm seeing the scrolling
stop. I have to click on the slider to pick up the received lines.

When I drop Windows Mail. the scrolling of lines returns to normal.

Anyone else see that?

Howard W6IDS
Richmond, IN Em79NV

461. Re: [V4Protocol] New Update 0.1.4.0

Yahoo group: V4Protocol
Date: 2010-12-14 08:05:57 UTC
From: Jerry Johnson
Topic: 453 Message: 461

Excellent! Thank you for all your hard work.

I notice on my installation that typing more than one <cr> on a line causes the cursor to jump up one line and delete the last character on that line.

Jerry WA3WZF/AAR3HB

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Monday, December 13, 2010 9:12 PM
Subject: [V4Protocol] New Update 0.1.4.0

All,

I have posted a new update. This should fix several reported problems and modifies the way the text is sent from the Keyboard window to what I think will be easier (though it is different...see below).

Please read below and the help on the main window page that explains the NEW operation of the keyboard text box and the Send file functions. This new send method (Ctrl<Cr>) is different than the simple <Cr> from before but I think will work better. Please try it for a while before giving feedback.

73 and good luck,

Rick KN6KB

V4 Chat Revision History

12/13/2010 0.1.4.0 Modify Keyboard entry to only send upon Ctrl<Cr>.
Modify File send to paste into Send text box. Not sent until Ctrl<Cr>
modify clear text and pointer updating SentTextPtr to avoid pointer exceptions
Two Tone Test button added to Setup menu to faclitate changing/checking Drive level.

V4 TNC Revision History

12/13/2010 0.1.4.0 Added Subroutine RefreshConstellation to be called on pnlConstellation_Paint event.
Added info msg box to display current drive level for manual two tone test from menu.
Abort mechanism fixed to clear blnAborting Flag and insure stopping sound card and PTT
Frequency change upon changing grid selection now logged to main log.

462. Re: newbie question re ptt and ic7700

Yahoo group: V4Protocol
Date: 2010-12-14 09:53:30 UTC
From: vk3xl
Topic: 457 Message: 462

OK I will give it a try

--- In V4Protocol@yahoogroups.com, "Dr Fred Hambrecht" <w4jle@...> wrote:
>
> HRD works with a stereo plug because it operates in full duplex. You might
> try using a stereo to monaural adapter as V4 seems to like half-duplex.
>
> 73
>
> Fred W4JLE
>
>
>
> _____
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of vk3xl
> Sent: Monday, December 13, 2010 11:30 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] newbie question re ptt and ic7700
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>
>
>
>
>
> I have just installed v4 0.1.4.0 and try as I might I cannot get the ptt to
> work.
>
> I use a home brew ci-v interface that works well with HRD and DM780 MMTTY,
> MMSSTV etc. But so far no luck with V4. I did manage to receive a couple of
> signals last night on 14.073 one was a G station and the other was a DL4.
> Lots of lightning static last night in VK3.
> I have set the interface to com 8 (same as HRD) and the ptt to ci-v. I have
> played with all the available com port combinations in the drop down list
> with no success.
> So are there any tips for where to start looking in the setup area.
>
> I am using a usb to com adaptor that I use for HRD etc so believe it should
> work for V4, but it may be something to look into.
>
> Thanks in advance
>

463. Re: [V4Protocol] Line Scrolling Problem (?) in Receive

Yahoo group: V4Protocol
Date: 2010-12-14 12:46:55 UTC
From: Rick Muething
Topic: 388 Message: 463

Howard,

Focus is the Windows term for “the active window”. If you have several windows open only ONE can have focus and it is usually highlighted in some way (border etc....depending on OS version). If you are using Windows Mail and it has “focus” then other windows may not update visually. There are some mechanisms around this but in general an application should not grab “focus” unless the window for that application is actually clicked.

Rick

From: W6IDS
Sent: Tuesday, December 14, 2010 2:00 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Line Scrolling Problem (?) in Receive

☐

OOOPS! Help me out here <GRIN>

I'm reading, or trying to, about "focus" involving
such statements like -

1.. You're returned to the main window, and the focus is the Message list which contains the messages of the selected folder.
I've never given this much thought frankly.

UH. . . . my problem is that when Windows Mail is up (like it is now for this message), the Session window
in V4 Chat will cease to scroll. Once I get out of Windows Mail, the scrolling returns to normal.

I don't think I understand the relationship between V4 Chat and Windows Mail and focus.

Howard W6IDS
Richmond, IN EM

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Monday, December 13, 2010 11:11 AM
Subject: Re: [V4Protocol] Line Scrolling Problem (?) in Receive

Howard,

When you bring up Windows mail is it the window with “focus”? Normally only windows that have focus are what will scroll.

Rick KN6KB

From: W6IDS
Sent: Monday, December 13, 2010 11:01 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Line Scrolling Problem (?) in Receive
Hmmmm, wonder if I found something else to report here.

While using V4 by itself, line scrolling in Receive seems to be normal.

When I bring up Windows Mail in VISTA 64, I'm seeing the scrolling
stop. I have to click on the slider to pick up the received lines.

When I drop Windows Mail. the scrolling of lines returns to normal.

Anyone else see that?

Howard W6IDS
Richmond, IN Em79NV

464. Re: [V4Protocol] New Update 0.1.4.0

Yahoo group: V4Protocol
Date: 2010-12-14 13:17:47 UTC
From: Rick Muething
Topic: 453 Message: 464

Thanks Jerry,

That is definitely a bug. The logic in that part of the code is tricky (too tricky!). I'll fix on the next release.

Rick

From: Jerry Johnson
Sent: Tuesday, December 14, 2010 3:05 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New Update 0.1.4.0

Excellent! Thank you for all your hard work.

I notice on my installation that typing more than one <cr> on a line causes the cursor to jump up one line and delete the last character on that line.

Jerry WA3WZF/AAR3HB

465. Calling CQ on 18085.000 V4

Yahoo group: V4Protocol
Date: 2010-12-14 15:35:30 UTC
From: W6IDS
Topic: 388 Message: 465

At 1530Z I"m on 17085.000 calling CQ if anyone wants to try V4 CHAT.
Heard some DL signals pretty well, BTW.

Howard W6IDS
Richmond, IN EM79NV

466. Re: [V4Protocol] Line Scrolling Problem (?) in Receive

Yahoo group: V4Protocol
Date: 2010-12-14 16:11:26 UTC
From: W6IDS
Topic: 388 Message: 466

AHHH....well, you can learn something each day. I am aware of "focus" but not conciously. Now I am. NO, Windows Mail was in focus, not V4. Gotta remember that. Select what I want as active - if writing message in Win Mail, V4 isn't gong to scroll - it is not in focus. I must have sensed that because it makes sense now.

Thanks Rick.

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Tuesday, December 14, 2010 7:46 AM
Subject: Re: [V4Protocol] Line Scrolling Problem (?) in Receive

Howard,

Focus is the Windows term for “the active window”. If you have several windows open only ONE can have focus and it is usually highlighted in some way (border etc....depending on OS version). If you are using Windows Mail and it has “focus” then other windows may not update visually. There are some mechanisms around this but in general an application should not grab “focus” unless the window for that application is actually clicked.

Rick

From: W6IDS
Sent: Tuesday, December 14, 2010 2:00 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Line Scrolling Problem (?) in Receive

☐

OOOPS! Help me out here <GRIN>

I'm reading, or trying to, about "focus" involving
such statements like -

1.. You're returned to the main window, and the focus is the Message list which contains the messages of the selected folder.
I've never given this much thought frankly.

UH. . . . my problem is that when Windows Mail is up (like it is now for this message), the Session window
in V4 Chat will cease to scroll. Once I get out of Windows Mail, the scrolling returns to normal.

I don't think I understand the relationship between V4 Chat and Windows Mail and focus.

Howard W6IDS
Richmond, IN EM

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Monday, December 13, 2010 11:11 AM
Subject: Re: [V4Protocol] Line Scrolling Problem (?) in Receive

Howard,

When you bring up Windows mail is it the window with “focus”? Normally only windows that have focus are what will scroll.

Rick KN6KB

From: W6IDS
Sent: Monday, December 13, 2010 11:01 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Line Scrolling Problem (?) in Receive
Hmmmm, wonder if I found something else to report here.

While using V4 by itself, line scrolling in Receive seems to be normal.

When I bring up Windows Mail in VISTA 64, I'm seeing the scrolling
stop. I have to click on the slider to pick up the received lines.

When I drop Windows Mail. the scrolling of lines returns to normal.

Anyone else see that?

Howard W6IDS
Richmond, IN Em79NV

467. GARBAGE OUT

Yahoo group: V4Protocol
Date: 2010-12-14 16:11:57 UTC
From: Ed Woods WD9DVA
Topic: 467 Message: 467

We're having a problem with being read by other stations.
WHO ELSE IS TRYING OR IS USING A RIG BLASTER PLUS with V4. I feel I'm messing up with the interface. We copy any and all Q5 100%. HELP. Tnx Ed WD9DVA

468. Version 0.1.4.0

Yahoo group: V4Protocol
Date: 2010-12-14 16:20:32 UTC
From: ve5mu_sk
Topic: 468 Message: 468

I'm stumped!

I ad the previous version running FB with probably 8 QSOs to date

Loaded the latest version:

it will send 2 tone test and CWID, will not send text or user files. Mode set to FEC. receives OK

Actions so far:

went in and removed all files from computer and reinstalled the new version.

Rebooted the computer.
Went through set-up and ensured all was well
closed all other windows on the computer
Swore at the computer

any ideas on where I should look.... running XP

John
VE5MU

469. Re: [V4Protocol] Version 0.1.4.0

Yahoo group: V4Protocol
Date: 2010-12-14 17:30:56 UTC
From: Chuck
Topic: 468 Message: 469

Did you use <Ctrl Enter> to transmit?? My version 0.1.4.0 working fine using a Vista platform.
73;
Chuck, WA7BRL

----- Original Message -----
From: "ve5mu_sk" <jbradley@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, December 14, 2010 8:20:32 AM
Subject: [V4Protocol] Version 0.1.4.0

I'm stumped!

I ad the previous version running FB with probably 8 QSOs to date

Loaded the latest version:

it will send 2 tone test and CWID, will not send text or user files. Mode set to FEC. receives OK

Actions so far:

went in and removed all files from computer and reinstalled the new version.

Rebooted the computer.
Went through set-up and ensured all was well
closed all other windows on the computer
Swore at the computer

any ideas on where I should look.... running XP

John
VE5MU

470. version 0.1.4.0 further comments

Yahoo group: V4Protocol
Date: 2010-12-14 17:40:30 UTC
From: ve5mu_sk
Topic: 470 Message: 470

I could not get version 4 to transmit text or user files, although it would TX the test tones in both the tnc and other window, and would TX cwID.

Purged all the 0.1.4.0 files and removed the software with the control panel.Re-installed version 0.1.3.0 and all works fine. go figure. WINMOR and other programs ran fine as well.

System here is windows XP, 2.ghz processor, signalink USB, and a TS480

any ideas?

471. ARRRRRRRRRRRRRRRRGH!!

Yahoo group: V4Protocol
Date: 2010-12-14 17:50:13 UTC
From: ve5mu_sk
Topic: 471 Message: 471

Problem solved. Rick I promise to read your emails as well as looking at the new file.

CTRL-CR indeed !!! sorry for using up the bandwidth hi hi

John
VE5MU

472. COCKPIT PROBLEMS

Yahoo group: V4Protocol
Date: 2010-12-14 18:48:07 UTC
From: Ed Woods WD9DVA
Topic: 472 Message: 472

We're lost (ran out of ideas). Working stations on 7073.0 and receiving both L&C (599). Copy all their xmissions. But when I send it's all down hill, Good signal, on freq, but the receiving stations copy just pieces of my xmissions.

Here's what we have:

Computer running xp home

Interface is a RigBlaster Plkus

The rig is a Kenwood 570 into a B&W 90 at 40 feet.

We have set the RB and the Rig both in VOX.

Output abt 60 W

V 4 ver 1030

Regarding the VOX setup, we can run w/o VOX and still copy Q5. Apparently the VOX mode either on or off doesn't matter regarding the sending of data.

We use the same setup on RMS w/o any problems. It seems like the problem began going with 1030. 1010 and 1020 appeared ok.

Any ideas? Thanks 73 Ed WD9DVA

473. Re: [V4Protocol] Version 0.1.4.0

Yahoo group: V4Protocol
Date: 2010-12-14 18:57:21 UTC
From: Rick Muething
Topic: 468 Message: 473

John,
Did you:
Read the Help?
or
Read the message I sent regarding the new version?
or
Read the revision history files?

Its all there ....Now Ctrl<Cr> (Hitting Return while the Ctrl key is held down) is what sends the text in the keyboard window. PLEASE the Help and documentation take a lot of time to prepare, check, compile and include....read it before asking questions especially during this period of more rapid changes. The differences from the prior versions are highlighted by RED notes.

Rick KN6KB

From: ve5mu_sk
Sent: Tuesday, December 14, 2010 11:20 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Version 0.1.4.0

I'm stumped!

I ad the previous version running FB with probably 8 QSOs to date

Loaded the latest version:

it will send 2 tone test and CWID, will not send text or user files. Mode set to FEC. receives OK

Actions so far:

went in and removed all files from computer and reinstalled the new version.

Rebooted the computer.
Went through set-up and ensured all was well
closed all other windows on the computer
Swore at the computer

any ideas on where I should look.... running XP

John
VE5MU

474. Re: [V4Protocol] COCKPIT PROBLEMS

Yahoo group: V4Protocol
Date: 2010-12-14 19:05:02 UTC
From: Bill Engel K5DHY
Topic: 472 Message: 474

Don't know if this will help, but here is what I copied in Dallas, TX.
*** V4 TNC TCP OK on port 8510
E WD9DVA K4LLQ IKKKKKKKKKKKKKKKKk brown fox jumpQCQCQ CQCQCQ DE CQCQ CQCQCQ CQCQCQ
KKKKKKKKKKKKKKKKKKKKKKKKKKKKKKKWD9DVA: The quic dog's back.
WD9DVA WD9DVA CQCQCQ CQCQCQ CQCQKKKKKKKKKKKKKKKKKKKKKK WD9DVA: W3CET DEWD9DVA: W3CET DE
; q
n
O7~+.}N=E W8DAN K
q"[xkP8#7ZqWD9DVA: I'M STILHE 1ST PART OK AZ$D
I 5D
88WD9DVA: OK BOB Y;(E/w(c@-IO@WD9DVA: BOB SIGS GOOD PATTERNS. U COPY US DE WD9DVA K

Bill K5DHY (receive only right now)

On 12/14/2010 12:48 PM, Ed Woods WD9DVA wrote:

We’re lost (ran out of ideas). Working stations on 7073.0 and receiving both L&C (599). Copy all their xmissions. But when I send it’s all down hill, Good signal, on freq, but the receiving stations copy just pieces of my xmissions.

Here’s what we have:

Computer running xp home

Interface is a RigBlaster Plkus

The rig is a Kenwood 570 into a B&W 90 at 40 feet.

We have set the RB and the Rig both in VOX.

Output abt 60 W

V 4 ver 1030

Regarding the VOX setup, we can run w/o VOX and still copy Q5. Apparently the VOX mode either on or off doesn’t matter regarding the sending of data.

We use the same setup on RMS w/o any problems. It seems like the problem began going with 1030. 1010 and 1020 appeared ok.

Any ideas? Thanks 73 Ed WD9DVA

475. Re: [V4Protocol] COCKPIT PROBLEMS

Yahoo group: V4Protocol
Date: 2010-12-14 19:13:19 UTC
From: Ed Woods WD9DVA
Topic: 472 Message: 475

Bill many thanks for the info and your time. That was today (14 dec) around 1800Z. K4LLQ was LC for most. Then the band began to go south. Did you see any sign of RF on my end? 73 Ed WD9DVA
----- Original Message -----
From: Bill Engel K5DHY
To: V4Protocol@yahoogroups.com
Sent: Tuesday, December 14, 2010 19:05
Subject: Re: [V4Protocol] COCKPIT PROBLEMS

Don't know if this will help, but here is what I copied in Dallas, TX.
*** V4 TNC TCP OK on port 8510
E WD9DVA K4LLQ IKKKKKKKKKKKKKKKk brown fox jumpQCQCQ CQCQCQ DE CQCQ CQCQCQ CQCQCQ KKKKKKKKKKKKKKKKKKKKKKKKKKKKKKWD9DVA: The quic dog's back.
WD9DVA WD9DVA CQCQCQ CQCQCQ CQCQKKKKKKKKKKKKKKKKKKKKKK WD9DVA: W3CET DEWD9DVA: W3CET DE
; q
n
O7~+.}N=E W8DAN K
q"[xkP8#7ZqWD9DVA: I'M STILHE 1ST PART OK AZ$D
I 5D
88WD9DVA: OK BOB Y;(E/w(c@-IO@WD9DVA: BOB SIGS GOOD PATTERNS. U COPY US DE WD9DVA K

Bill K5DHY (receive only right now)

On 12/14/2010 12:48 PM, Ed Woods WD9DVA wrote:

We're lost (ran out of ideas). Working stations on 7073.0 and receiving both L&C (599). Copy all their xmissions. But when I send it's all down hill, Good signal, on freq, but the receiving stations copy just pieces of my xmissions.

Here's what we have:

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The rig is a Kenwood 570 into a B&W 90 at 40 feet.

We have set the RB and the Rig both in VOX.

Output abt 60 W

V 4 ver 1030

Regarding the VOX setup, we can run w/o VOX and still copy Q5. Apparently the VOX mode either on or off doesn't matter regarding the sending of data.

We use the same setup on RMS w/o any problems. It seems like the problem began going with 1030. 1010 and 1020 appeared ok.

Any ideas? Thanks 73 Ed WD9DVA

476. Re: [V4Protocol] COCKPIT PROBLEMS

Yahoo group: V4Protocol
Date: 2010-12-14 19:25:00 UTC
From: Bill Engel K5DHY
Topic: 472 Message: 476

I was away from the radio. Have been hearing K6KAR.

Just loaded the software this morning, but found out my Tec-Tec rig is not supported. My IC-746 is supported, but not hooked up at this time.

Bill

On 12/14/2010 1:13 PM, Ed Woods WD9DVA wrote:

Bill many thanks for the info and your time. That was today (14 dec) around 1800Z. K4LLQ was LC for most. Then the band began to go south. Did you see any sign of RF on my end? 73 Ed WD9DVA

----- Original Message -----

From: Bill Engel K5DHY

To: V4Protocol@yahoogroups.com

Sent: Tuesday, December 14, 2010 19:05

Subject: Re: [V4Protocol] COCKPIT PROBLEMS

Don't know if this will help, but here is what I copied in Dallas, TX.
*** V4 TNC TCP OK on port 8510
E WD9DVA K4LLQ IKKKKKKKKKKKKKKKk brown fox jumpQCQCQ CQCQCQ DE CQCQ CQCQCQ CQCQCQ KKKKKKKKKKKKKKKKKKKKKKKKKKKKKKWD9DVA: The quic dog's back.
WD9DVA WD9DVA CQCQCQ CQCQCQ CQCQKKKKKKKKKKKKKKKKKKKKKK WD9DVA: W3CET DEWD9DVA: W3CET DE
; q
n
O7~+.}N=E W8DAN K
q"[xkP8#7ZqWD9DVA: I'M STILHE 1ST PART OK AZ$D
I 5D
88WD9DVA: OK BOB Y;(E/w(c@-IO@WD9DVA: BOB SIGS GOOD PATTERNS. U COPY US DE WD9DVA K

Bill K5DHY (receive only right now)

On 12/14/2010 12:48 PM, Ed Woods WD9DVA wrote:

We’re lost (ran out of ideas). Working stations on 7073.0 and receiving both L&C (599). Copy all their xmissions. But when I send it’s all down hill, Good signal, on freq, but the receiving stations copy just pieces of my xmissions.

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Output abt 60 W

V 4 ver 1030

Regarding the VOX setup, we can run w/o VOX and still copy Q5. Apparently the VOX mode either on or off doesn’t matter regarding the sending of data.

We use the same setup on RMS w/o any problems. It seems like the problem began going with 1030. 1010 and 1020 appeared ok.

Any ideas? Thanks 73 Ed WD9DVA

477. Re: [V4Protocol] COCKPIT PROBLEMS

Yahoo group: V4Protocol
Date: 2010-12-14 19:26:32 UTC
From: Rick Muething
Topic: 472 Message: 477

Ed,

0.1.3.0 (please use complete and accurate numbers...there will be times when those are NOT all single digits) lengthened the leader by about 88 ms for both VOX and non VOX. This has no negative affect and will improve the decoding as already verified both with the simulator and over the air. VOX keying (Vox keying used if you have selected External for the VOX PTT Port in the radio setup menu) adds an additional 88 ms to the leader (to compensate for the leader lost due the VOX attack and key delays). VOX keying can be triggered either by the sound card interface (if so equipped ...like the SignaLink USB) or by the actual Radio VOX circuit (with VOX enabled). If you select a different keying mode you must set up the sound card interface, separate serial port, or use transmitter PTT control (some radios) as described in the help. I believe all this is working on 0.1.3.0 (I can't test every combination here).

Now for the other side to hear and decode you requires:
1) Your transmitter be modulated cleanly (no RF feedback) and not over driven (no ALC sending the two tone test).
2) You have a decent antenna/tuner etc
3) The receiving end has set their frequency and tuning range correctly (so your signal falls entirely INSIDE their green tuning lines).
4) They don't have local QRM or QRN that is compromising your signal too much.
5) They have their receive level set properly ("in the green").

Of course 3-5 are not under your control but that is the nature of digital comms.

If you are having trouble decoding or someone is having trouble decoding you...rather than guess the best thing is to turn on Debug logging (at both ends), run a test. Note the time UTC for the test. Send me the V4 TNC debug log files (not the standard log file) with some explanation of the problem and test. This works best if the debug log from BOTH ends is sent. This is the ONLY practical way to do debugging and will make much faster and better progress than 10 email exchanges guessing at what to try next.

Good Luck,

Rick KN6KB

From: Ed Woods WD9DVA
Sent: Tuesday, December 14, 2010 1:48 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] COCKPIT PROBLEMS

We're lost (ran out of ideas). Working stations on 7073.0 and receiving both L&C (599). Copy all their xmissions. But when I send it's all down hill, Good signal, on freq, but the receiving stations copy just pieces of my xmissions.

Here's what we have:

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The rig is a Kenwood 570 into a B&W 90 at 40 feet.

We have set the RB and the Rig both in VOX.

Output abt 60 W

V 4 ver 1030

Regarding the VOX setup, we can run w/o VOX and still copy Q5. Apparently the VOX mode either on or off doesn’t matter regarding the sending of data.

We use the same setup on RMS w/o any problems. It seems like the problem began going with 1030. 1010 and 1020 appeared ok.

Any ideas? Thanks 73 Ed WD9DVA

478. Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

Yahoo group: V4Protocol
Date: 2010-12-14 19:30:52 UTC
From: Chuck
Topic: 471 Message: 478

John; You were doing very well here this morning on 20 Meters, almost 100% print on you and also Deme VE7CRT on 40 Meters.... Only hitch in the system I had problems with this morning was the inability to edit a misspelled word back in a line somewhere. The correction always jumped to the end of the line.
I found it much easier now to type out a one liner of text, hit <CR> and just keep going without <CR> causing a transmit before being ready. Hopefully in the future , the <Ctrl-CR> will be linked to a "TX" button like we find in Op Modes found in FLdigi.

73;
Chuck

----- Original Message -----
From: "ve5mu_sk" <jbradley@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, December 14, 2010 9:50:13 AM
Subject: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

snipped.....

479. Re: [V4Protocol] GARBAGE OUT

Yahoo group: V4Protocol
Date: 2010-12-14 19:32:09 UTC
From: Rick Muething
Topic: 467 Message: 479

Ed,

Exactly WHAT are your settings being used for V4? Specifically the PTT keying mechanism. Follow the instructions in the troubleshooting section to make sure your drive level is correct. Make sure your PTT mechanism (could be one of the 4 possible described in the help) is set up correctly. If you can’t find the problem post your V4Chat.ini file and I will take a look at it.

Rick KN6KB

From: Ed Woods WD9DVA
Sent: Tuesday, December 14, 2010 11:11 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] GARBAGE OUT

We're having a problem with being read by other stations.
WHO ELSE IS TRYING OR IS USING A RIG BLASTER PLUS with V4. I feel I'm messing up with the interface. We copy any and all Q5 100%. HELP. Tnx Ed WD9DVA

480. Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

Yahoo group: V4Protocol
Date: 2010-12-14 19:37:24 UTC
From: Rick Muething
Topic: 471 Message: 480

Chuck,
Update to 0.1.4.0 Ctrl<Cr> now sends the data. a regular <Cr> just adds a return into the text.
Also you cannot edit data already sent. Once it is sent it is sent and the keyboard entry box will NOT let you go back into that section of text to edit. Version 0.1.4.0 will let you go back and edit anything after the last Ctrl<Cr>. Please read the help on the new version for complete description.

Rick KN6KB

From: Chuck
Sent: Tuesday, December 14, 2010 2:30 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

John; You were doing very well here this morning on 20 Meters, almost 100% print on you and also Deme VE7CRT on 40 Meters.... Only hitch in the system I had problems with this morning was the inability to edit a misspelled word back in a line somewhere. The correction always jumped to the end of the line.
I found it much easier now to type out a one liner of text, hit <CR> and just keep going without <CR> causing a transmit before being ready. Hopefully in the future , the <Ctrl-CR> will be linked to a "TX" button like we find in Op Modes found in FLdigi.

73;
Chuck

----- Original Message -----
From: "ve5mu_sk" <mailto:jbradley%40sasktel.net>
To: mailto:V4Protocol%40yahoogroups.com
Sent: Tuesday, December 14, 2010 9:50:13 AM
Subject: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

snipped.....

481. Re: [V4Protocol] COCKPIT PROBLEMS

Yahoo group: V4Protocol
Date: 2010-12-14 19:44:05 UTC
From: Ed Woods WD9DVA
Topic: 472 Message: 481

Rick many thanks. I've made some changes in the RB which it appear to help. If I see that it is helpful, we'll pass the word. 73 Ed
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Tuesday, December 14, 2010 19:26
Subject: Re: [V4Protocol] COCKPIT PROBLEMS

Ed,

0.1.3.0 (please use complete and accurate numbers...there will be times when those are NOT all single digits) lengthened the leader by about 88 ms for both VOX and non VOX. This has no negative affect and will improve the decoding as already verified both with the simulator and over the air. VOX keying (Vox keying used if you have selected External for the VOX PTT Port in the radio setup menu) adds an additional 88 ms to the leader (to compensate for the leader lost due the VOX attack and key delays). VOX keying can be triggered either by the sound card interface (if so equipped ...like the SignaLink USB) or by the actual Radio VOX circuit (with VOX enabled). If you select a different keying mode you must set up the sound card interface, separate serial port, or use transmitter PTT control (some radios) as described in the help. I believe all this is working on 0.1.3.0 (I can’t test every combination here).

Now for the other side to hear and decode you requires:
1) Your transmitter be modulated cleanly (no RF feedback) and not over driven (no ALC sending the two tone test).
2) You have a decent antenna/tuner etc
3) The receiving end has set their frequency and tuning range correctly (so your signal falls entirely INSIDE their green tuning lines).
4) They don’t have local QRM or QRN that is compromising your signal too much.
5) They have their receive level set properly (“in the green”).

Of course 3-5 are not under your control but that is the nature of digital comms.

If you are having trouble decoding or someone is having trouble decoding you...rather than guess the best thing is to turn on Debug logging (at both ends), run a test. Note the time UTC for the test. Send me the V4 TNC debug log files (not the standard log file) with some explanation of the problem and test. This works best if the debug log from BOTH ends is sent. This is the ONLY practical way to do debugging and will make much faster and better progress than 10 email exchanges guessing at what to try next.

Good Luck,

Rick KN6KB

From: Ed Woods WD9DVA
Sent: Tuesday, December 14, 2010 1:48 PM
To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] COCKPIT PROBLEMS

We’re lost (ran out of ideas). Working stations on 7073.0 and receiving both L&C (599). Copy all their xmissions. But when I send it’s all down hill, Good signal, on freq, but the receiving stations copy just pieces of my xmissions.

Here’s what we have:

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We have set the RB and the Rig both in VOX.

Output abt 60 W

V 4 ver 1030

Regarding the VOX setup, we can run w/o VOX and still copy Q5. Apparently the VOX mode either on or off doesn’t matter regarding the sending of data.

We use the same setup on RMS w/o any problems. It seems like the problem began going with 1030. 1010 and 1020 appeared ok.

Any ideas? Thanks 73 Ed WD9DVA

482. Ver 0140 Sometimes my TX txt comes back as RX

Yahoo group: V4Protocol
Date: 2010-12-14 20:35:16 UTC
From: John Hirth
Topic: 482 Message: 482
Attachments: 2 described; binary payloads are missing from this source WARC

Rick,

Running ver. 0.1.4.0. Sometimes a bit of my transmitted text comes back in the RX window as received text (Green) after what appears to be an AUTOID string containing my own call. (This is in addition to what you see in the RX window as transmitted text in blue italics.)

See attached logs at about 20:03.
(Chat log was copied earlier than TNC log, so contains more.)

Running Win7 Pro.

73, John W2KI

483. Re: [V4Protocol] Line Scrolling Problem (?) in Receive

Yahoo group: V4Protocol
Date: 2010-12-14 22:25:59 UTC
From: Joel Black
Topic: 388 Message: 483

Howard,

I have seen the same thing - when V4 Chat is not active, receive text
stops scrolling. Once I make V4 Chat the active window, it picks up
like it has been scrolling the entire time. I figured it was just a
focus issue.

73,
Joel, W4JBB

On 12/13/2010 10:01 AM, W6IDS wrote:
>
>
> Hmmmm, wonder if I found something else to report here.
> While using V4 by itself, line scrolling in Receive seems to be normal.
> When I bring up Windows Mail in VISTA 64, I'm seeing the scrolling
> stop. I have to click on the slider to pick up the received lines.
> When I drop Windows Mail. the scrolling of lines returns to normal.
> Anyone else see that?
> Howard W6IDS
> Richmond, IN Em79NV
>
>
>
> ---
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 10.0.1170 / Virus Database: 426/3311 - Release Date: 12/12/10
>

--
Joel

"Common sense is like deodorant...
Those who need it most don't use it."
--Unknown

484. Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

Yahoo group: V4Protocol
Date: 2010-12-14 23:08:10 UTC
From: Hoby KK8G
Topic: 471 Message: 484

Maybe I didn't read the info correctly, but my editing follows Chuck's finding. I can delete part of a word but as soon as I try to type a correction, the typed characters are appended to the end of the line. To make a typing correction I have to backspace and erase everything following the area I wish to correct. Am I doing something wrong?
73
Hoby KK8G/AFA5HF

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Tuesday, December 14, 2010 2:37 PM
Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

Chuck,
Update to 0.1.4.0 Ctrl<Cr> now sends the data. a regular <Cr> just adds a return into the text.
Also you cannot edit data already sent. Once it is sent it is sent and the keyboard entry box will NOT let you go back into that section of text to edit. Version 0.1.4.0 will let you go back and edit anything after the last Ctrl<Cr>. Please read the help on the new version for complete description.

Rick KN6KB

From: Chuck
Sent: Tuesday, December 14, 2010 2:30 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

John; You were doing very well here this morning on 20 Meters, almost 100% print on you and also Deme VE7CRT on 40 Meters.... Only hitch in the system I had problems with this morning was the inability to edit a misspelled word back in a line somewhere. The correction always jumped to the end of the line.
I found it much easier now to type out a one liner of text, hit <CR> and just keep going without <CR> causing a transmit before being ready. Hopefully in the future , the <Ctrl-CR> will be linked to a "TX" button like we find in Op Modes found in FLdigi.

73;
Chuck

----- Original Message -----
From: "ve5mu_sk" <mailto:jbradley%40sasktel.net>
To: mailto:V4Protocol%40yahoogroups.com
Sent: Tuesday, December 14, 2010 9:50:13 AM
Subject: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

snipped.....

485. Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

Yahoo group: V4Protocol
Date: 2010-12-14 23:48:00 UTC
From: Chuck
Topic: 471 Message: 485

Hoby, Rick; I went in and checked out the help, then put my rig on a dummy load for some checks. Same thing again... no ability to Edit using the mouse, before a <Ctrl CR>. After a <Ctrl Cr> nothing I type will go out until I do another <Ctrl CR> and nothing could be edited without back spacing to it. Rick, one thing I thought of that would help to keep track of what was already put in the buffers is to "grey out" the text in the lower box when It gets moved to the TX buffer or Queue. Just a thought and not particularly relevant to the above comments..

73;
Chuck, WA7BRL

From: "Hoby KK8G" sbcglobal.net>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, December 14, 2010 3:08:10 PM
Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

☐
Maybe I didn't read the info correctly, but my editing follows Chuck's finding. I can delete part of a word but as soon as I try to type a correction, the typed characters are appended to the end of the line. To make a typing correction I have to backspace and erase everything following the area I wish to correct. Am I doing something wrong?
73
Hoby KK8G/AFA5HF

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Tuesday, December 14, 2010 2:37 PM
Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

Chuck,
Update to 0.1.4.0 Ctrl now sends the data. a regular just adds a return into the text. Also you cannot edit data already sent. Once it is sent it is sent and the keyboard entry box will NOT let you go back into that section of text to edit. Version 0.1.4.0 will let you go back and edit anything after the last Ctrl. Please read the help on the new version for complete description.

Rick KN6KB

From: Chuck
Sent: Tuesday, December 14, 2010 2:30 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

John; You were doing very well here this morning on 20 Meters, almost 100% print on you and also Deme VE7CRT on 40 Meters.... Only hitch in the system I had problems with this morning was the inability to edit a misspelled word back in a line somewhere. The correction always jumped to the end of the line.

I found it much easier now to type out a one liner of text, hit and just keep going without causing a transmit before being ready. Hopefully in the future , the <Ctrl-CR> will be linked to a "TX" button like we find in Op Modes found in FLdigi.

73;
Chuck

----- Original Message -----
From: "ve5mu_sk" < mailto:jbradley%40sasktel.net >
To: mailto:V4Protocol%40yahoogroups.com
Sent: Tuesday, December 14, 2010 9:50:13 AM
Subject: [V4Protocol] ARRRRRRRRRRRRRRRGH!!

snipped.....

486. Re: [V4Protocol] Line Scrolling Problem (?) in Receive

Yahoo group: V4Protocol
Date: 2010-12-15 00:46:28 UTC
From: W6IDS
Topic: 388 Message: 486

Yeah, sure was. <SIGH> Didn't realize that - I think in MY mind, V4 would scroll away no matter what was going on around it <GRIN> I saw it finally, typing on Win Mail and making V4 "focused" or "primary" as it were. I never addressed the status of a window as one of "focus" but I do now. Rick tweaked me on it and a bell went off. DUH!

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Joel Black
To: V4Protocol@yahoogroups.com
Sent: Tuesday, December 14, 2010 5:25 PM
Subject: Re: [V4Protocol] Line Scrolling Problem (?) in Receive

Howard,

I have seen the same thing - when V4 Chat is not active, receive text stops scrolling. Once I make V4 Chat the active window, it picks up like it has been scrolling the entire time. I figured it was just a focus issue.

73,
Joel, W4JBB

On 12/13/2010 10:01 AM, W6IDS wrote:
Hmmmm, wonder if I found something else to report here.

While using V4 by itself, line scrolling in Receive seems to be normal.

When I bring up Windows Mail in VISTA 64, I'm seeing the scrolling stop. I have to click on the slider to pick up the received lines.

When I drop Windows Mail. the scrolling of lines returns to normal.

Anyone else see that?

Howard W6IDS
Richmond, IN Em79NV

487. Re: [V4Protocol] Ver 0140 Sometimes my TX txt comes back as RX

Yahoo group: V4Protocol
Date: 2010-12-15 00:58:57 UTC
From: Jay Rutherford
Topic: 482 Message: 487

I have been seeing the same effect in more versions than the 0.1.4. My typed text is reprinted instantly in italics in the transmit (upper) window, but then typically much of my typed text is again printed as green text. It's as though I am actually receiving my transmitted text. Typically there are gaps in the green print; they look like missed blocks. K2MJ today surmised it could be my loopback not working properly.

Any ideas? I can't find the answer in the Help file.

Jay K3BH

On 12/14/2010 03:35 PM, John Hirth wrote:
> Rick,
>
> Running ver. 0.1.4.0. Sometimes a bit of my transmitted text comes back
> in the RX window as received text (Green) after what appears to be an
> AUTOID string containing my own call. (This is in addition to what you
> see in the RX window as transmitted text in blue italics.)

488. Re: [V4Protocol] Ver 0140 Sometimes my TX txt comes back as RX

Yahoo group: V4Protocol
Date: 2010-12-15 13:14:21 UTC
From: Rick Muething
Topic: 482 Message: 488

In FEC mode the V4 TNC ALWAYS works in full duplex. That is it can receive AND send at the same time. If you see your sent text coming back (in Green or Red strikethrough) it is because the transmit audio is finding its way back into the receive audio. Ways this can heappen:
1) You are running a true loopback test with TX audio out tied to RX audio in(levels must set correctly of course)
2) Your radio or sound card interface has some monitor mode which pipes the tx audio back to rx audio. (not many radios or sound cards do this).
3) Your sound card or sound card interface doesn't have good isolation between the send and receive channels. If the receive audio is clean it can still be received even if it is fairly weak.

If this proves to be a significant problem (I haven't seen this on any of my test installations or radios) I can disable the full duplex and only employ it for the loopback test.

Rick KN6KB

From: Jay Rutherford
Sent: Tuesday, December 14, 2010 7:58 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Ver 0140 Sometimes my TX txt comes back as RX

I have been seeing the same effect in more versions than the 0.1.4. My
typed text is reprinted instantly in italics in the transmit (upper)
window, but then typically much of my typed text is again printed as
green text. It's as though I am actually receiving my transmitted text.
Typically there are gaps in the green print; they look like missed
blocks. K2MJ today surmised it could be my loopback not working properly.

Any ideas? I can't find the answer in the Help file.

Jay K3BH

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> Rick,
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> Running ver. 0.1.4.0. Sometimes a bit of my transmitted text comes back
> in the RX window as received text (Green) after what appears to be an
> AUTOID string containing my own call. (This is in addition to what you
> see in the RX window as transmitted text in blue italics.)

489. Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

Yahoo group: V4Protocol
Date: 2010-12-15 13:34:40 UTC
From: Rick Muething
Topic: 471 Message: 489

Chuck,All,

I believe the latest code 0.1.4.0 is OK except for multiple plain <Cr> which I'll fix on the next time. Once you send a Ctrl<Cr> that text is essentially gone (sent to the output buffer) and it can't be edited so the code should not allow you to backspace in or otherwise enter any characters into that now "sent" text. There is no practical way to edit code while it is waiting in the output buffer...just like you can't edit an email once sent.

The idea of graying out the sent text in the keyboard directory is good ....will take some programming (working with these rich text boxes is not trivial) but I think that is a good solution that will make obvious when text can be edited in that text box.

Rick KN6KB

From: Chuck
Sent: Tuesday, December 14, 2010 6:48 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

Hoby, Rick; I went in and checked out the help, then put my rig on a dummy load for some checks. Same thing again... no ability to Edit using the mouse, before a <Ctrl CR>. After a <Ctrl Cr> nothing I type will go out until I do another <Ctrl CR> and nothing could be edited without back spacing to it. Rick, one thing I thought of that would help to keep track of what was already put in the buffers is to "grey out" the text in the lower box when It gets moved to the TX buffer or Queue. Just a thought and not particularly relevant to the above comments..

73;
Chuck, WA7BRL

From: "Hoby KK8G" sbcglobal.net>
To: mailto:V4Protocol%40yahoogroups.com
Sent: Tuesday, December 14, 2010 3:08:10 PM
Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

☐
Maybe I didn't read the info correctly, but my editing follows Chuck's finding. I can delete part of a word but as soon as I try to type a correction, the typed characters are appended to the end of the line. To make a typing correction I have to backspace and erase everything following the area I wish to correct. Am I doing something wrong?
73
Hoby KK8G/AFA5HF

----- Original Message -----
From: Rick Muething
To: mailto:V4Protocol%40yahoogroups.com
Sent: Tuesday, December 14, 2010 2:37 PM

Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRGH!!

Chuck,
Update to 0.1.4.0 Ctrl now sends the data. a regular just adds a return into the text. Also you cannot edit data already sent. Once it is sent it is sent and the keyboard entry box will NOT let you go back into that section of text to edit. Version 0.1.4.0 will let you go back and edit anything after the last Ctrl. Please read the help on the new version for complete description.

Rick KN6KB

From: Chuck
Sent: Tuesday, December 14, 2010 2:30 PM
To: mailto:V4Protocol%40yahoogroups.com
Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRGH!!

John; You were doing very well here this morning on 20 Meters, almost 100% print on you and also Deme VE7CRT on 40 Meters.... Only hitch in the system I had problems with this morning was the inability to edit a misspelled word back in a line somewhere. The correction always jumped to the end of the line.
I found it much easier now to type out a one liner of text, hit and just keep going without causing a transmit before being ready. Hopefully in the future , the <Ctrl-CR> will be linked to a "TX" button like we find in Op Modes found in FLdigi.

73;
Chuck

----- Original Message -----
From: "ve5mu_sk" < mailto:jbradley%40sasktel.net >
To: mailto:V4Protocol%40yahoogroups.com
Sent: Tuesday, December 14, 2010 9:50:13 AM
Subject: [V4Protocol] ARRRRRRRRRRRRRRRGH!!

snipped.....

490. [V4Protocol] One more small thing

Yahoo group: V4Protocol
Date: 2010-12-15 14:15:01 UTC
From: Jay Rutherford
Topic: 471 Message: 490

Version 0.1.4.0: One more leftover bug. The window containing the text boxes does not keep its size and shape following a minimizing action. After the window is minimized (e.g., to see something underneath it), it returns in a much smaller size and shape and needs to be dragged again to the desired size/shape.

73 Jay K3BH

491. Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

Yahoo group: V4Protocol
Date: 2010-12-15 15:29:35 UTC
From: Hoby KK8G
Topic: 471 Message: 491

I doubt there is anything being mentioned about text already sent. We are talking about the info in the type ahead buffer, trying to edit that before it is sent. Therein lies the problem. Once text has been entered into the type ahead buffer, it can not be edited. You can erase parts of it, but you cannot correct a misspelled word or add text in between two words in that buffer. That is the entire meaning in the original message.
As it is now, to correct an error in the text, everything after the error must be erased before the correction can be made..
Hoby KK8G/AFA5HF MI

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 15, 2010 8:34 AM
Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

Chuck,All,

I believe the latest code 0.1.4.0 is OK except for multiple plain <Cr> which I'll fix on the next time. Once you send a Ctrl<Cr> that text is essentially gone (sent to the output buffer) and it can't be edited so the code should not allow you to backspace in or otherwise enter any characters into that now "sent" text. There is no practical way to edit code while it is waiting in the output buffer...just like you can't edit an email once sent.

The idea of graying out the sent text in the keyboard directory is good ....will take some programming (working with these rich text boxes is not trivial) but I think that is a good solution that will make obvious when text can be edited in that text box.

Rick KN6KB

From: Chuck
Sent: Tuesday, December 14, 2010 6:48 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

Hoby, Rick; I went in and checked out the help, then put my rig on a dummy load for some checks. Same thing again... no ability to Edit using the mouse, before a <Ctrl CR>. After a <Ctrl Cr> nothing I type will go out until I do another <Ctrl CR> and nothing could be edited without back spacing to it. Rick, one thing I thought of that would help to keep track of what was already put in the buffers is to "grey out" the text in the lower box when It gets moved to the TX buffer or Queue. Just a thought and not particularly relevant to the above comments..

73;
Chuck, WA7BRL

From: "Hoby KK8G" sbcglobal.net>
To: mailto:V4Protocol%40yahoogroups.com
Sent: Tuesday, December 14, 2010 3:08:10 PM
Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRGH!!

☐
Maybe I didn't read the info correctly, but my editing follows Chuck's finding. I can delete part of a word but as soon as I try to type a correction, the typed characters are appended to the end of the line. To make a typing correction I have to backspace and erase everything following the area I wish to correct. Am I doing something wrong?
73
Hoby KK8G/AFA5HF

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Sent: Tuesday, December 14, 2010 2:37 PM
Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRGH!!

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From: Chuck
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Chuck

----- Original Message -----
From: "ve5mu_sk" < mailto:jbradley%40sasktel.net >
To: mailto:V4Protocol%40yahoogroups.com
Sent: Tuesday, December 14, 2010 9:50:13 AM
Subject: [V4Protocol] ARRRRRRRRRRRRRRRGH!!

snipped.....

492. Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

Yahoo group: V4Protocol
Date: 2010-12-15 15:43:25 UTC
From: Rick Muething
Topic: 471 Message: 492

OK Chuck I follow that. Well its about 100 times easier to describe than it is to implement but I understand the need. Basically I understand the rule should be:
1) Text sent to the outbound buffer is out of bounds for edit of any type. Should be color coded/background color etc.
2) Text still in the type ahead buffer (defined as anything in the keyboard text box not yet sent to the outbound buffer) is editable in any sense. (insert, delete, backspace, cut, paste etc)
3) Ctrl<CR> places all unsent text PRECEDING the Ctrl<Cr>) to the output buffer. Any text AFTER the Ctrl<Cr> is still editable. The Ctr<Cr> itself is NOT sent.

I am also working on a mechanism to enable/disable FEC full duplex.

Rick KN6KB

From: Hoby KK8G
Sent: Wednesday, December 15, 2010 10:29 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

☐

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Sent: Wednesday, December 15, 2010 8:34 AM
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Chuck

----- Original Message -----
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Sent: Tuesday, December 14, 2010 9:50:13 AM
Subject: [V4Protocol] ARRRRRRRRRRRRRRRGH!!

snipped.....

493. Re: [V4Protocol] Ver 0140 Sometimes my TX txt comes back as RX

Yahoo group: V4Protocol
Date: 2010-12-15 15:45:58 UTC
From: Warren Moxley
Topic: 482 Message: 493

Rick, full duplex is a real issue in my case.

--- On Wed, 12/15/10, Rick Muething <rmuething@...> wrote:

From: Rick Muething <rmuething@cfl.rr.com>
Subject: Re: [V4Protocol] Ver 0140 Sometimes my TX txt comes back as RX
To: V4Protocol@yahoogroups.com
Date: Wednesday, December 15, 2010, 7:14 AM

In FEC mode the V4 TNC ALWAYS works in full duplex. That is it can receive
AND send at the same time. If you see your sent text coming back (in Green
or Red strikethrough) it is because the transmit audio is finding its way back
into the receive audio. Ways this can heappen:
1) You are running a true loopback test with TX audio out tied to RX audio
in(levels must set correctly of course)
2) Your radio or sound card interface has some monitor mode which pipes the
tx audio back to rx audio. (not many radios or sound cards do this).
3) Your sound card or sound card interface doesn’t have good isolation
between the send and receive channels. If the receive audio is clean it
can still be received even if it is fairly weak.

If this proves to be a significant problem (I haven’t seen this on any of
my test installations or radios) I can disable the full duplex and only employ
it for the loopback test.

Rick KN6KB

From: Jay Rutherford
Sent: Tuesday, December 14, 2010 7:58 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Ver 0140 Sometimes my TX txt comes back as
RX

I have been seeing the same effect in more versions than the 0.1.4. My

typed text is reprinted instantly in italics in the transmit (upper)

window, but then typically much of my typed text is again printed as

green text. It's as though I am actually receiving my transmitted text.

Typically there are gaps in the green print; they look like missed

blocks. K2MJ today surmised it could be my loopback not working
properly.

Any ideas? I can't find the answer in the Help file.

Jay
K3BH

On 12/14/2010 03:35 PM, John Hirth wrote:
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Rick,
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> Running ver. 0.1.4.0. Sometimes a bit of my transmitted
text comes back
> in the RX window as received text (Green) after what
appears to be an
> AUTOID string containing my own call. (This is in
addition to what you
> see in the RX window as transmitted text in blue
italics.)

494. Re: [V4Protocol] Ver 0140 Sometimes my TX txt comes back as RX

Yahoo group: V4Protocol
Date: 2010-12-15 16:02:18 UTC
From: Rick Muething
Topic: 482 Message: 494

Warren,

In the next release there will be a setting (saved in the ini file) that enables/disable FEC full duplex. The full duplex test on the TNC will temporarily enable full duplex just for the test regardless of the setting.

Rick KN6KB

495. Re: [V4Protocol] Ver 0140 Sometimes my TX txt comes back as RX

Yahoo group: V4Protocol
Date: 2010-12-15 16:27:52 UTC
From: Warren Moxley
Topic: 482 Message: 495

Thx that will be great for me!

Many of these issues you have been talking about I have had in the software I have been writing too. When a lot people use your software you get a lot comments on what is important. I have had to use a lot of variables, flags, radio buttons, and drop downs to turn on and off that is customizable to make everyone happy. Not easy and can cause your code to become spaghetti. I like to store the options in INI files others like to put in the Windows Register. Both have advantages and disadvantages. Writing good software takes a lot of time and testing. Good documentation is another skill left to the experts in the English language (hi hi - not my best skill).

Anyway doing a great job Rick.

Thx again,

73s
Warren / K5WGM

--- On Wed, 12/15/10, Rick Muething <rmuething@...> wrote:

From: Rick Muething <rmuething@...>
Subject: Re: [V4Protocol] Ver 0140 Sometimes my TX txt comes back as RX
To: V4Protocol@...m
Date: Wednesday, December 15, 2010, 10:02 AM

Warren,

In the next release there will be a setting (saved in the ini file) that
enables/disable FEC full duplex. The full duplex test on the TNC will
temporarily enable full duplex just for the test regardless of the
setting.

Rick KN6KB

496. V4 question

Yahoo group: V4Protocol
Date: 2010-12-15 16:43:05 UTC
From: swells244
Topic: 496 Message: 496

What does the V4 signal look like ? The reason I'm asking I'm using a softrock receiver with Rocky software and VAC. But all I get is garbage. My receiver is a 40 meter receiver that receives from 7030 to 7078.
Steve
KG4JNL

497. Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

Yahoo group: V4Protocol
Date: 2010-12-15 17:02:26 UTC
From: Chuck
Topic: 471 Message: 497

Rick; Your Para. 1. and 2 looks great to me. The second sentence in your para. 3 is to me contradicting para. 1. I don't see any need for editing text once it has been placed in the outbound transmit buffer, but that same text in the lower keyboard text box could be greyed out (or as you say color coded) after the <ctrl cr> to remind a user that this portion is now in the TX buffer and can no longer be edited.
73;
Chuck, WA7BRL

----- Original Message -----
From: "Rick Muething" <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 15, 2010 7:43:25 AM
Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!
OK Chuck I follow that. Well its about 100 times easier to describe than it is to implement but I understand the need. Basically I understand the rule should be:
1) Text sent to the outbound buffer is out of bounds for edit of any type. Should be color coded/background color etc.
2) Text still in the type ahead buffer (defined as anything in the keyboard text box not yet sent to the outbound buffer) is editable in any sense. (insert, delete, backspace, cut, paste etc)
3) Ctrl places all unsent text PRECEDING the Ctrl) to the output buffer. Any text AFTER the Ctrl is still editable. The Ctr itself is NOT sent.

I am also working on a mechanism to enable/disable FEC full duplex.

Rick KN6KB

498. Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

Yahoo group: V4Protocol
Date: 2010-12-15 17:10:55 UTC
From: Charles "AI4RI" Blackburn
Topic: 471 Message: 498

or you can clear the input box once text has been moved maybe?

charlie
ai4ri

499. Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

Yahoo group: V4Protocol
Date: 2010-12-15 17:31:11 UTC
From: Chuck
Topic: 471 Message: 499

Yep, I thought about that too which is probably the simplest way for Rick. Someone had thought it important to see what was in the keyboard window even after <Ctrl Cr>. I don't see much point in that as it shows up in the upper window instantly just after the <Ctrl CR>.
73;
Chuck, WA7BRL
.
----- Original Message -----
From: "Charles \"AI4RI\" Blackburn" <ai4ri@...>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 15, 2010 9:10:55 AM
Subject: Re: [V4Protocol] ARRRRRRRRRRRRRRRRGH!!

or you can clear the input box once text has been moved maybe?
charlie
ai4ri

500. Re: [V4Protocol] V4 question

Yahoo group: V4Protocol
Date: 2010-12-15 18:26:26 UTC
From: Rick Muething
Topic: 496 Message: 500

The V4 signal is a standard 4FSK modulation which is phase synchronous (constant amplitude except for the two tone leader) and set at a baud rate of 46.875 baud. It looks just like it does on the V4 TNC waterfall when you are sending a FEC loopback (assuming your output audio is tied to input audio. The signal is 200 Hz bandwidth at −26 db. To be able to be decoded the ENTIRE received signal (all 200 Hz) must fit BETWEEN the green tuning lines on the V4 TNC waterfall. If you change the tuning capture range it will change the separation of the green tuning lines.

Rick KN6KB

From: swells244
Sent: Wednesday, December 15, 2010 11:43 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 question

What does the V4 signal look like ? The reason I'm asking I'm using a softrock receiver with Rocky software and VAC. But all I get is garbage. My receiver is a 40 meter receiver that receives from 7030 to 7078.
Steve
KG4JNL

501. TX/RX turnaround

Yahoo group: V4Protocol
Date: 2010-12-15 18:53:29 UTC
From: kb3cs
Topic: 501 Message: 501

i've been following the discussion here from Post #1 and haven't seen mentioned: why is there the seeming long pause between transmitting frames and especially why is the pause from the end of the last frame until the PTT unkeys the same length as in between frames? i don't have CWID enabled, in case that's relevant.

- Chris KB3CS

502. Re: TX/RX turnaround

Yahoo group: V4Protocol
Date: 2010-12-15 19:45:32 UTC
From: kb3cs
Topic: 501 Message: 502

oh wait ... my waterfall display is the converse of the transmitted signal. it is blank/black while there is modulation and greyish during the between-frame pause.

i was unsuccessful configuring rig control. PTT-only works but enabling a second CAT port kills PTT. My PTT is on COM1 and CAT on COM2. configuring COM2 produces an error message about not being able to open the port and also results in PTT not working on COM1.

- Chris KB3CS

--- In V4Protocol@yahoogroups.com, "kb3cs" <kb3cs@...> wrote:
>
> i've been following the discussion here from Post #1 and haven't seen mentioned: why is there the seeming long pause between transmitting frames and especially why is the pause from the end of the last frame until the PTT unkeys the same length as in between frames? i don't have CWID enabled, in case that's relevant.
>
> - Chris KB3CS
>

503. Anybody On Tonight?

Yahoo group: V4Protocol
Date: 2010-12-16 00:54:22 UTC
From: Rick Westerfield
Topic: 503 Message: 503

Hello,

Where is everybody hanging out? I am trying my first shot at V4 and cannot find any signals although the bands do seem a little dead. So where is the good hang out for tonight?

Rick - KH2DF

504. Re: [V4Protocol] Anybody On Tonight?

Yahoo group: V4Protocol
Date: 2010-12-16 00:58:07 UTC
From: Dick Lamberson
Topic: 503 Message: 504

I'll listen for you on 3583khz if you like - only have a few minutes though - and it's almost 8 p.m. as I type - c u there?
73,
Dick, W4WEB
----- Original Message -----
From: Rick Westerfield
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 15, 2010 7:54 PM
Subject: [V4Protocol] Anybody On Tonight?

Hello,

Where is everybody hanging out? I am trying my first shot at V4 and cannot find any signals although the bands do seem a little dead. So where is the good hang out for tonight?

Rick - KH2DF

505. RE: [V4Protocol] Anybody On Tonight?

Yahoo group: V4Protocol
Date: 2010-12-16 01:00:09 UTC
From: Rick Westerfield
Topic: 503 Message: 505

OK, I'm there but it sounds really dead. Let's give it a try.

Rick - KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Dick Lamberson
Sent: Wednesday, December 15, 2010 6:58 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Anybody On Tonight?

I'll listen for you on 3583khz if you like - only have a few minutes though - and it's almost 8 p.m. as I type - c u there?

73,

Dick, W4WEB

----- Original Message -----

From: Rick Westerfield <mailto:r_lwesterfield@...>

To: V4Protocol@yahoogroups.com

Sent: Wednesday, December 15, 2010 7:54 PM

Subject: [V4Protocol] Anybody On Tonight?

Hello,

Where is everybody hanging out? I am trying my first shot at V4 and cannot find any signals although the bands do seem a little dead. So where is the good hang out for tonight?

Rick - KH2DF

506. RE: [V4Protocol] Anybody On Tonight?

Yahoo group: V4Protocol
Date: 2010-12-16 01:02:44 UTC
From: Rick Westerfield
Topic: 503 Message: 506

I can hear you and the computer is seeing you in the waterfall . . . now what??

Rick

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Dick Lamberson
Sent: Wednesday, December 15, 2010 6:58 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Anybody On Tonight?

I'll listen for you on 3583khz if you like - only have a few minutes though - and it's almost 8 p.m. as I type - c u there?

73,

Dick, W4WEB

----- Original Message -----

From: Rick Westerfield <mailto:r_lwesterfield@...>

To: V4Protocol@yahoogroups.com

Sent: Wednesday, December 15, 2010 7:54 PM

Subject: [V4Protocol] Anybody On Tonight?

Hello,

Where is everybody hanging out? I am trying my first shot at V4 and cannot find any signals although the bands do seem a little dead. So where is the good hang out for tonight?

Rick - KH2DF

507. RE: [V4Protocol] Anybody On Tonight?

Yahoo group: V4Protocol
Date: 2010-12-16 01:10:38 UTC
From: Rick Westerfield
Topic: 503 Message: 507

I am seeing you and hearing you but it is just not quite enough for a QSO.

Rick - KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Westerfield
Sent: Wednesday, December 15, 2010 7:00 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Anybody On Tonight?

OK, I'm there but it sounds really dead. Let's give it a try.

Rick - KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Dick Lamberson
Sent: Wednesday, December 15, 2010 6:58 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Anybody On Tonight?

I'll listen for you on 3583khz if you like - only have a few minutes though - and it's almost 8 p.m. as I type - c u there?

73,

Dick, W4WEB

----- Original Message -----

From: Rick Westerfield <mailto:r_lwesterfield@...>

To: V4Protocol@yahoogroups.com

Sent: Wednesday, December 15, 2010 7:54 PM

Subject: [V4Protocol] Anybody On Tonight?

Hello,

Where is everybody hanging out? I am trying my first shot at V4 and cannot find any signals although the bands do seem a little dead. So where is the good hang out for tonight?

Rick - KH2DF

508. RE: [V4Protocol] Anybody On Tonight?

Yahoo group: V4Protocol
Date: 2010-12-16 01:15:48 UTC
From: Rick Westerfield
Topic: 503 Message: 508

Hello dick,

Thank you very much for the brief first chat with V4 . . . I have a lot more reading in the help to do and paying attention to these e-mails to learn what I am doing. But at least my rig is set up to run which is more than I knew twenty minutes ago.

Again, thanks for the help.

Rick - KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Dick Lamberson
Sent: Wednesday, December 15, 2010 6:58 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Anybody On Tonight?

I'll listen for you on 3583khz if you like - only have a few minutes though - and it's almost 8 p.m. as I type - c u there?

73,

Dick, W4WEB

----- Original Message -----

From: Rick Westerfield <mailto:r_lwesterfield@...>

To: V4Protocol@yahoogroups.com

Sent: Wednesday, December 15, 2010 7:54 PM

Subject: [V4Protocol] Anybody On Tonight?

Hello,

Where is everybody hanging out? I am trying my first shot at V4 and cannot find any signals although the bands do seem a little dead. So where is the good hang out for tonight?

Rick - KH2DF

509. Re: [V4Protocol] Anybody On Tonight?

Yahoo group: V4Protocol
Date: 2010-12-16 01:20:36 UTC
From: Dick Lamberson
Topic: 503 Message: 509

Rgr Rick - good luck and I'll try to watch for your callsign in all the right places - 73, Dick

----- Original Message -----
From: Rick Westerfield
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 15, 2010 8:10 PM
Subject: RE: [V4Protocol] Anybody On Tonight?

I am seeing you and hearing you but it is just not quite enough for a QSO.

Rick - KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Westerfield
Sent: Wednesday, December 15, 2010 7:00 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Anybody On Tonight?

OK, I'm there but it sounds really dead. Let's give it a try.

Rick - KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Dick Lamberson
Sent: Wednesday, December 15, 2010 6:58 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Anybody On Tonight?

I'll listen for you on 3583khz if you like - only have a few minutes though - and it's almost 8 p.m. as I type - c u there?

73,

Dick, W4WEB

----- Original Message -----

From: Rick Westerfield

To: V4Protocol@yahoogroups.com

Sent: Wednesday, December 15, 2010 7:54 PM

Subject: [V4Protocol] Anybody On Tonight?

Hello,

Where is everybody hanging out? I am trying my first shot at V4 and cannot find any signals although the bands do seem a little dead. So where is the good hang out for tonight?

Rick - KH2DF

510. Re: [V4Protocol] Anybody On Tonight?

Yahoo group: V4Protocol
Date: 2010-12-16 02:20:03 UTC
From: W6IDS
Topic: 503 Message: 510

Hey Rick!

Give any thought to 7073.000 or would the path be wrong? Are you still on 3583.000 or ??? I'm listening on 7073.000 - NC5O has been on there calling CQ. I'm doing paperwork for work or I'd have answered him already.

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Rick Westerfield
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 15, 2010 8:15 PM
Subject: RE: [V4Protocol] Anybody On Tonight?

Hello dick,

Thank you very much for the brief first chat with V4 . . . I have a lot more reading in the help to do and paying attention to these e-mails to learn what I am doing. But at least my rig is set up to run which is more than I knew twenty minutes ago.

Again, thanks for the help.

Rick - KH2DF

511. Re: [V4Protocol] Anybody On Tonight?

Yahoo group: V4Protocol
Date: 2010-12-16 02:53:58 UTC
From: Rick Westerfield
Topic: 503 Message: 511

Hello Howard,

Maybe tomorrow night but thanks for asking as it looks like an interesting mode.

Rick KH2DF

Sent from my iPhone

On Dec 15, 2010, at 8:20 PM, "W6IDS" <w6ids@...> wrote:

> Hey Rick!
>
> Give any thought to 7073.000 or would the path be wrong? Are you still on
> 3583.000 or ??? I'm listening on 7073.000 - NC5O has been on there calling
> CQ. I'm doing paperwork for work or I'd have answered him already.
>
> Howard W6IDS
> Richmond, IN EM79NV
> ----- Original Message -----
> From: Rick Westerfield
> To: V4Protocol@yahoogroups.com
> Sent: Wednesday, December 15, 2010 8:15 PM
> Subject: RE: [V4Protocol] Anybody On Tonight?
> Hello dick,
>
> Thank you very much for the brief first chat with V4 . . . I have a lot more reading in the help to do and paying attention to these e-mails to learn what I am doing. But at least my rig is set up to run which is more than I knew twenty minutes ago.
>
> Again, thanks for the help.
>
> Rick – KH2DF
>
>
>
>

512. Re: [V4Protocol] Anybody On Tonight?

Yahoo group: V4Protocol
Date: 2010-12-16 03:53:05 UTC
From: W6IDS
Topic: 503 Message: 512

I tend to think it is, Rick. IMHO, I think we're seeing a little bit of history being made here. The FEC is working such that it feels no different to me in results than what I'd see in a PacTOR I FEC QSO.

Ah, but with that said, I'm really anxious to see what develops when I get my hands on the ARQ mode. I'm expecting totally error-free comms - well, I get that now with PacTOR I ARQ, so that's my own bench mark. Someone used to the SCS product may have a different measuring stick.

Thus far, Rick et al have done good.

Yeppir, let's hook up whenever.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: Rick Westerfield
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 15, 2010 9:53 PM
Subject: Re: [V4Protocol] Anybody On Tonight?

Hello Howard,

Maybe tomorrow night but thanks for asking as it looks like an interesting mode.

Rick KH2DF

Sent from my iPhone

On Dec 15, 2010, at 8:20 PM, "W6IDS" <w6ids@frontier.com> wrote:
Hey Rick!

Give any thought to 7073.000 or would the path be wrong? Are you still on 3583.000 or ??? I'm listening on 7073.000 - NC5O has been on there calling CQ. I'm doing paperwork for work or I'd have answered him already.

<SNIP> <SNIP>

513. Re: Ver 0140 Sometimes my TX txt comes back as RX

Yahoo group: V4Protocol
Date: 2010-12-16 06:49:07 UTC
From: Daniel V. Wolff, Jr.
Topic: 482 Message: 513

Rick,

How about adding an selector option in one of the pull-down menus to turn on or off the full duplex feature as an alternative to always disabling it. This way the user has the option to use full duplex or not, depending on how they may be using the program. And, if you choose this optional solution then set the default condition of the selector to duplex off (simplex).. Otherwise, disabling full duplex, except for the loop back test as you mentioned, may be necessary.

73,

Daniel V. Wolff, Jr.
DL4VCW / KA7AGN / AEM1WF (MARS)
<http://www.qsl.net/dl4vcw/> http://www.qsl.net/dl4vcw/

<http://www.qsl.net/ka7agn/> http://www.qsl.net/ka7agn/

<http://www.qsl.net/aem1wf/> http://www.qsl.net/aem1wf/

Classification: UNCLASSIFIED
Caveats: NONE

<http://groups.yahoo.com/group/V4Protocol/message/488;_ylc=X3oDMTJxaWsxaWI1BF9TAzk3MzU5NzE1BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM0ODgEc2VjA2Rtc2cEc2xrA3Ztc2cEc3RpbWUDMTI5MjQ3MTU4OQ--> Re: Ver 0140 Sometimes my TX txt comes back as RX

Posted by: "Rick Muething"
<mailto:rmuething@...?Subject=%20Re%3A%20Ver%200140%20Sometimes%20my%20TX%20txt%20comes%20back%20as%20RX> rmuething@...
<http://profiles.yahoo.com/kn6kb> kn6kb

Wed Dec 15, 2010 5:14 am (PST)

In FEC mode the V4 TNC ALWAYS works in full duplex. That is it can receive AND send at the same time. If you see your sent text coming back (in Green or Red strikethrough) it is because the transmit audio is finding its way back into the receive audio. Ways this can heappen:
1) You are running a true loopback test with TX audio out tied to RX audio in(levels must set correctly of course)
2) Your radio or sound card interface has some monitor mode which pipes the tx audio back to rx audio. (not many radios or sound cards do this).
3) Your sound card or sound card interface doesn't have good isolation between the send and receive channels. If the receive audio is clean it can still be received even if it is fairly weak.

If this proves to be a significant problem (I haven't seen this on any of my test installations or radios) I can disable the full duplex and only employ it for the loopback test.

Rick KN6KB

514. Re: [V4Protocol] Re: Ver 0140 Sometimes my TX txt comes back as RX

Yahoo group: V4Protocol
Date: 2010-12-16 13:09:51 UTC
From: Rick Muething
Topic: 482 Message: 514

The next release has a check box for enabling/disabling FEC full duplex. It will still temporarily toggle to full duplex if you do a FEC full duplex loopback (for testing). There is no reason to allow rapid switching back and forth of full duplex...you are either set up to use it or not.

Rick KN6KB

From: Daniel V. Wolff, Jr.
Sent: Thursday, December 16, 2010 1:49 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Ver 0140 Sometimes my TX txt comes back as RX

Rick,

How about adding an selector option in one of the pull-down menus to turn on or off the full duplex feature as an alternative to always disabling it. This way the user has the option to use full duplex or not, depending on how they may be using the program. And, if you choose this optional solution then set the default condition of the selector to duplex off (simplex).. Otherwise, disabling full duplex, except for the loop back test as you mentioned, may be necessary.

73,

Daniel V. Wolff, Jr.
DL4VCW / KA7AGN / AEM1WF (MARS)
http://www.qsl.net/dl4vcw/

http://www.qsl.net/ka7agn/

http://www.qsl.net/aem1wf/

Classification: UNCLASSIFIED
Caveats: NONE

Re: Ver 0140 Sometimes my TX txt comes back as RX
Posted by: "Rick Muething" rmuething@... kn6kb
Wed Dec 15, 2010 5:14 am (PST)

In FEC mode the V4 TNC ALWAYS works in full duplex. That is it can receive AND send at the same time. If you see your sent text coming back (in Green or Red strikethrough) it is because the transmit audio is finding its way back into the receive audio. Ways this can heappen:
1) You are running a true loopback test with TX audio out tied to RX audio in(levels must set correctly of course)
2) Your radio or sound card interface has some monitor mode which pipes the tx audio back to rx audio. (not many radios or sound cards do this).
3) Your sound card or sound card interface doesn’t have good isolation between the send and receive channels. If the receive audio is clean it can still be received even if it is

fairly weak.

If this proves to be a significant problem (I haven’t seen this on any of my test installations or radios) I can disable the full duplex and only employ it for the loopback test.

Rick KN6KB

515. FIRST DX V4 QSO.

Yahoo group: V4Protocol
Date: 2010-12-16 13:18:01 UTC
From: Eddy Van de Velde
Topic: 515 Message: 515

I have just made my first DX QSO in V4 mode with Mike VK3XL on 14.073 at 12:45Z.
Very good copy with score between 65 and 70.

73

Eddy ON5UQ

516. Re: [V4Protocol] TX/RX turnaround

Yahoo group: V4Protocol
Date: 2010-12-16 13:25:01 UTC
From: Rick Muething
Topic: 501 Message: 516

You didn’t explain the PTT mechanism you are using and if VOX (e.g. SignaLink) if you have delay set in. For VOX (or the SignaLink USB) you want MINIMUM VOX delay or “hold”. Adjacent frames (when the output buffer has more data than just one frame) are sent only separated by about 600 ms.....I call that contiguous sending. Once the outbuffer empties there is a automatic hold off of I think 1-2 seconds before a new frame can be started and then ONLY when the busy detector sees a clear channel. You may have the busy detector set too sensitive...read the help on that.

Rick KN6KB

From: kb3cs
Sent: Wednesday, December 15, 2010 1:53 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] TX/RX turnaround

i've been following the discussion here from Post #1 and haven't seen mentioned: why is there the seeming long pause between transmitting frames and especially why is the pause from the end of the last frame until the PTT unkeys the same length as in between frames? i don't have CWID enabled, in case that's relevant.

- Chris KB3CS

517. Re: [V4Protocol] Re: TX/RX turnaround

Yahoo group: V4Protocol
Date: 2010-12-16 13:29:04 UTC
From: Rick Muething
Topic: 501 Message: 517

The waterfall display has a type of “AGC” in it to enahance contrast over a wider range of drive levels. When there is just “noise” it will usually show a dark-light blue speckles. A strong signal will provide brigher actual signals and if the noise is low also a dark (or black) background.

There are 4 ways to key the PTT as described in the help and I believe all 4 are working OK. Which one you use (and you should only use one) will be determined by your setup and the capabilities of the radio and/or sound card interface. Read about the PTT setup in the help.

Rick KN6KB

From: kb3cs
Sent: Wednesday, December 15, 2010 2:45 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: TX/RX turnaround

oh wait ... my waterfall display is the converse of the transmitted signal. it is blank/black while there is modulation and greyish during the between-frame pause.

i was unsuccessful configuring rig control. PTT-only works but enabling a second CAT port kills PTT. My PTT is on COM1 and CAT on COM2. configuring COM2 produces an error message about not being able to open the port and also results in PTT not working on COM1.

- Chris KB3CS

--- In mailto:V4Protocol%40yahoogroups.com, "kb3cs" <kb3cs@...> wrote:
>
> i've been following the discussion here from Post #1 and haven't seen mentioned: why is there the seeming long pause between transmitting frames and especially why is the pause from the end of the last frame until the PTT unkeys the same length as in between frames? i don't have CWID enabled, in case that's relevant.
>
> - Chris KB3CS
>

518. V4ARQ

Yahoo group: V4Protocol
Date: 2010-12-16 14:16:13 UTC
From: Hoby KK8G
Topic: 518 Message: 518

Sometimes I see a flash that says V4ARQ (in red) as the incoming signal. Is that due to poor condx or problems on one end? Haven't really paid much attention to it, whether I decode the signal that is associated with it or not.
Hoby KK8G/AFA5HF

519. Re: [V4Protocol] Re: TX/RX turnaround

Yahoo group: V4Protocol
Date: 2010-12-16 14:23:28 UTC
From: Charles "AI4RI" Blackburn
Topic: 501 Message: 519

talking about the waterfall colours, is there any way we might be
able alter the colours in the waterfall kinda like we can do in
dm780 (the digital program in ham radio deluxe)?

maybe put in the INI file a standard web 6 digit hex value in there?

charlie
ai4ri

520. Suggestions

Yahoo group: V4Protocol
Date: 2010-12-16 14:27:45 UTC
From: Guy
Topic: 520 Message: 520

Hi to all,
If I might give a suggestion, I would appreciate the copy/paste option and also the possibity to use a beacon with a text for example with the RF power used.

For info
Is it normal that I can't decode WINMOR with this "V4 TNC".
I have good contact with VE1YZ-5 on 18097.5 and RMS Express soft but when another station is on air, I can read him with "V4 TNC". I must say that VE1YZ-5 works with a "Inbound Session Bandwith" of 1600 Hz and that is maybe why it doesn't work?>>

I also sorry to observe that much of the frequencies (suggested on K3UK sked page)are busy with PSK and that is not simple to find a V4 station in this case.

Congratulation for this works, it seems to have a futur

Amitiés de
Guy
ON4MS

521. Re: [V4Protocol] Suggestions

Yahoo group: V4Protocol
Date: 2010-12-16 17:53:40 UTC
From: Rick Muething
Topic: 520 Message: 521

Guy,

I'll put in copy and paste in a later rev. The rev for today will have most of the other text related issues fixed.

Re beacons: I don't want to create software that can automatically send out HF beacons....We already have way to much interference on HF! There are some interesting "micro power" beacons using JT-65 http://hfradio.org.uk/jt65-hf_setup.pdf that might offer some use in the future...but not now while we are still ALPHA testing.

No the V4 Virtual TNC is designed and optimized for the V4 Protocol. For the WINMOR protocol you use the WINMOR TNC. Two different animals by design!

73,

Rick KN6KB

From: Guy
Sent: Thursday, December 16, 2010 9:27 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Suggestions

Hi to all,
If I might give a suggestion, I would appreciate the copy/paste option and also the possibity to use a beacon with a text for example with the RF power used.

For info
Is it normal that I can't decode WINMOR with this "V4 TNC".
I have good contact with VE1YZ-5 on 18097.5 and RMS Express soft but when another station is on air, I can read him with "V4 TNC". I must say that VE1YZ-5 works with a "Inbound Session Bandwith" of 1600 Hz and that is maybe why it doesn't work?>>

I also sorry to observe that much of the frequencies (suggested on K3UK sked page)are busy with PSK and that is not simple to find a V4 station in this case.

Congratulation for this works, it seems to have a futur

Amitiés de
Guy
ON4MS

522. Re: [V4Protocol] Re: TX/RX turnaround

Yahoo group: V4Protocol
Date: 2010-12-16 18:05:05 UTC
From: Rick Muething
Topic: 501 Message: 522

Charlie,

Fooling around with waterfall colors is out of the questions during ALPHA and BETA testing. Remember I am trying to build a new protocol, optimized it use and train people how to use and apply it. Tweaking waterfall colors is not yet even on the horizon and should not be until the software is well debugged and released.

Rick KN6KB

From: Charles "AI4RI" Blackburn
Sent: Thursday, December 16, 2010 9:23 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: TX/RX turnaround

talking about the waterfall colours, is there any way we might be
able alter the colours in the waterfall kinda like we can do in
dm780 (the digital program in ham radio deluxe)?

maybe put in the INI file a standard web 6 digit hex value in there?

charlie
ai4ri

523. INSTALLED VER 1.0.4.0

Yahoo group: V4Protocol
Date: 2010-12-16 18:05:06 UTC
From: Ed Woods WD9DVA
Topic: 523 Message: 523

and now we cant send our text files msgs. They come to the box but thats it. In the lower box we can create a msg, hit ctrl and cr and it will go out. What did I miss. 73 Ed WD9DVA

524. Re: [V4Protocol] V4ARQ

Yahoo group: V4Protocol
Date: 2010-12-16 18:06:32 UTC
From: Rick Muething
Topic: 518 Message: 524

There are actually 4 kinds of sync symbols (FEC, ARQ, NAK and ACK) and they can at times be decoded for the wrong type though it is difficult since they have very strong FEC coding.

Rick KN6KB

From: Hoby KK8G
Sent: Thursday, December 16, 2010 9:16 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4ARQ

☐

Sometimes I see a flash that says V4ARQ (in red) as the incoming signal. Is that due to poor condx or problems on one end? Haven't really paid much attention to it, whether I decode the signal that is associated with it or not.
Hoby KK8G/AFA5HF

525. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-16 18:14:22 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 525

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.1.5.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4 Chat 0.1.5.0 Full install

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.1.5.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

526. Re: [V4Protocol] Suggestions

Yahoo group: V4Protocol
Date: 2010-12-16 18:24:55 UTC
From: Guy ON4MS
Topic: 520 Message: 526

Ok, Rick

Thanks for all these informations.

Greats to all

Guy
ON4MS
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Thursday, December 16, 2010 6:53 PM
Subject: Re: [V4Protocol] Suggestions

Guy,

I'll put in copy and paste in a later rev. The rev for today will have most of the other text related issues fixed.

Re beacons: I don't want to create software that can automatically send out HF beacons....We already have way to much interference on HF! There are some interesting "micro power" beacons using JT-65 http://hfradio.org.uk/jt65-hf_setup.pdf that might offer some use in the future...but not now while we are still ALPHA testing.

No the V4 Virtual TNC is designed and optimized for the V4 Protocol. For the WINMOR protocol you use the WINMOR TNC. Two different animals by design!

73,

Rick KN6KB

From: Guy
Sent: Thursday, December 16, 2010 9:27 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Suggestions

Hi to all,
If I might give a suggestion, I would appreciate the copy/paste option and also the possibity to use a beacon with a text for example with the RF power used.

For info
Is it normal that I can't decode WINMOR with this "V4 TNC".
I have good contact with VE1YZ-5 on 18097.5 and RMS Express soft but when another station is on air, I can read him with "V4 TNC". I must say that VE1YZ-5 works with a "Inbound Session Bandwith" of 1600 Hz and that is maybe why it doesn't work?>>

I also sorry to observe that much of the frequencies (suggested on K3UK sked page)are busy with PSK and that is not simple to find a V4 station in this case.

Congratulation for this works, it seems to have a futur

Amitiés de
Guy
ON4MS

527. New Version 0.1.5.0

Yahoo group: V4Protocol
Date: 2010-12-16 18:30:03 UTC
From: Rick Muething
Topic: 520 Message: 527

All,
I have just posted a new version 0.1.5.0 on the Yahoo FTP. You can download this and install. (You must uninstall your current version first). No settings or logs will be lost. This addresses many bugs and changes but does not YET have cut and paste functions into the text boxes. (that is fairly straightforward but will require some additional time).
Some important reminders:
1) Run the latest rev. I can't test and won't reply to problems related to prior ALPHA revs. (all ALPHA revs begin with 0.1. ... and all revs increase in number. Use the correct number (with decimal places) when identifying a revision.
2) Describe problems correctly and completely. If necessary send log or exception files directly to me at rmuethingATcfl.rr.com
3) Please do not waste your time and mine asking for cosmetic or frill functions at this stage. The objective is to FIRST get a solid and working protocol and client. There will be plenty of time later for add ons. We are only about 12 days into ALPHA testing. Good software like fine wine takes time (and focus)!
4) I am still working on ARQ but I want to get the FEC mode solid before releasing this. Its another whole can of worms!
5) Read the help file. It wastes everyone's time and if you don't even try. There are several new functional changes in this version which should be completely described in the help.
Good luck,
Rick KN6KB
Latest revision for V4Chat and V4 TNC below:
V4 Chat Revision History
...
12/16/2010 0.1.5.0 Move frequency update notice to main screen (still logged).
Fix Keyboard text to allow editing and clear out sent text.
Initialize from ini file values moved to tmrStartup to allow auto restart upon change in Setup form.
Check for window state added to resize event to fix resize after minimization.
Updated mode options to show FEC FD when Full duplex enabled.
Changed clear functions on text boxes.
V4 TNC Revision History
...
12/16/2010 0.1.5.0 Added S/N calculation (3 KHz Noise bw) to constellation. Logged to debug log.
ARQ repeat timer delay changed from 600 ms to 800 ms.(trial)
Add msg box warning of forced close on manual Force Close from Help menu.
Made provisions for Enabling/Disabling FEC full duplex.
Made Two Tone test and FEC Loopback over ride Full duplex setting during test.

528. Ctrl-enter vs. no ctrl-enter

Yahoo group: V4Protocol
Date: 2010-12-16 18:58:57 UTC
From: Kent & Shirley
Topic: 528 Message: 528

I don't know how one establishes typing habits over the years, but to me, I liked the simple "enter to transmit" feature. I liked being able to type half a sentence and if the pause between transmissions was too long, I could hit "enter" with my pinkie and keep on typing. If the person on the other end did the same, flow rate of the chat would go way up without long pauses while one person or the other typed. That's my lowly opinion and I don't know where I learned that--perhaps in the old days of HF packet keyboarding. BUT, I realize the merits of doing it with "ctrl-enter" too (even though I personally now have to pull my hands from the fast-typing position to hit two keys at once).
So how about this as a long term solution? Could there be a switch somewhere, where the op could select how he wants his keyboard to operate??---either with "ctrl-return" or just "return"?? Then both parties/opinions could be accommodated!!! That is my vote--any other opinions??? 73 de Kent AD7HK

529. Automatic restart not work

Yahoo group: V4Protocol
Date: 2010-12-16 19:52:41 UTC
From: Berndt Gilbertsson
Topic: 43 Message: 529

Hi,

I do some changes in the setup radio and after a click on the Update
button V4 restarts automatic
but the PTT not work. I must close and start V4 as in 0.1.4.0 version
after a change in setup radio.

73 SM4XFP Berndt

V4Protocol@yahoogroups.com skrev 2010-12-16 19:14:
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the V4Protocol
> group.
>
> File : /V4Chat 0.1.5.0 Full Install.zip
> Uploaded by : kn6kb <rmuething@...
> <mailto:rmuething%40cfl.rr.com>>
> Description : V4 Chat 0.1.5.0 Full install
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.1.5.0%20Full%20Install.zip
>
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> Regards,
>
> kn6kb <rmuething@... <mailto:rmuething%40cfl.rr.com>>
>
>
>

530. Re: [V4Protocol] Re: TX/RX turnaround

Yahoo group: V4Protocol
Date: 2010-12-16 20:11:16 UTC
From: Charles "AI4RI" Blackburn
Topic: 501 Message: 530

On 12/16/2010 13:05, Rick Muething wrote:
> Charlie,
>
> Fooling around with waterfall colors is out of the questions during ALPHA and BETA testing. Remember I am trying to build a new protocol, optimized it use and train people how to use and apply it. Tweaking waterfall colors is not yet even on the horizon and should not be until the software is well debugged and released.

i know rick, just wanted to get it out there while we were talking
about the waterfall... again, like everyone else has said, congrats
on the k2k protocol, it's doing great.

charlie
ai4ri

531. no audio but 2 tone test works

Yahoo group: V4Protocol
Date: 2010-12-16 20:41:25 UTC
From: KB3FXI
Topic: 531 Message: 531

I just upgraded to 1.4.0 on my Vista Home Premium computer running along with the USB Signalink. I did a control panel uninstall on the previous version 1.3.0 and installed the new version.

I'm assuming nothing changed for the transmit protocol. I'm in FEC mode, type my text and hit return, but the software doesn't go into transmit. But, the 2 tone test triggers the USB Signalink and works fine.

I did another uninstall and also removed all my previous V4 folders and reinstalled, starting from scratch. But still have the same result.

I also tried dropping a cq text file I created with the software and that won't trigger tx either.

Am I missing some sort of change in how to transmit my text in the tx text box?

-Dave, KB3FXI

532. Re: [V4Protocol] Ctrl-enter vs. no ctrl-enter

Yahoo group: V4Protocol
Date: 2010-12-16 20:46:26 UTC
From: Rick Muething
Topic: 528 Message: 532

Kent,

You can do almost anything with the user interface if you want to add enough switches, setups, help files, and training courses....But ...

The switch was made from the basic <Cr> to send to allow for the ability to use and edit keyboard entered text or text files which might have a <Cr>. If you pasted in a text file that had embedded <Cr> it would make it difficult or impossible to edit).

The bottom line.... designing and implementing a GUI is a balancing act where you balance the ability of every person to design and configure (using setups, config files etc) their own unique interface with the practical reality of trying to make things consistent and being able to document them so people can learn and operate it with minimum of training and configuration hassle.

I would like to remind us all as alpha testers of some points I have mentioned before:
1) V4 is a new protocol and that protocol is implemented using the V4 TNC virtual TNC. Right now I am trying to debug and optimize the protocol. There is a lot of complex functional timing and DSP code inside that V4 TNC and it still has many bugs some known many not yet known. Once that is done you or any other software designer can incorporate that V4 virtual TNC (making it visible or not) into their own client with it's own GUI and functionality. I designed it this way because there are probably 100 x the number of programmers that can design and implement a good client type GUI as there are that can design and optimize HF radio protocols using the sound card. The same approach has worked out pretty well with WINMOR with now about half a dozen different programs using the exact same Virtual WINMOR TNC. The virtual TNC concept works very much like the physical TNCs we support with most of our other client programs.

2) V4 Chat is (right now...12 days into ALPHA testing) a vehicle to exercise the V4 TNC and test out the V4 protocol. I want to (and will try) to make it as functional and easy to use as possible. Ease of use starts out by making it consistent and minimizing the setup complexity to what is REQUIRED to get up and running. I feel strongly now is not the time to be adding unnecessary modes, operational variations, user GUI options, color choices, skins etc. While those all sound simple (and in some cases are simple) they take away from the primary goal of making the V4 protocol work reliably, be well optimized, and be well documented so others can use it to create their own clients and servers.

Someone wisely said once. "Far more software dies of indigestion than starvation." I think the two operational words we should be using 12 days into initial testing are: "KISS" and "FOCUS".

Thanks for your feedback and participation.

73,

Rick KN6KB

533. Re: no audio but 2 tone test works

Yahoo group: V4Protocol
Date: 2010-12-16 20:48:27 UTC
From: KB3FXI
Topic: 531 Message: 533

Never mind...
I just saw the "ctrl+enter" info in a previous post.

All working now.

-Dave, KB3FXI

--- In V4Protocol@yahoogroups.com, "KB3FXI" <kb3fxi@...> wrote:
>
> I just upgraded to 1.4.0 on my Vista Home Premium computer running along with the USB Signalink. I did a control panel uninstall on the previous version 1.3.0 and installed the new version.
>
> I'm assuming nothing changed for the transmit protocol. I'm in FEC mode, type my text and hit return, but the software doesn't go into transmit. But, the 2 tone test triggers the USB Signalink and works fine.
>
> I did another uninstall and also removed all my previous V4 folders and reinstalled, starting from scratch. But still have the same result.
>
> I also tried dropping a cq text file I created with the software and that won't trigger tx either.
>
> Am I missing some sort of change in how to transmit my text in the tx text box?
>
> -Dave, KB3FXI
>

534. Re: [V4Protocol] no audio but 2 tone test works

Yahoo group: V4Protocol
Date: 2010-12-16 20:56:55 UTC
From: Rick Muething
Topic: 531 Message: 534

Dave,

The latest version is 0.1.5.0. Please use it. There is NO support in ALPHA and BETA testing for back revs....My support staff of application engineers and programmers (Ha!) is too small!

Then read the help files, AND/OR the Revision history files, AND/OR the message I send out with every new update. These explain and document the changes. This is ALPHA testing and changes in functionality and features are the NORM not the exception. Please try and get into the habit of reading about changes in the above documents before writing to the reflector.
73 and good luck,

Rick KN6KB

535. Re: [V4Protocol] Automatic restart not work

Yahoo group: V4Protocol
Date: 2010-12-16 21:01:10 UTC
From: Rick Muething
Topic: 43 Message: 535

Thanks Berndt,
I probably did not initialize a new instance of the Radio control module correctly after a save of parameters to the INI file.... While it is conceptually simple implementing all the changes in setup without a true program restart is not always easy. I can probably get that fixed on the next rev.

Rick KN6KB

From: Berndt Gilbertsson
Sent: Thursday, December 16, 2010 2:52 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Automatic restart not work

Hi,

I do some changes in the setup radio and after a click on the Update button V4 restarts automatic
but the PTT not work. I must close and start V4 as in 0.1.4.0 version after a change in setup radio.

73 SM4XFP Berndt

V4Protocol@yahoogroups.com skrev 2010-12-16 19:14:

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.1.5.0 Full Install.zip
Uploaded by : kn6kb <mailto:rmuething%40cfl.rr.com>
Description : V4 Chat 0.1.5.0 Full install

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.1.5.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <mailto:rmuething%40cfl.rr.com>

536. First V4 qso success

Yahoo group: V4Protocol
Date: 2010-12-16 22:18:48 UTC
From: vk3xl
Topic: 536 Message: 536

Called cq on 20 meters last night and ended up contacting OH5UQ. Band conditions were noisy with some lightning static and adjacent strong PSK 31 signals. Copy was very good with only a few words missed here and there. So thumbs up guys, the system works.

The ctrl-enter for ptt had me for scratching my head for a while, but all is good now.

see yo on V4 somewhere

Mike VK3XL

537. New release

Yahoo group: V4Protocol
Date: 2010-12-16 23:28:19 UTC
From: Kirk, K6KAR
Topic: 537 Message: 537
Attachments: 1 described; binary payloads are missing from this source WARC

I've had very good success with version 0.1.5.0. One thing I've noticed that I don't recall in the other versions is when I am sending I'm seeing my signal in the waterfall. This keeps the channel busy until the waterfall is completed and delays the quad message from being sent. I guess this isn't a big deal but it does slow down QSO progress somewhat.

Kirk, K6KAR

Niceville, FL

538. RE: [V4Protocol] New release

Yahoo group: V4Protocol
Date: 2010-12-16 23:29:21 UTC
From: Kirk, K6KAR
Topic: 537 Message: 538
Attachments: 1 described; binary payloads are missing from this source WARC

Qued not quad

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Kirk, K6KAR
Sent: Thursday, December 16, 2010 5:28 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] New release

I've had very good success with version 0.1.5.0. One thing I've noticed that I don't recall in the other versions is when I am sending I'm seeing my signal in the waterfall. This keeps the channel busy until the waterfall is completed and delays the quad message from being sent. I guess this isn't a big deal but it does slow down QSO progress somewhat.

Kirk, K6KAR

Niceville, FL

539. 0.1.5.0 version

Yahoo group: V4Protocol
Date: 2010-12-16 23:51:02 UTC
From: kl7edk
Topic: 539 Message: 539

Had no problems with any previous verions but now radio won't key up.
Using PTT via COM2 only not rig control. Does not key for TEST Command either.

Quit the program and started MixW as a test and it keys OK so I know the RASCAL interface is working properly.

Any clues to check ?

Jerry

540. Re: TX/RX turnaround

Yahoo group: V4Protocol
Date: 2010-12-17 01:50:13 UTC
From: kb3cs
Topic: 501 Message: 540

I'm observing about a 1 second delay in switching back to RX from TX after the output buffer has emptied. I have monitored my transmissions using a second receiver to perform my observations.
I have set V4 AutoID off and have both enabled and disabled CWID.

My transmitter remains in TX mode with no modulation for about 1 second before the PTT is released and it returns to RX mode. The busy detector would seem to not be involved since there is not even enough audio level to cause the waterfall to go any brighter than grey while still in TX mode.

I am using serial port signaling on COM1 for PTT (RTS in this case) and serial data on COM2 (9600n1 RTS/CTS) for CAT. No VOX, no PTT derived from VOX.

The previously reported COM2 error appears to have been a transient, although changing the Radio Control Port from [None] to COM2 causes V4 to "forget" its PTT Port setting (it switches to [External]).

Is there a way to embed a Ctrl-Enter or its equivalent into a User File?

- Chris KB3CS

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> You didnâ□□t explain the PTT mechanism you are using and if VOX (e.g. SignaLink) if you have delay set in. For VOX (or the SignaLink USB) you want MINIMUM VOX delay or â□□holdâ□□. Adjacent frames (when the output buffer has more data than just one frame) are sent only separated by about 600 ms.....I call that contiguous sending. Once the outbuffer empties there is a automatic hold off of I think 1-2 seconds before a new frame can be started and then ONLY when the busy detector sees a clear channel. You may have the busy detector set too sensitive...read the help on that.
>
> Rick KN6KB
>
>
> Sent: Wednesday, December 15, 2010 1:53 PM
>
> i've been following the discussion here from Post #1 and haven't seen mentioned: why is there the seeming long pause between transmitting frames and especially why is the pause from the end of the last frame until the PTT unkeys the same length as in between frames? i don't have CWID enabled, in case that's relevant.
>
> - Chris KB3CS
>

541. Re: [V4Protocol] 0.1.5.0 version

Yahoo group: V4Protocol
Date: 2010-12-17 02:23:01 UTC
From: W6IDS
Topic: 539 Message: 541

Hey Jerry,

Yep, Rick's Release Notes he sends with each version release and the
detailed Help File info.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "kl7edk" <jercurry@...>
To: <V4Protocol@yahoogroups.com>
Sent: Thursday, December 16, 2010 6:51 PM
Subject: [V4Protocol] 0.1.5.0 version

> Had no problems with any previous verions but now radio won't key up.
> Using PTT via COM2 only not rig control. Does not key for TEST Command
> either.
>
> Quit the program and started MixW as a test and it keys OK so I know the
> RASCAL interface is working properly.
>
> Any clues to check ?
>
> Jerry

542. Re: [V4Protocol] 0.1.5.0 version

Yahoo group: V4Protocol
Date: 2010-12-17 02:40:20 UTC
From: Jerry Curry
Topic: 539 Message: 542

Howard,

Nothing there to indicate any changes from the what was being used in previous version.
0.1.2.0, 0.1.3.0 and 0.1.4.0 all keyed fine
using same set up as currently selected in 0.1.5.0.

This is the first version in a long time I've had any real trouble with.

Will keep looking I guess.

Jerry
KL7EDK

On Dec 16, 2010, at 5:23 PM, W6IDS wrote:

> Hey Jerry,
>
> Yep, Rick's Release Notes he sends with each version release and the
> detailed Help File info.
>
> Howard W6IDS
> Richmond, IN EM79NV
>
> ----- Original Message -----
> From: "kl7edk" <jercurry@...>
> To: <V4Protocol@yahoogroups.com>
> Sent: Thursday, December 16, 2010 6:51 PM
> Subject: [V4Protocol] 0.1.5.0 version
>
> > Had no problems with any previous verions but now radio won't key up.
> > Using PTT via COM2 only not rig control. Does not key for TEST Command
> > either.
> >
> > Quit the program and started MixW as a test and it keys OK so I know the
> > RASCAL interface is working properly.
> >
> > Any clues to check ?
> >
> > Jerry
>
>

543. Re: [V4Protocol] 0.1.5.0 version

Yahoo group: V4Protocol
Date: 2010-12-17 03:02:29 UTC
From: Jerry Curry
Topic: 539 Message: 543

Howard,
I'm going to do a Remove and Re-install on it just in case something got corrupted.
Will post results after dinner.
Jerry

On Dec 16, 2010, at 5:23 PM, W6IDS wrote:

> Hey Jerry,
>
> Yep, Rick's Release Notes he sends with each version release and the
> detailed Help File info.
>
> Howard W6IDS
> Richmond, IN EM79NV
>
> ----- Original Message -----
> From: "kl7edk" <jercurry@...>
> To: <V4Protocol@yahoogroups.com>
> Sent: Thursday, December 16, 2010 6:51 PM
> Subject: [V4Protocol] 0.1.5.0 version
>
> > Had no problems with any previous verions but now radio won't key up.
> > Using PTT via COM2 only not rig control. Does not key for TEST Command
> > either.
> >
> > Quit the program and started MixW as a test and it keys OK so I know the
> > RASCAL interface is working properly.
> >
> > Any clues to check ?
> >
> > Jerry
>
>

544. Re: [V4Protocol] 0.1.5.0 version

Yahoo group: V4Protocol
Date: 2010-12-17 03:14:03 UTC
From: W6IDS
Topic: 539 Message: 544

Hey!

Sorry m'man, I was having a Senior Moment....I think.

I got the impression that you missed the "CTRL <ENTER>"
thingie. V0.1.5.0 kinda stinky for you? I just downloaded
it - will have a look here.

Sometimes a reinstall works - a uninstall first, followed by
a reinstall.

Let me see what happens here.

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Jerry Curry
To: V4Protocol@yahoogroups.com
Sent: Thursday, December 16, 2010 10:02 PM
Subject: Re: [V4Protocol] 0.1.5.0 version

Howard,
I'm going to do a Remove and Re-install on it just in case something got corrupted.
Will post results after dinner.
Jerry

On Dec 16, 2010, at 5:23 PM, W6IDS wrote:
Hey Jerry,

Yep, Rick's Release Notes he sends with each version release and the
detailed Help File info.

Howard W6IDS
Richmond, IN EM79NV

545. 0.1.5.0 version

Yahoo group: V4Protocol
Date: 2010-12-17 03:19:52 UTC
From: Jack Swift - Swift Hardware
Topic: 539 Message: 545

just installed 0.1.5.0
no problems (didn't expect any)
i like how the <ctrl><cr> works - it allowed me to type several
'separate' lines and then go back and fix my typos on each line..

however... i noticed two things that 'remain'

1. the 2-tone test had my 756pro3 meter at 50watts but when i sent a
'message' it showed 25watts. this seems similar to winmor...
2. the receive window always has some 'undecodable' (red with
strikethrough) text - it just 'grows' slowly but surely. - this is 5
minutes worth:
++++++++++++
`0C<9 :\UdJi
"p i!H0⋆'#}O$H]@V=- `c hd
++++++++++++
there is some olivia on the frequency (army's KAG) intermittantly, but
it doesn't appear to be the cause. i doubt if anyone else is using KAG
for v4chat, so it must be 'static' that the program is trying to
decipher. (like me listening to one of my ex-wives <G>!)

--

vvvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD EN57rc
^^^^^^^^^^^^^^^^^^^^^^^^

546. Re: [V4Protocol] 0.1.5.0 version

Yahoo group: V4Protocol
Date: 2010-12-17 03:26:17 UTC
From: Jerry Curry
Topic: 539 Message: 546

No. I knew about that from the chatter on the group.
Jerry

On Dec 16, 2010, at 6:14 PM, W6IDS wrote:

>
> Hey!
>
> Sorry m'man, I was having a Senior Moment....I think.
>
> I got the impression that you missed the "CTRL <ENTER>"
> thingie. V0.1.5.0 kinda stinky for you? I just downloaded
> it - will have a look here.
>
> Sometimes a reinstall works - a uninstall first, followed by
> a reinstall.
>
> Let me see what happens here.
>
> Howard W6IDS
> Richmond, IN EM79NV
> ----- Original Message -----
> From: Jerry Curry
> To: V4Protocol@yahoogroups.com
> Sent: Thursday, December 16, 2010 10:02 PM
> Subject: Re: [V4Protocol] 0.1.5.0 version
>
> Howard,
> I'm going to do a Remove and Re-install on it just in case something got corrupted.
> Will post results after dinner.
> Jerry
>
> On Dec 16, 2010, at 5:23 PM, W6IDS wrote:
>> Hey Jerry,
>>
>> Yep, Rick's Release Notes he sends with each version release and the
>> detailed Help File info.
>>
>> Howard W6IDS
>> Richmond, IN EM79NV
>>
>
>
>
>

547. Re: [V4Protocol] 0.1.5.0 version

Yahoo group: V4Protocol
Date: 2010-12-17 03:35:02 UTC
From: Jerry Curry
Topic: 539 Message: 547

Up and running fine now. Did a complete re-install again and it's working OK this time. Something must have gotten jammed sideways during the first install.

Will go sit on 40 meters for awhile.

Jerry
KL7EDK

On Dec 16, 2010, at 5:23 PM, W6IDS wrote:

> Hey Jerry,
>
> Yep, Rick's Release Notes he sends with each version release and the
> detailed Help File info.
>
> Howard W6IDS
> Richmond, IN EM79NV
>
> ----- Original Message -----
> From: "kl7edk" <jercurry@...>
> To: <V4Protocol@yahoogroups.com>
> Sent: Thursday, December 16, 2010 6:51 PM
> Subject: [V4Protocol] 0.1.5.0 version
>
> > Had no problems with any previous verions but now radio won't key up.
> > Using PTT via COM2 only not rig control. Does not key for TEST Command
> > either.
> >
> > Quit the program and started MixW as a test and it keys OK so I know the
> > RASCAL interface is working properly.
> >
> > Any clues to check ?
> >
> > Jerry
>
>

548. Re: [V4Protocol] 0.1.5.0 version

Yahoo group: V4Protocol
Date: 2010-12-17 03:52:20 UTC
From: W6IDS
Topic: 539 Message: 548

OK, well the Help Info is pretty well complete - Rick et al have done
a pretty good job with the docs all things considered. This is true
also for the version releases - pretty good explanations in his follow
on messages relating to the software uploads.

Now, that said - I installed v 0.1.5.0 and it went seamlessly. Back
on line with no probs keying.

The indication of the *** Freq Changed 7073.00 Khz Dial" is kind of a
nice touch me thinks.

I'm still checking to see how this version does immediately upon sending
something like one of my user files. I notice that, as in v 0.1.4.0 too, that
you MUST be sure to have your li'l slanted cursor thingie at the end of the
text you're gonna put in Que to transmit with CTRL <ENTER>. If it isn't,
you won't transmit. You have to click at the end of the text if you're not
sitting there already. I notice that this happens sporadically - I'll have to
pay closer attention to that to verify how/wnen.

I also notice that HERE, I'd be in FEC mode of course. When I go to
Setup and diddle with something and then UPDATE, the update goes fine,
things recycle, and when all's done, I find that at the top of V4 Chat window
it shows Mode: FEC, but down in V4 Sound Card TNC it will show
V4 Mode: MON.

I saw this three times and each time when I went back to V4 Chat window,
clicked on Mode and reselected FEC, the TNC changed to V4 Mode: FEC
properly.

I'm not clear as to whether or not that's as it should be. I didn't notice in the
Help file but will look again - just something I noticed.

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Jerry Curry
To: V4Protocol@yahoogroups.com
Sent: Thursday, December 16, 2010 10:26 PM
Subject: Re: [V4Protocol] 0.1.5.0 version

No. I knew about that from the chatter on the group.
Jerry

On Dec 16, 2010, at 6:14 PM, W6IDS wrote:

Hey!

Sorry m'man, I was having a Senior Moment....I think.

I got the impression that you missed the "CTRL <ENTER>"
thingie. V0.1.5.0 kinda stinky for you? I just downloaded
it - will have a look here.

Sometimes a reinstall works - a uninstall first, followed by
a reinstall.

Let me see what happens here.

Howard W6IDS
Richmond, IN EM79NV

<SNIP> <SNIP>

549. 40m/80m frequencies in Region 1?

Yahoo group: V4Protocol
Date: 2010-12-17 09:13:38 UTC
From: Ian Wade G3NRW
Topic: 549 Message: 549

I hope to operational this weekend on V4. Couple of questions:

1. Is 14.073 dial USB the frequency to use on 20m?

2. Is there a consensus for 40m/80m frequencies in Region 1 yet? USB or LSB?

--
73
Ian, G3NRW

550. V4 on long distance VK-ON

Yahoo group: V4Protocol
Date: 2010-12-17 12:11:33 UTC
From: on30digimod
Topic: 550 Message: 550

The V4 FEC mode seems to work quite well on long distance.
Today I worked again with Mike VK3XL on 14073 at 10:50Z long path wich is about 23300km.
Score was 88 S/N 1. I could still copy CQ's from Mike at 11:45Z with score 50 S/N -4.

14.073 is usually a very busy frequency, PSK moving up from 14070, Feldhell and Olivia.
Also some deliberate qrm,I guess, from people who don't know about the new mode.

What do others think about moving to other frequencies to test V4 ?

Congratulations and many thanks to Rick and the V4 team.

73

Eddy ON5UQ.

551. Re: [V4Protocol] 0.1.5.0 version

Yahoo group: V4Protocol
Date: 2010-12-17 12:31:50 UTC
From: Jack Swift - Swift Hardware
Topic: 539 Message: 551

just highlight and <ctrl>C....
it's interesting that <ctrl>X works the same (EXACTLY SAME) as <ctrl>C
- copies, but doesn't delete...

On Fri, Dec 17, 2010 at 12:20 AM, W6IDS <w6ids@...> wrote:
> Jack - How did you copy the 5 minutes worth of receive window to be able to insert it into your message? I can't seem to do that - did try a few times.

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD EN57rc
^^^^^^^^^^^^^^^^^^^^^^^^

552. Re: [V4Protocol] Re: TX/RX turnaround

Yahoo group: V4Protocol
Date: 2010-12-17 13:48:50 UTC
From: Rick Muething
Topic: 501 Message: 552

Chris,

That should not be...The PTT should release almost immediately (about 20-50 ms) after the end of the TX audio. (Note : those using sound card VOX need to have their DLY set to minimum...but this doesn't appear to be Chris's problem.

Chris if you can please enable the V4TNC debug log. Run a test where you see this PTT hang (is it every time?) and send me the debug log directly to rmuethingATcfl.rr.com

Re the embedded Ctrl<Cr> : A good point. I will look at this and see what can be done. Since the user files are generated by a standard utility (e.g. notepad, word pad, word etc) it has to be made using a character that can be keyboard entered (basically a printing character) or string of printing char e.g. something like "~" or "###". When the file text is then loaded into the keyboard text box the special char or string would be replaced by Ctrl<Cr> and trigger the send to the output buffer. I'm inclined to use a string like "###" not likely to ever occur in normal text. Any comments out there on this?

Rick KN6KB

From: kb3cs
Sent: Thursday, December 16, 2010 8:50 PM
To: V4Protocol@...m
Subject: [V4Protocol] Re: TX/RX turnaround

I'm observing about a 1 second delay in switching back to RX from TX after the output buffer has emptied. I have monitored my transmissions using a second receiver to perform my observations.
I have set V4 AutoID off and have both enabled and disabled CWID.

My transmitter remains in TX mode with no modulation for about 1 second before the PTT is released and it returns to RX mode. The busy detector would seem to not be involved since there is not even enough audio level to cause the waterfall to go any brighter than grey while still in TX mode.

I am using serial port signaling on COM1 for PTT (RTS in this case) and serial data on COM2 (9600n1 RTS/CTS) for CAT. No VOX, no PTT derived from VOX.

The previously reported COM2 error appears to have been a transient, although changing the Radio Control Port from [None] to COM2 causes V4 to "forget" its PTT Port setting (it switches to [External]).

Is there a way to embed a Ctrl-Enter or its equivalent into a User File?

- Chris KB3CS

--- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> You didnâ□□t explain the PTT mechanism you are using and if VOX (e.g. SignaLink) if you have delay set in. For

VOX (or the SignaLink USB) you want MINIMUM VOX delay or â□□holdâ□□. Adjacent frames (when the output buffer has more data than just one frame) are sent only separated by about 600 ms.....I call that contiguous sending. Once the outbuffer empties there is a automatic hold off of I think 1-2 seconds before a new frame can be started and then ONLY when the busy detector sees a clear channel. You may have the busy detector set too sensitive...read the help on that.

> Rick KN6KB

> Sent: Wednesday, December 15, 2010 1:53 PM

> i've been following the discussion here from Post #1 and haven't seen mentioned: why is there the seeming long pause between transmitting frames and especially why is the pause from the end of the last frame until the PTT unkeys the same length as in between frames? i don't have CWID enabled, in case that's relevant.

> - Chris KB3CS

553. Re: [V4Protocol] Re: TX/RX turnaround

Yahoo group: V4Protocol
Date: 2010-12-17 14:02:26 UTC
From: Jack Swift - Swift Hardware
Topic: 501 Message: 553

how about using "<SendText>" or "<ActivatePTT>" or "<CTRL><CR>"?

that way it doesn't look like a 'secret code' which just might
accidentally occur in normal text. afterall, you used it ("###") and
we consider you to be normal...

On Fri, Dec 17, 2010 at 8:48 AM, Rick Muething <rmuething@...> wrote:
> Re the embedded Ctrl<Cr> :
When the file text is then loaded into the keyboard text box the
special char or string would be replaced by Ctrl<Cr> and trigger the
send to the output buffer. I'm inclined to use a string like "###"
not likely to ever occur in normal text. Any comments out there on
this?
>

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD EN57rc
^^^^^^^^^^^^^^^^^^^^^^^^

554. Re: [V4Protocol] 0.1.5.0 version

Yahoo group: V4Protocol
Date: 2010-12-17 14:05:16 UTC
From: W6IDS
Topic: 539 Message: 554

YIKES! DUH! I forgot about that. I've been "right-clicking" instead which gave me nothing. Thanks much.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "Jack Swift - Swift Hardware" <jswift@...>
To: <V4Protocol@yahoogroups.com>
Sent: Friday, December 17, 2010 7:31 AM
Subject: Re: [V4Protocol] 0.1.5.0 version

just highlight and <ctrl>C....
it's interesting that <ctrl>X works the same (EXACTLY SAME) as <ctrl>C - copies, but doesn't delete...

On Fri, Dec 17, 2010 at 12:20 AM, W6IDS <w6ids@...> wrote:
> Jack - How did you copy the 5 minutes worth of receive window to be able
> to insert it into your message? I can't seem to do that - did try a few
> times.

--
<SNIP> <SNIP>

555. Re: [V4Protocol] New release

Yahoo group: V4Protocol
Date: 2010-12-17 14:08:01 UTC
From: Rick Muething
Topic: 537 Message: 555

Kirk,

You can’t see your own signal in the waterfall unless:
1) You have FEC full duplex enabled (this is always enabled for the loopback and Two tone tests but otherwise is what is now set in the V4Chat setup menu)
AND
2) You have the transmit audio getting into the receive audio (via audio patch, acoustic feedback, VAC feedback, radio monitor function (some radios), or just plain signal leakage from the sound card or sound card interface.

You should be able to avoid seeing the waterfall during transmit simply by unchecking FEC full duplex.

Rick KN6KB

556. Re: [V4Protocol] Re: TX/RX turnaround

Yahoo group: V4Protocol
Date: 2010-12-17 14:26:04 UTC
From: Warren Moxley
Topic: 501 Message: 556

Rick,

FLDigi uses <TX> in the macro text files just for this purpose and <RX> to start the receive in a macro/text file. In other words <TX> at the end of your text file would trigger the PPT.

Warren K5WGM

--- On Fri, 12/17/10, Rick Muething <rmuething@...> wrote:

From: Rick Muething <rmuething@...>
Subject: Re: [V4Protocol] Re: TX/RX turnaround
To: V4Protocol@yahoogroups.com
Date: Friday, December 17, 2010, 7:48 AM

Chris,

That should not be...The PTT should release almost immediately (about 20-50 ms) after the end of the TX audio. (Note : those using sound card VOX need to have their DLY set to minimum...but this doesn't appear to be Chris's problem.

Chris if you can please enable the V4TNC debug log. Run a test where you see this PTT hang (is it every time?) and send me the debug log directly to rmuethingATcfl.rr.com

Re the embedded Ctrl<Cr> : A good point. I will look at this and see what can be done. Since the user files are generated by a standard utility (e.g. notepad, word pad, word etc) it has to be made using a character that can be keyboard entered (basically a printing character) or string of printing char e.g. something like "~" or "###". When the file text is then loaded into the keyboard text box the special char or string would be replaced by Ctrl<Cr> and trigger the send to the output buffer. I'm inclined to use a string like "###" not likely to ever occur in normal text. Any comments out there on this?

Rick KN6KB

From: kb3cs
Sent: Thursday, December 16, 2010 8:50 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: TX/RX turnaround

I'm observing about a 1 second delay in switching back to RX from TX after the output buffer has emptied. I have monitored my transmissions using a second receiver to perform my observations.
I have set V4 AutoID off and have both enabled and disabled CWID.

My transmitter remains in TX mode with no
modulation for about 1 second before the PTT is released and it returns to RX mode. The busy detector would seem to not be involved since there is not even enough audio level to cause the waterfall to go any brighter than grey while still in TX mode.

I am using serial port signaling on COM1 for PTT (RTS
in this case) and serial data on COM2 (9600n1 RTS/CTS) for CAT. No VOX, no PTT derived from VOX.

The previously reported COM2 error appears to have been
a transient, although changing the Radio Control Port from [None] to COM2 causes V4 to "forget" its PTT Port setting (it switches to [External]).

Is
there a way to embed a Ctrl-Enter or its equivalent into a User File?

-
Chris KB3CS

--- In mailto:V4Protocol%40yahoogroups.com,
"Rick Muething" <rmuething@...> wrote:
>
> You didnât
explain the PTT mechanism you are using and if VOX (e.g. SignaLink) if you have delay set in. For VOX (or the SignaLink USB) you want MINIMUM VOX delay or âholdâ. Adjacent frames (when the output buffer has more data than just one frame) are sent only separated by about 600 ms.....I call that contiguous sending. Once the outbuffer empties there is a automatic hold off of I think 1-2 seconds before a new frame can be started and then ONLY when the busy detector sees a clear channel. You may have the busy detector set too sensitive...read the help on that.
>
> Rick KN6KB
>
>
> Sent:
Wednesday, December 15, 2010 1:53 PM
>
> i've been following the
discussion here from Post #1 and haven't seen mentioned: why is there the seeming long pause between transmitting frames and especially why is the pause from the end of the last frame until the PTT unkeys the same length as in between frames? i don't have CWID enabled, in case that's relevant.
>

> - Chris KB3CS
>

557. Re: [V4Protocol] 0.1.5.0 version

Yahoo group: V4Protocol
Date: 2010-12-17 14:38:51 UTC
From: Rick Muething
Topic: 539 Message: 557

Jack,

The two tone test delivers a peak waveform (two tone) with a RMS value (what you would get with a average reading watt meter) of 70.7% of the peak. E.g. 70.7 watts on a 100 watt PEP transmitter. Beyond that level (70% of PEP output) you can start to get flat topping of the two tone (used for the leader) which could cause splatter or ALC.

The data segment uses a single phase synchronous one of 4 tones sent at 70% of the peak of the two tone peak. This has no amplitude modulation so its average is also 70% or 70 watts.

So if you set the two tone for 70% of your rated PEP output the average reading wattmeter should read a constant 70% for both leader and data. Another way of saying this is the crest factor of V4 is a constant 1.41.

The level of the data signal COULD be safely (no transmitter over drive) increased to 100% of PEP but that could pose an over temp risk to most ham radios when sending long files so I chose to limit it to 70%. It would however give about 1.5 dB stronger signal at the receive end which would yield slightly better decoding but wouldn’t improve the leader detection.

The red printing on an open channel is a tradeoff. The threshold for leader detection and sync detection are all numbers...how good is the leader and how “close” is the sync symbol string. Setting that threshold will take some optimization (I would rather it not be a user set limit for a number of reasons). The tradeoff is suppress all (well at least most all) open channel “printing” but also reduce the sensitivity to copy very weak V4 signals. Right now it is set to capture about 90% of the V4 frames on a multipath path poor channel at −5dB. (a pretty poor signal). One possibility is to “gang” the decode “threshold” to the busy detector “threshold” allowing some user control. I’ll have to experiment with that. If it looks promising I’ll include it in a later rev.

Rick KN6KB

From: Jack Swift - Swift Hardware
Sent: Thursday, December 16, 2010 10:19 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] 0.1.5.0 version

just installed 0.1.5.0
no problems (didn't expect any)
i like how the <ctrl><cr> works - it allowed me to type several
'separate' lines and then go back and fix my typos on each line..

however... i noticed two things that 'remain'

1. the 2-tone test had my 756pro3 meter at 50watts but when i sent a
'message' it showed 25watts. this seems similar to winmor...
2. the receive window always has some 'undecodable' (red with

strikethrough) text - it just 'grows' slowly but surely. - this is 5
minutes worth:
++++++++++++
`0C<9 :\UdJi
"p i!H0*'#}O$H]@V=- `c hd
++++++++++++
there is some olivia on the frequency (army's KAG) intermittantly, but
it doesn't appear to be the cause. i doubt if anyone else is using KAG
for v4chat, so it must be 'static' that the program is trying to
decipher. (like me listening to one of my ex-wives <G>!)

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD EN57rc
^^^^^^^^^^^^^^^^^^^^^^^

558. Re: [V4Protocol] Re: TX/RX turnaround

Yahoo group: V4Protocol
Date: 2010-12-17 14:50:01 UTC
From: Rick Muething
Topic: 501 Message: 558

Warren, Jack,

Either of your solutions are fine. I tend to like the <TX> as it is pretty self explanatory and not likely to be found in any embedded text. We need to remember that this is only for pre configured brag files that you want to auto send so it isn't something you are doing a lot with every QSO... Requiring 4 keys "<TX>" at the end of the file seems pretty reasonable.

I'll plan on adding that and we see how it works.

Rick KN6KB

559. Re: TX/RX turnaround

Yahoo group: V4Protocol
Date: 2010-12-17 14:56:46 UTC
From: la7um
Topic: 501 Message: 559

Rick: I suggest the simple, indicative, but even more "crazy" string:
++t+ This don't normally occur, and doesn't involve the shift button.

We used it for 15 years here in Synapse 1, for live "through packet radio" switching directions on a live pactor, amtor or gtor arq link and also fec link.

This was for remote indicating a command to the SW to execute a typical KAM+ command normally locally involving the ctrlbutton. Thus executing transmit, receive, disconnect, abort wihtout accidentally breaking the link by error. The commands were easy to learn.

We used on the fly: ++t+ ++r+ ++d+ ++a+ ++btu+

executing ctrlT ctrlR ctrlD ctrlA ++btu+ even inserted automatically: <URcall de MYcall btu> and then changed from ISS to IRS when buffer empty.

As an extra condition, the string had to be first on a new line.

So a normal Enter was done first, then the special string.

This solution never imposed any problem, and the sequence could even be transmittet as part of the text, just avoiding it beeing the first on a new line.

We even used --setf- --getf- and other similar created commands to execute "non KAM commands" f.ex changing frequency, checking frequency of the system via the remote live packet connection for execution on another port for rig control, or switching relays etc...

Just a suggestion.
73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Chris,
>
> That should not be...The PTT should release almost immediately (about 20-50 ms) after the end of the TX audio. (Note : those using sound card VOX need to have their DLY set to minimum...but this doesnâ□□t appear to be Chrisâ□□s problem.
>
> Chris if you can please enable the V4TNC debug log. Run a test where you see this PTT hang (is it every time?) and send me the debug log directly to rmuethingATcfl.rr.com
>
> Re the embedded Ctrl<Cr> : A good point. I will look at this and see what can be done. Since the user files are generated by a standard utility (e.g. notepad, word pad, word etc) it has to be made using a character that can be keyboard entered (basically a printing character) or string of printing char e.g. something like â□□~â□□ or â□□###â□□. When the file text is then loaded into the keyboard text box the special char or string would be replaced by Ctrl<Cr> and trigger the send to the output buffer. Iâ□□m inclined to use a string like â□□###â□□ not likely to ever occur in normal text. Any comments out there on this?
>

> Rick KN6KB
>
>
> From: kb3cs
> Sent: Thursday, December 16, 2010 8:50 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: TX/RX turnaround
>
>
> I'm observing about a 1 second delay in switching back to RX from TX after the output buffer has emptied. I have monitored my transmissions using a second receiver to perform my observations.
> I have set V4 AutoID off and have both enabled and disabled CWID.
>
> My transmitter remains in TX mode with no modulation for about 1 second before the PTT is released and it returns to RX mode. The busy detector would seem to not be involved since there is not even enough audio level to cause the waterfall to go any brighter than grey while still in TX mode.
>
> I am using serial port signaling on COM1 for PTT (RTS in this case) and serial data on COM2 (9600n1 RTS/CTS) for CAT. No VOX, no PTT derived from VOX.
>
> The previously reported COM2 error appears to have been a transient, although changing the Radio Control Port from [None] to COM2 causes V4 to "forget" its PTT Port setting (it switches to [External]).
>
> Is there a way to embed a Ctrl-Enter or its equivalent into a User File?
>
> - Chris KB3CS
>
> --- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> >
> > You didnÃ¢Â□Â□t explain the PTT mechanism you are using and if VOX (e.g. SignaLink) if you have delay set in. For VOX (or the SignaLink USB) you want MINIMUM VOX delay or Ã¢Â□Â□holdÃ¢Â□Â□. Adjacent frames (when the output buffer has more data than just one frame) are sent only separated by about 600 ms.....I call that contiguous sending. Once the outbuffer empties there is a automatic hold off of I think 1-2 seconds before a new frame can be started and then ONLY when the busy detector sees a clear channel. You may have the busy detector set too sensitive...read the help on that.
> >
> > Rick KN6KB
> >
> >
> > Sent: Wednesday, December 15, 2010 1:53 PM
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> >
> > - Chris KB3CS
> >
>

560. Re: [V4Protocol] New release

Yahoo group: V4Protocol
Date: 2010-12-17 14:58:25 UTC
From: W6IDS
Topic: 537 Message: 560

Hey Rick,

How about this?

I have the FEC Full Duplex NOT checked or enabled.

After Updating and resetting, and resetting the Sound Card TNC from
MON to FEC again, when I transmit, I see myself in the waterfall.

V4 Chat says Mode: FEC, V4 Sound Card TNC (in Standby) says
"V4 Mode: FEC" which changes to "V4 Mode: FEC FD".

V4 Chat continues to display Mode: FEC at the same time.

Does my description relate to this thread?

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Friday, December 17, 2010 9:08 AM
Subject: Re: [V4Protocol] New release

Kirk,

You can’t see your own signal in the waterfall unless:
1) You have FEC full duplex enabled (this is always enabled for the loopback and Two tone tests but otherwise is what is now set in the V4Chat setup menu)
AND
2) You have the transmit audio getting into the receive audio (via audio patch, acoustic feedback, VAC feedback, radio monitor function (some radios), or just plain signal leakage from the sound card or sound card interface.

You should be able to avoid seeing the waterfall during transmit simply by unchecking FEC full duplex.

Rick KN6KB

561. Re: [V4Protocol] 0.1.5.0 version

Yahoo group: V4Protocol
Date: 2010-12-17 15:44:46 UTC
From: Jack Swift - Swift Hardware
Topic: 539 Message: 561

On Fri, Dec 17, 2010 at 9:38 AM, Rick Muething <rmuething@...> wrote:
>
> So if you set the two tone for 70% of your rated PEP output the average reading wattmeter should read a constant 70% for both leader and data.
>
+++ i guess you're saying that my pro3 wattmeter is the problem... ok,
i accept that and will use the 2-tone for setting my output and ignore
the readings when i send actual data.

> The red printing on an open channel is a tradeoff. The threshold for leader detection and sync detection are all numbers...how good is the leader and how “close” is the sync symbol string. Setting that threshold will take some optimization (I would rather it not be a user set limit for a number of reasons). The tradeoff is suppress all (well at least most all) open channel “printing” but also reduce the sensitivity to copy very weak V4 signals. Right now it is set to capture about 90% of the V4 frames on a multipath path poor channel at –5dB. (a pretty poor signal). One possibility is to “gang” the decode “threshold” to the busy detector “threshold” allowing some user control. I’ll have to experiment with that. If it looks promising I’ll include it in a later rev.
>
++++++++++ i agree with what you're doing and why you're doing it
that way. i'd rather have the hash than miss the 'good stuff''.. the
interesting part will be what happens when using arq - that should
remove the hash.

thanks for the great new mode!

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD EN57rc
^^^^^^^^^^^^^^^^^^^^^^^^

562. Re: 40m/80m frequencies in Region 1?

Yahoo group: V4Protocol
Date: 2010-12-17 16:05:35 UTC
From: Mushtaq
Topic: 549 Message: 562

Ian, regarding your question V4 Mode should be LSB on 40m and 80m. Tomorrow and Sunday I will listen on 7040 lsb from 07:00 GMT till 10:00GMT, afterwards I will be QSY on 20m 14073 usb and 17m 18085 usb, please listen for my CQ calls on both frequencies.
73 de Mushtaq / LA3RIA

--- In V4Protocol@yahoogroups.com, Ian Wade G3NRW <g3nrw@...> wrote:
>
> I hope to operational this weekend on V4. Couple of questions:
>
> 1. Is 14.073 dial USB the frequency to use on 20m?
>
> 2. Is there a consensus for 40m/80m frequencies in Region 1 yet? USB or
> LSB?
>
> --
> 73
> Ian, G3NRW
>

563. Re: [V4Protocol] Re: 40m/80m frequencies in Region 1?

Yahoo group: V4Protocol
Date: 2010-12-17 16:16:42 UTC
From: Ian Wade G3NRW
Topic: 549 Message: 563

From: Mushtaq <la3ria@...>
Date: Fri, 17 Dec 2010 Time: 16:05:35

>Ian, regarding your question V4 Mode should be LSB on 40m and 80m.

OK.

>Tomorrow and Sunday I will listen on 7040 lsb from 07:00 GMT till
>10:00GMT, afterwards I will be QSY on 20m 14073 usb and 17m 18085 usb,
>please listen for my CQ calls on both frequencies.

Again, OK. I have a voice sked on 80m from 08:00 to 09:00 UTC, and will switch to 7040 LSB V4 at around 10:00.

--
73
Ian, G3NRW

564. Re: [V4Protocol] Re: 40m/80m frequencies in Region 1?

Yahoo group: V4Protocol
Date: 2010-12-17 16:28:27 UTC
From: Ian Wade G3NRW
Topic: 549 Message: 564

From: Ian Wade G3NRW <g3nrw@...>
Date: Fri, 17 Dec 2010 Time: 16:16:42

>Again, OK. I have a voice sked on 80m from 08:00 to 09:00 UTC, and will
>switch to 7040 LSB V4 at around 10:00.
>

Obs. I should have said I will QSY to V4 at around 09:00.

--
73
Ian, G3NRW

565. Re: 40m/80m frequencies in Region 1?

Yahoo group: V4Protocol
Date: 2010-12-17 16:57:46 UTC
From: Daniel V. Wolff, Jr.
Topic: 549 Message: 565

I know a few stations that have used 7037.0 USB in Region 1, instead of 7073.0 USB as used in Region 2. The frequency 7037.0 seems to be a compromise to get below the SSB, RTTY, and other digital modes and yet above the PSK31 stations. However, the PSK31 stations, if it's crowded, keep the "BUSY" detector active on V4-Chat. The lower section of 40 meters in Region 1 is pretty compact and finding a clear frequency can be difficult in Region 1 but others may have a better suggestion. The only stations I've heard so far on 80 meters in Region 1 were around 3587.0 USB but somebody may have an input on this too.

73,

Daniel V. Wolff, Jr.
DL4VCW / KA7AGN / AEM1WF (MARS)
<http://www.qsl.net/dl4vcw/> http://www.qsl.net/dl4vcw/

<http://www.qsl.net/ka7agn/> http://www.qsl.net/ka7agn/

<http://www.qsl.net/aem1wf/> http://www.qsl.net/aem1wf/

Classification: UNCLASSIFIED
Caveats: NONE

<http://groups.yahoo.com/group/V4Protocol/message/549;_ylc=X3oDMTJxbzZ2bDhqBF9TAzk3MzU5NzE1BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM1NDkEc2VjA2Rtc2cEc2xrA3Ztc2cEc3RpbWUDMTI5MjU4MzIwOQ--> 40m/80m frequencies in Region 1?

Posted by: "Ian Wade G3NRW"
<mailto:g3nrw@...?Subject=%20Re%3A%2040m%2F80m%20frequencies%20in%20Region%201%3F> g3nrw@... <http://profiles.yahoo.com/g3nrw> g3nrw

Fri Dec 17, 2010 1:14 am (PST)

I hope to operational this weekend on V4. Couple of questions:

1. Is 14.073 dial USB the frequency to use on 20m?

2. Is there a consensus for 40m/80m frequencies in Region 1 yet? USB or LSB?

--
73
Ian, G3NRW

566. Remote Desktop exceptions logged

Yahoo group: V4Protocol
Date: 2010-12-17 17:08:32 UTC
From: kb3cs
Topic: 566 Message: 566

V4 Chat has worked fine for QSOs at this station via Remote Desktop, but the Exceptions log shows:
2010/12/17 12:14:05 [0.1.5.0] [DisplayConstellation] Err: A generic error occurred in GDI+.

at a rate of about 50 per second (!!) so long as the Remote Desktop session is active. It appears to be a generic non-error to this Op since all V4 Chat functions occur properly.

- Chris KB3CS

567. Soundcard error and recovery

Yahoo group: V4Protocol
Date: 2010-12-17 17:15:46 UTC
From: kb3cs
Topic: 567 Message: 567

on the order of about once per hour, the following exceptions are logged:
2010/12/17 10:22:39 [0.1.5.0] [V4Interface, tmrPoll Tick] Sound card data capture failure.
2010/12/17 10:22:40 [0.1.5.0] [V4Interface, tmrPoll Tick] Capture device Restart Successful.

the TNC doesn't crash and remains running all night despite the logged exceptions and the soundcard level controls remain as I set them, but the soundcard operation changes to some internally stored default settings it seems upon being Restarted. I must nudge both input and output levels and turn on and back off the AGC each time this happens. WINMOR has the same behavior on soundcard Restart, as I recall.

could V4 Chat capture soundcard settings and reassert them after performing a Restart? a sort of configuration save and restore?

- Chris KB3CS

568. Calling CQ 7040 LSB now (18:20UTC) from UK

Yahoo group: V4Protocol
Date: 2010-12-17 18:21:04 UTC
From: Ian Wade G3NRW
Topic: 568 Message: 568

Calling CQ 7040 LSB now (18:20UTC) from UK

--
73
Ian, G3NRW

569. Re: Calling CQ 7040 LSB now (18:20UTC) from UK

Yahoo group: V4Protocol
Date: 2010-12-17 19:29:41 UTC
From: Mushtaq
Topic: 568 Message: 569

Ian, someone has suggest to me all Digital modes should transmit in USB.
73 es CU TMW
De Mushtaq

--- In V4Protocol@yahoogroups.com, Ian Wade G3NRW <g3nrw@...> wrote:
>
> Calling CQ 7040 LSB now (18:20UTC) from UK
>
> --
> 73
> Ian, G3NRW
>

570. Re: Calling CQ 7040 LSB now (18:20UTC) from UK

Yahoo group: V4Protocol
Date: 2010-12-17 19:40:39 UTC
From: jhhaynes@earthlink.net
Topic: 568 Message: 570

--- In V4Protocol@yahoogroups.com, "Mushtaq" <la3ria@...> wrote:
>
> Ian, someone has suggest to me all Digital modes should transmit in USB.
> 73 es CU TMW
> De Mushtaq

Yes, yes! We seem to have a consensus that all digital modes are USB on all bands now, so I would hope we don't have to argue over it again each time a new digital mode comes along. Even tho RTTY used to be LSB on all bands, but now all the RTTY software allows for inverting the AFSK tones so that the radio can be left in USB all the time. The only one I know of that is left on LSB as a standard is Clover, and you don't hear much Clover anymore.

Jim W6JVE

571. Re: [V4Protocol] Re: Calling CQ 7040 LSB now (18:20UTC) from UK

Yahoo group: V4Protocol
Date: 2010-12-17 20:27:36 UTC
From: Ian Wade G3NRW
Topic: 568 Message: 571

From: jhhaynes@...
Date: Fri, 17 Dec 2010 Time: 19:40:39
>--- In V4Protocol@yahoogroups.com, "Mushtaq" <la3ria@...> wrote:
>>
>> Ian, someone has suggest to me all Digital modes should transmit in USB.
>> 73 es CU TMW
>> De Mushtaq
>
>Yes, yes! We seem to have a consensus that all digital modes are
>USB on all bands now, so I would hope we don't have to argue over
>it again each time a new digital mode comes along. Even tho RTTY
>used to be LSB on all bands, but now all the RTTY software allows
>for inverting the AFSK tones so that the radio can be left in USB
>all the time. The only one I know of that is left on LSB as a
>standard is Clover, and you don't hear much Clover anymore.
>
>Jim W6JVE

Jim, that was my understanding all along. That is, all digital modes should use USB on all bands these days. I only suggested LSB because others had done so elsewhere.

So from now on I will only use USB. Also from now on I will announce activity and arrange skeds through Andy's page:

http://www.obriensweb.com/sked/

rather than clog up this list.

--
73
Ian, G3NRW

572. SNR Question

Yahoo group: V4Protocol
Date: 2010-12-17 22:00:24 UTC
From: Phil Williams
Topic: 572 Message: 572

Rick,

At what bandwidth are you measure the SNR at?

--
Philw de KA1GMN

573. Re: [V4Protocol] Re: 40m/80m frequencies in Region 1?

Yahoo group: V4Protocol
Date: 2010-12-18 00:55:54 UTC
From: W6IDS
Topic: 549 Message: 573

Hi Dan,

Can V4 coexist with RTTY and CW?

Howard W6IDS
Richmond, IN Em79NV
----- Original Message -----
From: Daniel V. Wolff, Jr.
To: V4Protocol@yahoogroups.com
Sent: Friday, December 17, 2010 11:57 AM
Subject: [V4Protocol] Re: 40m/80m frequencies in Region 1?

I know a few stations that have used 7037.0 USB in Region 1, instead of 7073.0 USB as used in Region 2. The frequency 7037.0 seems to be a compromise to get below the SSB, RTTY, and other digital modes and yet above the PSK31 stations. However, the PSK31 stations, if it's crowded, keep the "BUSY" detector active on V4-Chat. The lower section of 40 meters in Region 1 is pretty compact and finding a clear frequency can be difficult in Region 1 but others may have a better suggestion. The only stations I've heard so far on 80 meters in Region 1 were around 3587.0 USB but somebody may have an input on this too.

Daniel V. Wolff, Jr.
DL4VCW / KA7AGN / AEM1WF (MARS)

574. AW: [V4Protocol] Re: Calling CQ 7040 LSB now (18:20UTC) from UK

Yahoo group: V4Protocol
Date: 2010-12-18 10:45:12 UTC
From: Siegfried Jackstien
Topic: 568 Message: 574

Digital sstv on 80m is often sent in lsb as talking between the pics is sometimes used

My 0.02$

Dg9bfc

Sigi

575. [0.1.5.0] Day 1 observations

Yahoo group: V4Protocol
Date: 2010-12-18 12:11:41 UTC
From: Ian Wade G3NRW
Topic: 575 Message: 575

[0.1.5.0]

I have only been using V4 for a few hours, but a couple of observations immediately come to mind:
~~~
~~~

576. [0.1.5.0] Day 1 observations

Yahoo group: V4Protocol
Date: 2010-12-18 12:13:50 UTC
From: Ian Wade G3NRW
Topic: 575 Message: 576

[0.1.5.0]

I have only been using V4 for a few hours, but a couple of observations immediately come to mind:
~~~
~~~

577. Re: [V4Protocol] [0.1.5.0] Day 1 observations

Yahoo group: V4Protocol
Date: 2010-12-18 13:05:45 UTC
From: OE3ZK
Topic: 575 Message: 577

G3NRW wrote:

> 2. Weak signal decoding: My first subjective impression is that weak
> signal decoding may not be as efficient as I might have expected. Even
> when I can clearly see/hear weak signals, well above the noise, there is
> still no decoding.

Absolutely - V4 decoding in WEAK SIGNAL and in QRM/QRN conditions is very
poor compared to PSK31 decoding in similar condx...

73
Gert, OE3ZK

----- Original Message -----
From: "Ian Wade G3NRW" <g3nrw@...>
To: <V4Protocol@yahoogroups.com>
Sent: Saturday, December 18, 2010 1:11 PM
Subject: [V4Protocol] [0.1.5.0] Day 1 observations

> [0.1.5.0]
>
> I have only been using V4 for a few hours, but a couple of observations
> immediately come to mind:
> ~~~~~~
> 1. Busy channel: The TNC appears to be much too sensitive to other
> stations outside the yellow tramlines, to the extent that it defers from
> transmission when even very weak signals are present a long way (>150Hz)
> from the V4 center frequency. As a result, transmission is prevented far
> too often, when there is often clear blue sky at V4 center +/- 100Hz. I
> think the busy algorithm could be considerably tightened, to only
> prevent transmission if received signals are less than, say, +/- 120Hz
> from center frequency.
>
> 2. Weak signal decoding: My first subjective impression is that weak
> signal decoding may not be as efficient as I might have expected. Even
> when I can clearly see/hear weak signals, well above the noise, there is
> still no decoding.
> ~~~~~~
>
> Nevertheless, an interesting mode, and I'm looking forward to further
> developments.
>
> --
> 73
> Ian, G3NRW
>

>
>
>

578. Greentings & Info from Finland in EU

Yahoo group: V4Protocol
Date: 2010-12-18 13:09:13 UTC
From: Juhani
Topic: 578 Message: 578

Hello all. Here are active stations at least OH5RM, OH3NJC, OH7JJT and me. Most we are on 3590 USB weekends. I have just now my 1st QSO with om Jouko OH5RM.
First observations: I have soundcard slide settings as WINMOR mode but TNC drive level must be set 83 so output power is is only abt 15W from myÃ¶ JUMA TRX2A & JUMA PA-100, max is 150W!
With these setting OH5RM can copy me 100%, more power set by drive level: NIL.
BTW is use QuickMix so easy soundcard set for different digi modes.
73 & MRY XMAS to all
//"Yussi" OH7TE

579. Re: [0.1.5.0] Day 1 observations

Yahoo group: V4Protocol
Date: 2010-12-18 15:42:32 UTC
From: slotman2000
Topic: 575 Message: 579

--- In V4Protocol@yahoogroups.com, Ian Wade G3NRW <g3nrw@...> wrote:
>
> [0.1.5.0]
>
> I have only been using V4 for a few hours, but a couple of observations
> immediately come to mind:
> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
> 1. Busy channel: The TNC appears to be much too sensitive to other
> stations outside the yellow tramlines, to the extent that it defers from
> transmission when even very weak signals are present a long way (>150Hz)
> from the V4 center frequency. As a result, transmission is prevented far
> too often, even when there is clear blue sky at V4 center +/- 100Hz. I
> think the busy algorithm could be considerably tightened, to only
> prevent transmission if received signals are less than, say, +/- 120Hz
> from center frequency.
>
> 2. Weak signal decoding: My first subjective impression is that weak
> signal decoding may not be as efficient as I might have expected. Even
> when I can clearly see/hear weak signals, well above the noise, there is
> still no decoding.
> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
>
> Nevertheless, an interesting mode, and I'm looking forward to further
> developments.
>
> --
> 73
> Ian, G3NRW
>
I have been using V4 for nearly 1 week and although quite a few qso's many are spoiled by the BUSY N comming on. Somtimes even with a strong V4 signal the BUSY N appears and stops reception of the V4 signal. I have tried putting the "busy detector squelch" up to 10 and also reducing the RF gain on the rig but it does not make much difference. Is it possible that the strong V4 signal is being overdriven ? and thats why the TNC thinks it is not V4 and puts the BUSY N up !
73 Don G3VCG

580. Specifying Debug Log Path?

Yahoo group: V4Protocol
Date: 2010-12-18 16:06:26 UTC
From: Phil Williams
Topic: 580 Message: 580

In the configuration file...is there a variable to specify the path of the debug logs??

--
Philw de KA1GMN

581. Re: [V4Protocol] Specifying Debug Log Path?

Yahoo group: V4Protocol
Date: 2010-12-18 16:26:24 UTC
From: Rick Muething
Topic: 580 Message: 581

The log files are in the subdirectory \Logs under the installation directory. There is no .ini file defined path.

Rick KN6KB

From: Phil Williams
Sent: Saturday, December 18, 2010 11:06 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Specifying Debug Log Path?

In the configuration file...is there a variable to specify the path of the debug logs??

--
Philw de KA1GMN

582. Re: [V4Protocol] Re: [0.1.5.0] Day 1 observations

Yahoo group: V4Protocol
Date: 2010-12-18 16:31:10 UTC
From: Rick Muething
Topic: 575 Message: 582

Ian,

thanks for the feedback. The busy detector width is a function of the tuning range selected (the auto tuning should auto tune anyhing between the green lines so that is basically what is used as the limits of the busy detector. There is of course some round off error as well sensitivity to spill over so I can probably pull them in somewhat still making the busy detector range a function of the tuning (not a fixed value from center frequency).

There are many factors and parameters that determine the overall weak signal detection and It will take some time to work on this. The HF simulator I have only takes the signal down to −5dB S/N (3 KHz noise bw) so some of these tests and optimizations have to be done on air which makes it more difficult (they aren't repeatable).

Rick KN6KB

From: slotman2000
Sent: Saturday, December 18, 2010 10:42 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: [0.1.5.0] Day 1 observations

--- In mailto:V4Protocol%40yahoogroups.com, Ian Wade G3NRW <g3nrw@...> wrote:
>
> [0.1.5.0]
>
> I have only been using V4 for a few hours, but a couple of observations
> immediately come to mind:
> ~~~~~~
> 1. Busy channel: The TNC appears to be much too sensitive to other
> stations outside the yellow tramlines, to the extent that it defers from
> transmission when even very weak signals are present a long way (>150Hz)
> from the V4 center frequency. As a result, transmission is prevented far
> too often, even when there is clear blue sky at V4 center +/- 100Hz. I
> think the busy algorithm could be considerably tightened, to only
> prevent transmission if received signals are less than, say, +/- 120Hz
> from center frequency.
>
> 2. Weak signal decoding: My first subjective impression is that weak
> signal decoding may not be as efficient as I might have expected. Even
> when I can clearly see/hear weak signals, well above the noise, there is
> still no decoding.
> ~~~~~~
>
> Nevertheless, an interesting mode, and I'm looking forward to further
> developments.
>
> --

> 73
> Ian, G3NRW
>
I have been using V4 for nearly 1 week and although quite a few qso's many are spoiled by the BUSY N comming on. Somtimes even with a strong V4 signal the BUSY N appears and stops reception of the V4 signal. I have tried putting the "busy detector squelch" up to 10 and also reducing the RF gain on the rig but it does not make much difference. Is it possible that the strong V4 signal is being overdriven ? and thats why the TNC thinks it is not V4 and puts the BUSY N up !
73 Don G3VCG

583. Re: [V4Protocol] SNR Question

Yahoo group: V4Protocol
Date: 2010-12-18 16:40:50 UTC
From: Rick Muething
Topic: 572 Message: 583

Phil,

The Noise is actually measured (using the four 4FSK bins) which is about 200 Hz bw but I am “fudging” the reported S/N number to match the S/N output of my HF simulator which claims to be 3 KHz Noise BW. Usually CCIR S/N channels are referred to 3 KHZ noise bw so I used that for consistency. The readout on the constellation does track my simulator output fairly well over the range –5 to +15 dB.

Rick KN6KB

From: Phil Williams
Sent: Friday, December 17, 2010 5:00 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] SNR Question

Rick,

At what bandwidth are you measure the SNR at?

--
Philw de KA1GMN

584. New to V4

Yahoo group: V4Protocol
Date: 2010-12-18 17:03:25 UTC
From: Steve
Topic: 584 Message: 584

I am the new kid on the block and still waiting for hear a V4 signal. Been watching the K3UK Digitalradio sked page, but have been at work all week, and not home during most of the activity. Also living on the US west coast has me out sync time wise. Most have gone to bed by the time I got home from work.

It is Saturday and I should be able to listen for signals. Currently parked on 14.073 USB dial frequency and hope to simply decode some signals.

I use a FLEX-5000A and VAC 4.9 and am no stranger to sound card modes. I didn't participate in the WINMOR roll out as I am not interested in email or messaging. But I do like the keyboard to keyboard modes and some JT-65A.

V4 looks like it could fill the void between JT-65A and the more conversational modes.

73,

Steve N6VL
DM03xu

585. Re: [V4Protocol] SNR Question

Yahoo group: V4Protocol
Date: 2010-12-18 17:03:52 UTC
From: Phil Williams
Topic: 572 Message: 585

Interesting. Thanks Rick....philw de ka1gmn

On Sat, Dec 18, 2010 at 10:40 AM, Rick Muething <rmuething@...>wrote:

>
>
> Phil,
>
> The Noise is actually measured (using the four 4FSK bins) which is about
> 200 Hz bw but I am “fudging” the reported S/N number to match the S/N output
> of my HF simulator which claims to be 3 KHz Noise BW. Usually CCIR S/N
> channels are referred to 3 KHZ noise bw so I used that for consistency. The
> readout on the constellation does track my simulator output fairly well over
> the range –5 to +15 dB.
>
> Rick KN6KB
>
> *From:* Phil Williams <ka1gmn@...>
> *Sent:* Friday, December 17, 2010 5:00 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] SNR Question
>
>
>
> Rick,
>
> At what bandwidth are you measure the SNR at?
>
> --
> Philw de KA1GMN
>
>
>

--
Philw de KA1GMN

586. Re: [V4Protocol] Re: [0.1.5.0] Day 1 observations

Yahoo group: V4Protocol
Date: 2010-12-18 17:05:39 UTC
From: Phil Williams
Topic: 575 Message: 586

So maybe is more of a case of centering up on the received signal and
adjusting the tune range?...philw de ka1gmn

On Sat, Dec 18, 2010 at 10:31 AM, Rick Muething <rmuething@...>wrote:

>
>
> Ian,
>
> thanks for the feedback. The busy detector width is a function of the
> tuning range selected (the auto tuning should auto tune anyhing between the
> green lines so that is basically what is used as the limits of the busy
> detector. There is of course some round off error as well sensitivity to
> spill over so I can probably pull them in somewhat still making the busy
> detector range a function of the tuning (not a fixed value from center
> frequency).
>
> There are many factors and parameters that determine the overall weak
> signal detection and It will take some time to work on this. The HF
> simulator I have only takes the signal down to –5dB S/N (3 KHz noise bw) so
> some of these tests and optimizations have to be done on air which makes it
> more difficult (they aren’t repeatable).
>
> Rick KN6KB
>
>
> *From:* slotman2000 <drwilks@...>
> *Sent:* Saturday, December 18, 2010 10:42 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] Re: [0.1.5.0] Day 1 observations
>
>
>
>
>
>
>
> --- In mailto:V4Protocol%40yahoogroups.com <V4Protocol%40yahoogroups.com>,
> Ian Wade G3NRW <g3nrw@...> wrote:
> >
> > [0.1.5.0]
> >
> > I have only been using V4 for a few hours, but a couple of observations
> > immediately come to mind:
> > ~~~~~~
> > 1. Busy channel: The TNC appears to be much too sensitive to other
> > stations outside the yellow tramlines, to the extent that it defers from

> > transmission when even very weak signals are present a long way (>150Hz)
> > from the V4 center frequency. As a result, transmission is prevented far
> > too often, even when there is clear blue sky at V4 center +/- 100Hz. I
> > think the busy algorithm could be considerably tightened, to only
> > prevent transmission if received signals are less than, say, +/- 120Hz
> > from center frequency.
> >
> > 2. Weak signal decoding: My first subjective impression is that weak
> > signal decoding may not be as efficient as I might have expected. Even
> > when I can clearly see/hear weak signals, well above the noise, there is
> > still no decoding.
> > ~~~~~~
> >
> > Nevertheless, an interesting mode, and I'm looking forward to further
> > developments.
> >
> > --
> > 73
> > Ian, G3NRW
> >
> I have been using V4 for nearly 1 week and although quite a few qso's many
> are spoiled by the BUSY N comming on. Somtimes even with a strong V4 signal
> the BUSY N appears and stops reception of the V4 signal. I have tried
> putting the "busy detector squelch" up to 10 and also reducing the RF gain
> on the rig but it does not make much difference. Is it possible that the
> strong V4 signal is being overdriven ? and thats why the TNC thinks it is
> not V4 and puts the BUSY N up !
> 73 Don G3VCG
>
>
>

--
Philw de KA1GMN

587. Re: 40m/80m frequencies in Region 1?

Yahoo group: V4Protocol
Date: 2010-12-18 17:23:26 UTC
From: Vegie.Wolff
Topic: 549 Message: 587

Hello Howard.

We shall see; coexistance is what we must live with. Of course there are few CW stations above 7035 in Region 1. RTTY and other digital modes are often around 7040 and higher. SSB stations fill the rest.

It's hard to find a nice clear dedicated frequency in Region 1 for one mode without experiencing interference from another mode. The PSK31 stations around 7035 seem to be there anytime the band is open and are about the only mode that has found a default "home" frequency.

I wish we had the extra spectrum as Region 2 does but we are very lucky to have gained the additional 100 KHz recently---and are grateful.

73,
Daniel
DL4VCW / KA7AGN / AEM1WF (MARS)

--- In V4Protocol@yahoogroups.com, "W6IDS" <w6ids@...> wrote:
>
> Hi Dan,
>
> Can V4 coexist with RTTY and CW?
>
> Howard W6IDS
> Richmond, IN Em79NV
> ----- Original Message -----
> From: Daniel V. Wolff, Jr.
> To: V4Protocol@yahoogroups.com
> Sent: Friday, December 17, 2010 11:57 AM
> Subject: [V4Protocol] Re: 40m/80m frequencies in Region 1?
>
>
> I know a few stations that have used 7037.0 USB in Region 1, instead of 7073.0 USB as used in Region 2. The frequency 7037.0 seems to be a compromise to get below the SSB, RTTY, and other digital modes and yet above the PSK31 stations. However, the PSK31 stations, if it's crowded, keep the "BUSY" detector active on V4-Chat. The lower section of 40 meters in Region 1 is pretty compact and finding a clear frequency can be difficult in Region 1 but others may have a better suggestion. The only stations I've heard so far on 80 meters in Region 1 were around 3587.0 USB but somebody may have an input on this too.
>
> Daniel V. Wolff, Jr.
> DL4VCW / KA7AGN / AEM1WF (MARS)
>

588. Re: [V4Protocol] Re: [0.1.5.0] Day 1 observations

Yahoo group: V4Protocol
Date: 2010-12-18 17:27:02 UTC
From: Rick Muething
Topic: 575 Message: 588

Ian,

On the next rev I'll reduce the busy detection search to about the center 75% of the tuning range (between the green lines). You can't arbitrarily reduce the tuning range too much as that is what handles the offset from the connecting station and normally should be about +/- 60 to +/- 100 Hz. Using the 75% would then search about 300 Hz (+/-150 Hz from the red center line to determine if the channel is busy. That is a sizeable reduction from the current search of approx +/- 230 Hz from the center line. This should eliminate busy tripping from signals close to the active area (green lines).

Rick KN6KB

589. RE: [V4Protocol] New to V4

Yahoo group: V4Protocol
Date: 2010-12-18 17:45:33 UTC
From: Box SixteenHundred
Topic: 584 Message: 589

Hi Steve,

I monitor V4 while at work.

I use the WB4MAK.com web SDR to listen, set the recording control input to stereo mix (what's coming out of the soundcard/speakers) and run the V4 software.

Oh, mute all the other computer sounds.

73 - Bill KA8VIT

> To: V4Protocol@yahoogroups.com
> From: n6vl@...
> Date: Sat, 18 Dec 2010 17:03:25 +0000
> Subject: [V4Protocol] New to V4
>
> I am the new kid on the block and still waiting for hear a V4 signal. Been watching the K3UK Digitalradio sked page, but have been at work all week, and not home during most of the activity. Also living on the US west coast has me out sync time wise. Most have gone to bed by the time I got home from work.
>
> It is Saturday and I should be able to listen for signals. Currently parked on 14.073 USB dial frequency and hope to simply decode some signals.
>
> I use a FLEX-5000A and VAC 4.9 and am no stranger to sound card modes. I didn't participate in the WINMOR roll out as I am not interested in email or messaging. But I do like the keyboard to keyboard modes and some JT-65A.
>
> V4 looks like it could fill the void between JT-65A and the more conversational modes.
>
> 73,
>
> Steve N6VL
> DM03xu

590. Re: [V4Protocol] Specifying Debug Log Path?

Yahoo group: V4Protocol
Date: 2010-12-18 18:49:08 UTC
From: Phil Williams
Topic: 580 Message: 590

Thanks Rick. I am taiking the log and greping out the score and snr. Using that to provide a dynamic signal report...very cool.

Philw de KA1GMN

On Dec 18, 2010 10:26 AM, "Rick Muething" <rmuething@...> wrote:

The log files are in the subdirectory \Logs under the installation directory. There is no .ini file defined path.

Rick KN6KB

From: Phil Williams <ka1gmn@...>
Sent: Saturday, December 18, 2010 11:06 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Specifying Debug Log Path?

In the configuration file...is there a variable to specify the path of the debug logs??

--
Phi...

591. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-18 19:08:07 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 591

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.1.6.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.1.6.0 Full Install (zipped)

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.1.6.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

592. V4Chat 0.1.6.0 Full Install

Yahoo group: V4Protocol
Date: 2010-12-18 19:19:10 UTC
From: Rick Muething
Topic: 580 Message: 592

All,

I have uploaded a new full install which has some important changes including some experimental ones. The Main changes are summarized below and also integrated into the new help and Revision history files.
Main changes:
1) Reduction of busy detect range to ~ 75% of spectrum between the green tuning lines.
2) Ganging of squelch setting on V4 TNC to also affect leader and sync detection (can be used to increase sensitivity or reduce open channel printing)
3) Change User File Send to User File Paste, and User file Paste and Send. “Paste” works like the prior “Send” appending the file text to the keyboard text box. “Paste and Send” appends the text and also sends it (the equivalent of a Paste, followed by a "Ctrl<Cr>). (Saves keystrokes and does not require editing the file to “auto send”).
4) Fix logic problem with Radio control and com ports.
5) Fix logic problem where mode was not being reset on the V4Chat menu upon startup.

Your feedback on these fixes is appreciated.
I will try and spend some time next week working on some sensitivity enhancements but have a lot going on as I’m sure you all do too.

73,

Rick KN6KB

V4 TNC Revision History
12/18/2010 0.1.6.0 Modify Protocol.ThreshDetect to use threshold based on V4 TNC "threshold" control and trip on roll back of correlation value.
Make treshold for sync detection (Protocol.ProcessSymbol) a function of "threshold" control.
Reduce busy detection range to ~ center 75% of green tuning bars

V4 Chat Revision History
2/18/2010 0.1.6.0 Fix shut down and restart of objRadio to close all open com ports and initialize with new parameters.
Save main size/location in .ini upon update of parameters and restart from .ini.
Set startup mode and menu to MON upon restart.
Change user file menu to allow Paste to Kbd text or Paste to Kbd Text and auto send.

593. Re: [V4Protocol] V4Chat 0.1.6.0 Full Install

Yahoo group: V4Protocol
Date: 2010-12-18 20:25:36 UTC
From: Russell Blair
Topic: 580 Message: 593

Rick number 3 is working fine.

Russell
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457

From: Rick Muething <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Sat, December 18, 2010 1:19:10 PM
Subject: [V4Protocol] V4Chat 0.1.6.0 Full Install

All,

I have uploaded a new full install which has some important changes including some experimental ones. The Main changes are summarized below and also integrated into the new help and Revision history files.
Main changes:
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Your feedback on these fixes is appreciated.
I will try and spend some time next week working on some sensitivity enhancements but have a lot going on as I’m sure you all do too.

73,

Rick KN6KB

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Make treshold for sync detection (Protocol.ProcessSymbol) a function of "threshold" control.
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Save main size/location in .ini upon update of parameters and restart from .ini.
Set startup mode and menu to MON upon restart.
Change user file menu to allow Paste to Kbd text or Paste to Kbd Text and auto send.

594. Re: [V4Protocol] V4Chat 0.1.6.0 Full Install

Yahoo group: V4Protocol
Date: 2010-12-18 21:18:49 UTC
From: Russell Blair
Topic: 580 Message: 594

Rick, with the program is in MON mode, it's now Txing from the past and past and send. The TNC shows V4 mode : MON ----The Tx window is not grayed out....I did make a change in the TNC BW to 200hz and it reset the TNC. I will restart the program and see what comes up .

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457

From: Rick Muething <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Sat, December 18, 2010 1:19:10 PM
Subject: [V4Protocol] V4Chat 0.1.6.0 Full Install

All,

I have uploaded a new full install which has some important changes including some experimental ones. The Main changes are summarized below and also integrated into the new help and Revision history files.
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4) Fix logic problem with Radio control and com ports.
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Your feedback on these fixes is appreciated.
I will try and spend some time next week working on some sensitivity enhancements but have a lot going on as I’m sure you all do too.

73,

Rick KN6KB

V4 TNC Revision History
12/18/2010 0.1.6.0 Modify Protocol.ThreshDetect to use threshold based on V4 TNC "threshold" control and trip on roll back of correlation value.
Make treshold for sync detection (Protocol.ProcessSymbol) a function of "threshold" control.
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Save main size/location in .ini upon update of parameters and restart from .ini.
Set startup mode and menu to MON upon restart.
Change user file menu to allow Paste to Kbd text or Paste to Kbd Text and auto send.

595. Re: [V4Protocol] V4Chat 0.1.6.0 Full Install

Yahoo group: V4Protocol
Date: 2010-12-18 21:21:47 UTC
From: Russell Blair
Topic: 580 Message: 595

Rick. With a restart it looks OK, Tx window is grayed out and past and past & send grayed as well.

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457

From: Rick Muething <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Sat, December 18, 2010 1:19:10 PM
Subject: [V4Protocol] V4Chat 0.1.6.0 Full Install

All,

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Your feedback on these fixes is appreciated.
I will try and spend some time next week working on some sensitivity enhancements but have a lot going on as I’m sure you all do too.

73,

Rick KN6KB

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Save main size/location in .ini upon update of parameters and restart from .ini.
Set startup mode and menu to MON upon restart.
Change user file menu to allow Paste to Kbd text or Paste to Kbd Text and auto send.

596. Re: [V4Protocol] V4Chat 0.1.6.0 Full Install

Yahoo group: V4Protocol
Date: 2010-12-18 21:30:15 UTC
From: Russell Blair
Topic: 580 Message: 596

Rick got it to do it....from a TNC (V4 Mode : FEC FD) and I did a setup and changed the BW 100 hz and did an update and changed it to 200hz with an update the mode change to TNC showed (V4 Mode: Mon) and the Tx window was not grayed out.
Hope thats better info.

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457

From: Rick Muething <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Sat, December 18, 2010 1:19:10 PM
Subject: [V4Protocol] V4Chat 0.1.6.0 Full Install

All,

I have uploaded a new full install which has some important changes including some experimental ones. The Main changes are summarized below and also integrated into the new help and Revision history files.
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Your feedback on these fixes is appreciated.
I will try and spend some time next week working on some sensitivity enhancements but have a lot going on as I’m sure you all do too.

73,

Rick KN6KB

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Save main size/location in .ini upon update of parameters and restart from .ini.
Set startup mode and menu to MON upon restart.
Change user file menu to allow Paste to Kbd text or Paste to Kbd Text and auto send.

597. Re: New to V4

Yahoo group: V4Protocol
Date: 2010-12-18 23:02:10 UTC
From: Steve
Topic: 584 Message: 597

I parked the rig on 14.073 for awhile and heard KA1GMN, Phil in TX a few times. I'll have to try the WB4MAK site. I also could leave my rig and PC on while at home and check it out remotely. I've heard some variants of VNC work better than Remote Desktop when sending graphics like a waterfall. Not sure I'm ready to tx at first, but only monitor.

Perhaps I'll try txing on V4 this weekend. I am especially interested in ARQ when it is ready. Haven't used an ARQ mode since AMTOR in the late 80s. It was a lot of fun, but V4 is s lot faster. Never liked PACTOR because it was all mailboxes.

Steve N6VL

598. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-19 04:24:33 UTC
From: W6IDS
Topic: 43 Message: 598

Just Curious, are there members of this forum who are obtaining
"normal" displays in the Constellation window?

Howard W6IDS
Richmond, IN Em79NV

----- Original Message -----
From: <V4Protocol@yahoogroups.com>
To: <V4Protocol@yahoogroups.com>
Sent: Saturday, December 18, 2010 2:08 PM
Subject: [V4Protocol] New file uploaded to V4Protocol

>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the V4Protocol
> group.
>
> File : /V4Chat 0.1.6.0 Full Install.zip
> Uploaded by : kn6kb <rmuething@...>
> Description : V4Chat 0.1.6.0 Full Install (zipped)
>
<SNIP> <SNIP>

599. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-19 13:05:29 UTC
From: Rick Muething
Topic: 43 Message: 599

Howard,

I believe the constellation display is working normally (it’s a function of S/N and other distortions). On the simulator at S/N of +10 or more it reduces to a virtual “dot” in each corner.

I am now evaluating a mod that plots and computes the “distance” in the constellation as power vs signal voltage (essentially squaring the voltage) and this appears to give better decdoding (since the decoding is based on the “distance” from an ideal corner. But I need to run several hundred frames over a controlled and repeatable channel to confirm this.

Rick kN6KB

From: W6IDS
Sent: Saturday, December 18, 2010 11:24 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Just Curious, are there members of this forum who are obtaining
"normal" displays in the Constellation window?

Howard W6IDS
Richmond, IN Em79NV

----- Original Message -----
From: <mailto:V4Protocol%40yahoogroups.com>
To: <mailto:V4Protocol%40yahoogroups.com>
Sent: Saturday, December 18, 2010 2:08 PM
Subject: [V4Protocol] New file uploaded to V4Protocol

>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the V4Protocol
> group.
>
> File : /V4Chat 0.1.6.0 Full Install.zip
> Uploaded by : kn6kb <mailto:rmuething%40cfl.rr.com>
> Description : V4Chat 0.1.6.0 Full Install (zipped)
>
<SNIP> <SNIP>

600. Contacts editor

Yahoo group: V4Protocol
Date: 2010-12-19 13:53:20 UTC
From: w2ki
Topic: 600 Message: 600

It's small potatoes right now, but something to consider down toward the bottom of the list.

When you edit a contact it creates a new entry with a new timestamp. It would seem to make more sense if the original were just updated with the modified information and left with the original timestamp? Is this possible? Also, an ability to modify the timestamp would be useful.

As I say, much later on down the road......

Thanks,
John W2KI

601. Missed frames?

Yahoo group: V4Protocol
Date: 2010-12-19 14:00:15 UTC
From: w2ki
Topic: 601 Message: 601

Is it just me, or is anyone else seeing more totally missed frames lately?

There are times when signals are strong and scores good, but some frames seem to be dropped completely whereas earlier on I saw more frames with red strikethrough.

I am now running 0160, but had the same feeling in the last version or so.

(BTW I am now running in "half duplex" mode to eliminate the echo of bits of my own outgoing text. Not from Monitor mode in the radio, as it's there even with it off, so any incoming echo must be from the SignaLink USB. I wonder if "half duplex" might be a cause of missed frames. I'll have to do more testing.)

73, John W2KI

602. Why the pauses in FEC mode?

Yahoo group: V4Protocol
Date: 2010-12-19 14:08:37 UTC
From: w2ki
Topic: 602 Message: 602

As I sit here chatting in FEC and listening to the banging of the relay in the SignaLink USB as the transmitter goes in and out of TX, it got me wondering about the reasons behind the breaks in the FEC transmission between each frame. They're certainly needed for ARQ, but do they serve a purpose in V4 FEC?

Just curious.

73, John W2KI

603. Re: [V4Protocol] Missed frames?

Yahoo group: V4Protocol
Date: 2010-12-19 14:11:03 UTC
From: Ron Wenig
Topic: 601 Message: 603

John,

Thanks for the QSO on 20 meters today. I have duplex set and I don't get an echo of my transmissions. I only get the echo if I turn on the monito feature of my radio, Flex 3000.

I also noticed missed frames instead of text with errors with red strikethrough like other versions.

73, Ron ny3j

On 12/19/2010 9:00 AM, w2ki wrote:
>
> Is it just me, or is anyone else seeing more totally missed frames
> lately?
>
> There are times when signals are strong and scores good, but some
> frames seem to be dropped completely whereas earlier on I saw more
> frames with red strikethrough.
>
> I am now running 0160, but had the same feeling in the last version or
> so.
>
> (BTW I am now running in "half duplex" mode to eliminate the echo of
> bits of my own outgoing text. Not from Monitor mode in the radio, as
> it's there even with it off, so any incoming echo must be from the
> SignaLink USB. I wonder if "half duplex" might be a cause of missed
> frames. I'll have to do more testing.)
>
> 73, John W2KI
>
>

604. Re: [V4Protocol] Contacts editor

Yahoo group: V4Protocol
Date: 2010-12-19 14:12:48 UTC
From: Rick Muething
Topic: 600 Message: 604

Good input John. Should have the ability to edit the data or enter current.

Rick KN6KB

From: w2ki
Sent: Sunday, December 19, 2010 8:53 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Contacts editor

It's small potatoes right now, but something to consider down toward the bottom of the list.

When you edit a contact it creates a new entry with a new timestamp. It would seem to make more sense if the original were just updated with the modified information and left with the original timestamp? Is this possible? Also, an ability to modify the timestamp would be useful.

As I say, much later on down the road......

Thanks,
John W2KI

605. Re: [V4Protocol] Missed frames?

Yahoo group: V4Protocol
Date: 2010-12-19 14:14:29 UTC
From: Rick Muething
Topic: 601 Message: 605

John,

The full duplex won’t change the decoding... There have been changes and I may have made too aggressive an adjustment. Right now I am evaluating some changes but testing over several hundred frames at low S/N levels on poor channels.

Rick KN6KB

From: w2ki
Sent: Sunday, December 19, 2010 9:00 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Missed frames?

Is it just me, or is anyone else seeing more totally missed frames lately?

There are times when signals are strong and scores good, but some frames seem to be dropped completely whereas earlier on I saw more frames with red strikethrough.

I am now running 0160, but had the same feeling in the last version or so.

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73, John W2KI

606. Re: [V4Protocol] Missed frames?

Yahoo group: V4Protocol
Date: 2010-12-19 14:18:15 UTC
From: John Hirth
Topic: 601 Message: 606

Understood, Rick. Thanks for all your hard work!

73, John W2KI

607. 0.1.6.0 - Past/Paste and Send Option

Yahoo group: V4Protocol
Date: 2010-12-19 14:53:31 UTC
From: Phil Williams
Topic: 607 Message: 607

Installed 0.1.6.0. Thanks for adding the option "Paste" and "Paste and Send".

--
Philw de KA1GMN

608. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-19 15:09:44 UTC
From: W6IDS
Topic: 43 Message: 608

Hello Back Rick (and Hoby KK8G too)

I included Hoby also since he asked what I meant by "normal."

I'm asking because I am not getting what I call "normal" activity as compared to the display
I get in RMS Express. I have no "artsy" displays as it were - just (as I've written before) a massing of little dogs at the outer corners of each quadrant box in the Constellation window.

If the Score is 100, as with MY signal, the dogs merge into a SINGLE dot.

As the score reduces with a station, the dogs begin to "venture about the quadrant a little."

As the score goes lower, the dots continue to spread out and mingle.

At no time do I get the type of "information display" as with RMS Express.

Hmmmm, the lower the score the more active the dots across the face of the Constellation. If you look at the past information written about RMS Express/WINMOR, there have been depictions of the Constellation display in action. I had that in RMS Express, I do not have it in V4 Chat from the first release.

I was wondering if anyone else is experience this also? I have not seen reference to any "switchable" setting for it sooooo......

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 19, 2010 8:05 AM
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Howard,

I believe the constellation display is working normally (it’s a function of S/N and other distortions). On the simulator at S/N of +10 or more it reduces to a virtual “dot” in each corner.

I am now evaluating a mod that plots and computes the “distance” in the constellation as power vs signal voltage (essentially squaring the voltage) and this appears to give better decdoding (since the decoding is based on the “distance” from an ideal corner. But I need to run several hundred frames over a controlled and repeatable channel to confirm this.

Rick kN6KB

From: W6IDS
Sent: Saturday, December 18, 2010 11:24 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New file uploaded to V4Protocol
Just Curious, are there members of this forum who are obtaining
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> File : /V4Chat 0.1.6.0 Full Install.zip
> Uploaded by : kn6kb <mailto:rmuething%40cfl.rr.com>
> Description : V4Chat 0.1.6.0 Full Install (zipped)
>
<SNIP> <SNIP>

609. Experiences Operating V4 (subtitle: this is a mess, I think?)

Yahoo group: V4Protocol
Date: 2010-12-19 15:27:13 UTC
From: aa777888athotmaildotcom
Topic: 609 Message: 609

Now back from a bunch of business travel and catching up on the entire V4 thing.

No sweat installing, adjusting or using it mechanically. With fully tuned up RMS Express and RMS Winmor installations it took all of 5 minutes to get things rolling.

Now for the "messy" part...

So I've been on 20M, on everyone's favorite frequency, 14073, a few times now, and it's a mess. Nobody is using prosigns, carriers drop in and out, people are hearing one side of a QSO and not waiting until it is finished. It's crazy! It almost seems like everyone who is trying out V4 has no experience whatsoever with other, more common digital modes like RTTY, PSK31, Olivia, etc. Either that or they are in such a frenzy to make a contact with the new mode they've lost all sense of operator decorum.

Things are very confusing because

1. Nobody is prepending or appending "yourcall de mycall" to each transmission, perhaps because there is no macro capability to do this and everyone has gotten too lazy to type it manually.

2. Nobody is terminating each transmission with a "K" or "KN", or using "SK" when a QSO is finished.

3. The FEC mode forces you into one of two modes. Either you are hitting ctrl-CR after each sentence, or, more traditionally, you are typing a whole bunch of stuff and then hitting ctrl-CR. In the first case the way the protocol works there are a lot of short periods of dead air (no carrier). In the second case, without the assistance of macros, there is a ton of dead air in between each transmission. In both cases this leads to much confusion about whether the frequency is in use or whether your contact has, for some reason, become unreachable.

It's item 3 above that is the biggest issue. Rick--is it your intent that multiple people on the same frequency should just type in a stream of consciousness fashion, hitting ctrl-CR frequently, and let the auto-id and busy detector sort it all out? In other words a sort of on-air chat room? If that is not the intent, and I suspect it is not because doubling can not be prevented this way, I suggest changing the protocol and the software to keep the carrier up between buffer fills with some sort of idle pattern. Start the first buffer going with a ctrl-CR, then fill the buffer on each CR, and terminate the last buffer with a ctrl-CR. This will provide a more traditional look and feel on the waterfall. Either that or people have got to learn to use and wait for the K's and SK's.

v/r

Scott
k*b*l*0*0*q

610. Re: [V4Protocol] Contacts editor

Yahoo group: V4Protocol
Date: 2010-12-19 15:40:24 UTC
From: Hoby KK8G
Topic: 600 Message: 610

It is a little extra work, but you can edit one section at a time without making another entry. Will work until the process is speeded up. Just click on the line where you wish to make a change. Pause slightly, then click again in the box you wish to change. Make any change you wish, hit enter and away you go, with the entry edited to your desires.. My keyboard isn't really good on spelling so I have to do this quite often after a contact, or I wait till I'm thru with the contact and add the info, then I have to correct the date group..
73
Hoby KK8G/AFA5HF MI

----- Original Message -----
From: w2ki
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 19, 2010 8:53 AM
Subject: [V4Protocol] Contacts editor

It's small potatoes right now, but something to consider down toward the bottom of the list.

When you edit a contact it creates a new entry with a new timestamp. It would seem to make more sense if the original were just updated with the modified information and left with the original timestamp? Is this possible? Also, an ability to modify the timestamp would be useful.

As I say, much later on down the road......

Thanks,
John W2KI

611. RE: [V4Protocol] Anyone up to try 30m V4?

Yahoo group: V4Protocol
Date: 2010-12-19 16:26:48 UTC
From: Matt Zilmer
Topic: 601 Message: 611

I'm on 10144.5 USB, CQing....

W6NIA
Upland, CA.

612. Re: [V4Protocol] Anyone up to try 30m V4?

Yahoo group: V4Protocol
Date: 2010-12-19 17:28:13 UTC
From: Phil Williams
Topic: 601 Message: 612

Still on 10144.5?...philw de ka1gmn

On Sun, Dec 19, 2010 at 10:26 AM, Matt Zilmer <mzilmer@...> wrote:

>
>
> I'm on 10144.5 USB, CQing....
>
> W6NIA
> Upland, CA.
>
>
>
>

--
Philw de KA1GMN

613. RE: [V4Protocol] Anyone up to try 30m V4?

Yahoo group: V4Protocol
Date: 2010-12-19 17:29:26 UTC
From: Matt Zilmer
Topic: 601 Message: 613

Was, but went to 17m. I'll be back there on 10144 (around there) in a couple minutes..

matt W6NIA

To: V4Protocol@yahoogroups.com
From: ka1gmn@gmail.com
Date: Sun, 19 Dec 2010 11:28:13 -0600
Subject: Re: [V4Protocol] Anyone up to try 30m V4?

Still on 10144.5?...philw de ka1gmn

On Sun, Dec 19, 2010 at 10:26 AM, Matt Zilmer <mzilmer@...> wrote:

I'm on 10144.5 USB, CQing....

W6NIA
Upland, CA.

--
Philw de KA1GMN

614. Re: [V4Protocol] Anyone up to try 30m V4?

Yahoo group: V4Protocol
Date: 2010-12-19 17:30:32 UTC
From: Phil Williams
Topic: 601 Message: 614

Ok Matt. Not sure how the prop is to the West for me this time of day, but
I am willing to give it a spin...philw de ka1gmn

On Sun, Dec 19, 2010 at 11:29 AM, Matt Zilmer <mzilmer@...> wrote:

>
>
> Was, but went to 17m. I'll be back there on 10144 (around there) in a
> couple minutes..
>
> matt W6NIA
>
>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: ka1gmn@...
> Date: Sun, 19 Dec 2010 11:28:13 -0600
> Subject: Re: [V4Protocol] Anyone up to try 30m V4?
>
>
> Still on 10144.5?...philw de ka1gmn
>
>
> On Sun, Dec 19, 2010 at 10:26 AM, Matt Zilmer <mzilmer@...> wrote:
>
>
> I'm on 10144.5 USB, CQing....
>
> W6NIA
> Upland, CA.
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> --
> Philw de KA1GMN
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Philw de KA1GMN

615. Re: [V4Protocol] Anyone up to try 30m V4?

Yahoo group: V4Protocol
Date: 2010-12-19 17:32:24 UTC
From: Phil Williams
Topic: 601 Message: 615

Think I heard you...let me get tuned up.

On Sun, Dec 19, 2010 at 11:29 AM, Matt Zilmer <mzilmer@...> wrote:

>
>
> Was, but went to 17m. I'll be back there on 10144 (around there) in a
> couple minutes..
>
> matt W6NIA
>
>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: ka1gmn@...
> Date: Sun, 19 Dec 2010 11:28:13 -0600
> Subject: Re: [V4Protocol] Anyone up to try 30m V4?
>
>
> Still on 10144.5?...philw de ka1gmn
>
>
> On Sun, Dec 19, 2010 at 10:26 AM, Matt Zilmer <mzilmer@hotmail.com> wrote:
>
>
> I'm on 10144.5 USB, CQing....
>
> W6NIA
> Upland, CA.
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> --
> Philw de KA1GMN
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--
Philw de KA1GMN

616. Re: [V4Protocol] Anyone up to try 30m V4?

Yahoo group: V4Protocol
Date: 2010-12-19 17:56:30 UTC
From: Phil Williams
Topic: 601 Message: 616

If that is you Matt, I can see you in the spectrogram.

On Sun, Dec 19, 2010 at 11:32 AM, Phil Williams <ka1gmn@...> wrote:

> Think I heard you...let me get tuned up.
>
>
> On Sun, Dec 19, 2010 at 11:29 AM, Matt Zilmer <mzilmer@...> wrote:
>
>>
>>
>> Was, but went to 17m. I'll be back there on 10144 (around there) in a
>> couple minutes..
>>
>> matt W6NIA
>>
>>
>> ------------------------------
>> To: V4Protocol@yahoogroups.com
>> From: ka1gmn@...
>> Date: Sun, 19 Dec 2010 11:28:13 -0600
>> Subject: Re: [V4Protocol] Anyone up to try 30m V4?
>>
>>
>> Still on 10144.5?...philw de ka1gmn
>>
>>
>> On Sun, Dec 19, 2010 at 10:26 AM, Matt Zilmer <mzilmer@...>wrote:
>>
>>
>> I'm on 10144.5 USB, CQing....
>>
>> W6NIA
>> Upland, CA.
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>> Philw de KA1GMN
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> Philw de KA1GMN
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--
Philw de KA1GMN

617. Re: [V4Protocol] Anyone up to try 30m V4?

Yahoo group: V4Protocol
Date: 2010-12-19 18:06:49 UTC
From: Phil Williams
Topic: 601 Message: 617

Ok, on a short dipole now...philw

618. Re: [V4Protocol] Anyone up to try 30m V4?

Yahoo group: V4Protocol
Date: 2010-12-19 18:21:08 UTC
From: Phil Williams
Topic: 601 Message: 618

Sorry Matt. Looks like conditions are not there yet for out path. Maybe we should try again this evening?

Philw de KA1GMN

619. Re: [V4Protocol] Anyone up to try 30m V4?

Yahoo group: V4Protocol
Date: 2010-12-19 18:28:29 UTC
From: Chuck
Topic: 601 Message: 619

Sorry Phil, I probably held up Matt too long... He had a great V4 Signal into Washington State on 30 Meters.

73, Chuck, WA7BRL

----- Original Message -----
From: "Phil Williams" <ka1gmn@...>
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 19, 2010 10:21:08 AM
Subject: Re: [V4Protocol] Anyone up to try 30m V4?

Sorry Matt. Looks like conditions are not there yet for out path. Maybe we should try again this evening?

Philw de KA1GMN

620. Re: [V4Protocol] Anyone up to try 30m V4?

Yahoo group: V4Protocol
Date: 2010-12-19 18:29:11 UTC
From: Dick Lamberson
Topic: 601 Message: 620

I'm sitting on 10144.00 and calling cq at 1:30 p.m. 12/19

----- Original Message -----
From: Phil Williams
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 19, 2010 12:56 PM
Subject: Re: [V4Protocol] Anyone up to try 30m V4?

If that is you Matt, I can see you in the spectrogram.

On Sun, Dec 19, 2010 at 11:32 AM, Phil Williams <ka1gmn@gmail.com> wrote:

Think I heard you...let me get tuned up.

On Sun, Dec 19, 2010 at 11:29 AM, Matt Zilmer <mzilmer@...> wrote:

Was, but went to 17m. I'll be back there on 10144 (around there) in a couple minutes..

matt W6NIA

To: V4Protocol@yahoogroups.com
From: ka1gmn@...
Date: Sun, 19 Dec 2010 11:28:13 -0600
Subject: Re: [V4Protocol] Anyone up to try 30m V4?

Still on 10144.5?...philw de ka1gmn

On Sun, Dec 19, 2010 at 10:26 AM, Matt Zilmer <mzilmer@...> wrote:

I'm on 10144.5 USB, CQing....

W6NIA
Upland, CA.

--
Philw de KA1GMN

--
Philw de KA1GMN

--
Philw de KA1GMN

621. RE: [V4Protocol] Anyone up to try 30m V4?

Yahoo group: V4Protocol
Date: 2010-12-19 18:31:23 UTC
From: Matt Zilmer
Topic: 601 Message: 621

Hi Phil,

I saw you pop up while WA7BRL and I were in QSO. But the path was not so good.

BRL and I had a 30 minute Q, a good one. This mode rocks!

73,
matt W6NIA

To: V4Protocol@yahoogroups.com
From: ka1gmn@...
Date: Sun, 19 Dec 2010 12:21:08 -0600
Subject: Re: [V4Protocol] Anyone up to try 30m V4?

Sorry Matt. Looks like conditions are not there yet for out path. Maybe we should try again this evening?

Philw de KA1GMN

622. Re: [V4Protocol] Anyone up to try 30m V4?

Yahoo group: V4Protocol
Date: 2010-12-19 18:41:48 UTC
From: Phil Williams
Topic: 601 Message: 622

Great! Well that is encouraging Chuck. 30 meters is a favorite band of mine. I usually don't get a good path until much later in the evening, so will listen then....philw de ka1gmn

On Sun, Dec 19, 2010 at 12:28 PM, Chuck <wa7brl@...> wrote:

>
>
> Sorry Phil, I probably held up Matt too long... He had a great V4 Signal
> into Washington State on 30 Meters.
>
> 73, Chuck, WA7BRL
>
>
> ----- Original Message -----
> From: "Phil Williams" <ka1gmn@... <ka1gmn%40gmail.com>>
> To: V4Protocol@yahoogroups.com <V4Protocol%40yahoogroups.com>
> Sent: Sunday, December 19, 2010 10:21:08 AM
> Subject: Re: [V4Protocol] Anyone up to try 30m V4?
>
> Sorry Matt. Looks like conditions are not there yet for out path. Maybe we
> should try again this evening?
>
> Philw de KA1GMN
>
>
>

--
Philw de KA1GMN

623. Re: [0.1.5.0] Day 1 observations

Yahoo group: V4Protocol
Date: 2010-12-19 19:04:32 UTC
From: la7um
Topic: 575 Message: 623

Hopefully second line of defence, the arq mode purified, will compensate sufficiently for that. Is psk31 ever used arq?

73. La7um Finn

--- In V4Protocol@yahoogroups.com, "OE3ZK" <oe3zk@...> wrote:
>
> G3NRW wrote:
>
> > 2. Weak signal decoding: My first subjective impression is that weak
> > signal decoding may not be as efficient as I might have expected. Even
> > when I can clearly see/hear weak signals, well above the noise, there is
> > still no decoding.
>
> Absolutely - V4 decoding in WEAK SIGNAL and in QRM/QRN conditions is very
> poor compared to PSK31 decoding in similar condx...
>
> 73
> Gert, OE3ZK
>
>
> ----- Original Message -----
> From: "Ian Wade G3NRW" <g3nrw@...>
> To: <V4Protocol@yahoogroups.com>
> Sent: Saturday, December 18, 2010 1:11 PM
> Subject: [V4Protocol] [0.1.5.0] Day 1 observations
>
>
> > [0.1.5.0]
> >
> > I have only been using V4 for a few hours, but a couple of observations
> > immediately come to mind:
> > ~~~~~~
> > 1. Busy channel: The TNC appears to be much too sensitive to other
> > stations outside the yellow tramlines, to the extent that it defers from
> > transmission when even very weak signals are present a long way (>150Hz)
> > from the V4 center frequency. As a result, transmission is prevented far
> > too often, when there is often clear blue sky at V4 center +/- 100Hz. I
> > think the busy algorithm could be considerably tightened, to only
> > prevent transmission if received signals are less than, say, +/- 120Hz
> > from center frequency.
> >
> > 2. Weak signal decoding: My first subjective impression is that weak
> > signal decoding may not be as efficient as I might have expected. Even
> > when I can clearly see/hear weak signals, well above the noise, there is

> > still no decoding.
> > ~~~~~~
> >
> > Nevertheless, an interesting mode, and I'm looking forward to further
> > developments.
> >
> > --
> > 73
> > Ian, G3NRW
> >
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624. Re: [V4Protocol] Re: [0.1.5.0] Day 1 observations

Yahoo group: V4Protocol
Date: 2010-12-19 20:02:32 UTC
From: OE3ZK
Topic: 575 Message: 624

> Is psk31 ever used arq?

Yes, look at PSKmail

----- Original Message -----
From: "la7um" <la7um@...>
To: <V4Protocol@yahoogroups.com>
Sent: Sunday, December 19, 2010 8:04 PM
Subject: [V4Protocol] Re: [0.1.5.0] Day 1 observations

> Hopefully second line of defence, the arq mode purified, will compensate
> sufficiently for that. Is psk31 ever used arq?
>
> 73. La7um Finn
>
> --- In V4Protocol@yahoogroups.com, "OE3ZK" <oe3zk@...> wrote:
>>
>> G3NRW wrote:
>>
>> > 2. Weak signal decoding: My first subjective impression is that weak
>> > signal decoding may not be as efficient as I might have expected. Even
>> > when I can clearly see/hear weak signals, well above the noise, there
>> > is
>> > still no decoding.
>>
>> Absolutely - V4 decoding in WEAK SIGNAL and in QRM/QRN conditions is very
>> poor compared to PSK31 decoding in similar condx...
>>
>> 73
>> Gert, OE3ZK
>>
>>
>> ----- Original Message -----
>> From: "Ian Wade G3NRW" <g3nrw@...>
>> To: <V4Protocol@yahoogroups.com>
>> Sent: Saturday, December 18, 2010 1:11 PM
>> Subject: [V4Protocol] [0.1.5.0] Day 1 observations
>>
>>
>> > [0.1.5.0]
>> >
>> > I have only been using V4 for a few hours, but a couple of observations
>> > immediately come to mind:
>> > ~~~~~~
>> > 1. Busy channel: The TNC appears to be much too sensitive to other
>> > stations outside the yellow tramlines, to the extent that it defers

>> > from
>> > transmission when even very weak signals are present a long way
>> > (>150Hz)
>> > from the V4 center frequency. As a result, transmission is prevented
>> > far
>> > too often, when there is often clear blue sky at V4 center +/- 100Hz. I
>> > think the busy algorithm could be considerably tightened, to only
>> > prevent transmission if received signals are less than, say, +/- 120Hz
>> > from center frequency.
>> >
>> > 2. Weak signal decoding: My first subjective impression is that weak
>> > signal decoding may not be as efficient as I might have expected. Even
>> > when I can clearly see/hear weak signals, well above the noise, there
>> > is
>> > still no decoding.
>> > ~~~~~~
>> >
>> > Nevertheless, an interesting mode, and I'm looking forward to further
>> > developments.
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>> > --
>> > 73
>> > Ian, G3NRW
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625. Re: Experiences Operating V4 (subtitle: this is a mess, I think?)

Yahoo group: V4Protocol
Date: 2010-12-19 20:19:30 UTC
From: la7um
Topic: 609 Message: 625

Scott, At the time beeing I guess the important issue must be the protocoll and robustnes issue only. I concur with all you say, but bells and wistles in the program might come in handy later.

Since this is intended to be a qso mode, obviously the behaviour of the qso participants needs to be "refreshed" and aided by the program.

This is quite something else than running an automatic pactor/winmor BBS or RMS

One good tool might absolutely be your suggestion of macros, f.ex by using the function tabs, or on the fly text released macros kind of as I described in msg 559, which could either be be enbedded in a text, or be used directly from a keyboard as it originally was used some 15 years ago in a home made SW but reported used WW.

Intention at that time was running a keyboard qso on HF amtor or pactor or fec and turning link directions, by operating packet from a remote site. (Or even the other way around)

I paste in part of that posting.
Look spesifically on the macro BTU released by the sequence ++btu+
That command always automatically identified properly both participating stations.
The disconnect also identified the disconnecting station.
.....
>snip:
Re: TX/RX turnaround

Rick: I suggest the simple, indicative, but even more "crazy" string:
++t+ This don't normally occur, and doesn't involve the shift button.

We used it for 15 years here in Synapse 1, for live "through packet radio" switching directions on a live pactor, amtor or gtor arq link and also fec link.

This was for remote indicating a command to the SW to execute a typical KAM+ command normally locally involving the ctrlbutton. Thus executing transmit, receive, disconnect, abort wihtout accidentally breaking the link by error. The commands were easy to learn.

We used on the fly: ++t+ ++r+ ++d+ ++a+ ++btu+

executing ctrlT ctrlR ctrlD ctrlA ++btu+ even inserted automatically:
<URcall de MYcall btu> and then changed from ISS to IRS when buffer empty.

As an extra condition, the string had to be first on a new line.

So a normal Enter was done first, then the special string.

This solution never imposed any problem, and the sequence could even be transmittet as part of the text, just avoiding it beeing the first on a new line.

>snip
.
.
Other commands were available as well.
.
.
73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "aa777888athotmaildotcom" <straurig@...> wrote:
>
> Now back from a bunch of business travel and catching up on the entire V4 thing.
>
> No sweat installing, adjusting or using it mechanically. With fully tuned up RMS Express and RMS Winmor installations it took all of 5 minutes to get things rolling.
>
> Now for the "messy" part...
>
> So I've been on 20M, on everyone's favorite frequency, 14073, a few times now, and it's a mess. Nobody is using prosigns, carriers drop in and out, people are hearing one side of a QSO and not waiting until it is finished. It's crazy! It almost seems like everyone who is trying out V4 has no experience whatsoever with other, more common digital modes like RTTY, PSK31, Olivia, etc. Either that or they are in such a frenzy to make a contact with the new mode they've lost all sense of operator decorum.
>
> Things are very confusing because
>
> 1. Nobody is prepending or appending "yourcall de mycall" to each transmission, perhaps because there is no macro capability to do this and everyone has gotten too lazy to type it manually.
>
> 2. Nobody is terminating each transmission with a "K" or "KN", or using "SK" when a QSO is finished.
>
> 3. The FEC mode forces you into one of two modes. Either you are hitting ctrl-CR after each sentence, or, more traditionally, you are typing a whole bunch of stuff and then hitting ctrl-CR. In the first case the way the protocol works there are a lot of short periods of dead air (no carrier). In the second case, without the assistance of macros, there is a ton of dead air in between each transmission. In both cases this leads to much confusion about whether the frequency is in use or whether your contact has, for some reason, become unreachable.
>
> It's item 3 above that is the biggest issue. Rick--is it your intent that multiple people on the same frequency should just type in a stream of consciousness fashion, hitting ctrl-CR frequently, and let the auto-id and busy detector sort it all out? In other words a sort of on-air chat room? If that is not the intent, and I suspect it is not because doubling can not be prevented this way, I suggest changing the protocol and the software to keep the carrier up between buffer fills with some sort of idle pattern. Start the first buffer going with a ctrl-CR, then fill the buffer on each CR, and terminate the last buffer with a ctrl-CR. This will provide a more traditional look and feel on the waterfall. Either that or people have got to learn to use and wait for the K's and SK's.

>
> v/r
>
> Scott
> k*b*l*0*0*q
>

627. Re: [0.1.5.0] Day 1 observations

Yahoo group: V4Protocol
Date: 2010-12-19 20:30:16 UTC
From: la7um
Topic: 575 Message: 627

You got me Gert. I have heard the expression, but never knew, or even investigated into how it worked. Thanks for that info:-) 73. de la7um Finn

--- In V4Protocol@yahoogroups.com, "OE3ZK" <oe3zk@...> wrote:
>
> > Is psk31 ever used arq?
>
> Yes, look at PSKmail
>
>
> ----- Original Message -----
> From: "la7um" <la7um@...>
> To: <V4Protocol@yahoogroups.com>
> Sent: Sunday, December 19, 2010 8:04 PM
> Subject: [V4Protocol] Re: [0.1.5.0] Day 1 observations
>
>
> > Hopefully second line of defence, the arq mode purified, will compensate
> > sufficiently for that. Is psk31 ever used arq?
> >
> > 73. La7um Finn
> >
> > --- In V4Protocol@yahoogroups.com, "OE3ZK" <oe3zk@> wrote:
> >>
> >> G3NRW wrote:
> >>
> >> > 2. Weak signal decoding: My first subjective impression is that weak
> >> > signal decoding may not be as efficient as I might have expected. Even
> >> > when I can clearly see/hear weak signals, well above the noise, there
> >> > is
> >> > still no decoding.
> >>
> >> Absolutely - V4 decoding in WEAK SIGNAL and in QRM/QRN conditions is very
> >> poor compared to PSK31 decoding in similar condx...
> >>
> >> 73
> >> Gert, OE3ZK
> >>
> >>
> >> ----- Original Message -----
> >> From: "Ian Wade G3NRW" <g3nrw@>
> >> To: <V4Protocol@...m>
> >> Sent: Saturday, December 18, 2010 1:11 PM
> >> Subject: [V4Protocol] [0.1.5.0] Day 1 observations
> >>

> >>
> >> > [0.1.5.0]
> >> >
> >> > I have only been using V4 for a few hours, but a couple of observations
> >> > immediately come to mind:
> >> > ~~~~~~
> >> > 1. Busy channel: The TNC appears to be much too sensitive to other
> >> > stations outside the yellow tramlines, to the extent that it defers
> >> > from
> >> > transmission when even very weak signals are present a long way
> >> > (>150Hz)
> >> > from the V4 center frequency. As a result, transmission is prevented
> >> > far
> >> > too often, when there is often clear blue sky at V4 center +/- 100Hz. I
> >> > think the busy algorithm could be considerably tightened, to only
> >> > prevent transmission if received signals are less than, say, +/- 120Hz
> >> > from center frequency.
> >> >
> >> > 2. Weak signal decoding: My first subjective impression is that weak
> >> > signal decoding may not be as efficient as I might have expected. Even
> >> > when I can clearly see/hear weak signals, well above the noise, there
> >> > is
> >> > still no decoding.
> >> > ~~~~~~
> >> >
> >> > Nevertheless, an interesting mode, and I'm looking forward to further
> >> > developments.
> >> >
> >> > --
> >> > 73
> >> > Ian, G3NRW
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628. Who is where and what Freq as of 2055z

Yahoo group: V4Protocol
Date: 2010-12-19 20:58:10 UTC
From: stevekb6hoh
Topic: 628 Message: 628

[Body unavailable in the source archive]

629. [0.1.6.0] Waterfall does not work with VAC

Yahoo group: V4Protocol
Date: 2010-12-19 21:17:33 UTC
From: Ian Wade G3NRW
Topic: 629 Message: 629

[0.1.6.0]

I am trying to connect my SDR-IQ to the V4TNC via VAC 4.09. As I tune the receiver across strong signals I can see the "Rcv Level" indicator move backwards and forwards, but nothing appears on the waterfall -- it is completely black (except for the tramlines).

Has anyone else tried VAC?

(P.S. If I connect the SDR-IQ to the V4TNC using real audio cables, it works beautifully. Being able to set up a brick-wall audio filter of any bandwidth is wondrous indeed!)

--
73
Ian, G3NRW

630. Re: [0.1.6.0] Waterfall does not work with VAC

Yahoo group: V4Protocol
Date: 2010-12-19 21:30:20 UTC
From: Steve
Topic: 629 Message: 630

FWIW, I am using the same version of VAC, but with a FLEX-5000A and PowerSDR and have no waterfall problems w/ 0.1.6.0. It is not the same SDR setup you have.

Also, do you completely uninstall V4 before installing the new version? I am not sure if you need to delete any of the files and subfolders in C:\V4Chat, before reinstalling. I haven't so far. Just a thought...

73,

Steve N6VL

631. Re: [V4Protocol] Re: [0.1.6.0] Waterfall does not work with VAC

Yahoo group: V4Protocol
Date: 2010-12-19 21:42:04 UTC
From: Ian Wade G3NRW
Topic: 629 Message: 631

From: Steve <n6vl@...>
Date: Sun, 19 Dec 2010 Time: 21:30:20

>FWIW, I am using the same version of VAC, but with a FLEX-5000A and
>PowerSDR and have no waterfall problems w/ 0.1.6.0. It is not the same
>SDR setup you have.
>
>Also, do you completely uninstall V4 before installing the new version?
>I am not sure if you need to delete any of the files and subfolders in
>C:\V4Chat, before reinstalling. I haven't so far. Just a thought...
>
>73,
>
>Steve N6VL
>

Hi Steve

The VAC works with SDR-IQ and fldigi, so I would expect it to work with the V4TNC as well. More investigation called for, I guess.

Yes, I did Add/Remove 0.1.5.0 before installing 0.1.6.0 -- in fact, it won't let you install a new version if there is already an older version in place. However, I didn't manually remove the old files under C:\V4chat, as I understood it was not necessary to do so.

--
73
Ian, G3NRW

632. Re: [V4Protocol] Re: [0.1.6.0] Waterfall does not work with VAC

Yahoo group: V4Protocol
Date: 2010-12-19 21:45:40 UTC
From: Jack Swift - Swift Hardware
Topic: 629 Message: 632

i merely use the windows start>control panel>add and remove programs>v4chat... it apparently only removes the 'program' and leaves the data files - which apparently are 'common' between versions.

On Sun, Dec 19, 2010 at 4:30 PM, Steve <n6vl@...> wrote:
>
>
> Also, do you completely uninstall V4 before installing the new version? I am not sure if you need to delete any of the files and subfolders in C:\V4Chat, before reinstalling. I haven't so far. Just a thought...
>

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV AAR5LD EN57rc
^^^^^^^^^^^^^^^^^^^^^^^^

633. Re: [V4Protocol] [0.1.6.0] Waterfall does not work with VAC

Yahoo group: V4Protocol
Date: 2010-12-19 22:15:20 UTC
From: Ron Wenig
Topic: 629 Message: 633

Ian,

I am using a Flex-3000 with Virtual Audio Cable version 4.09. I was
going to suggest making sure line 1 and line 2 were configured correctly
but if you see rcv level then it has to be seeing the receive signals.
Maybe the signal isn't strong enough to turn on the waterfall.

73, Ron ny3j

On 12/19/2010 4:17 PM, Ian Wade G3NRW wrote:
>
> [0.1.6.0]
>
> I am trying to connect my SDR-IQ to the V4TNC via VAC 4.09. As I tune
> the receiver across strong signals I can see the "Rcv Level" indicator
> move backwards and forwards, but nothing appears on the waterfall -- it
> is completely black (except for the tramlines).
>
> Has anyone else tried VAC?
>
> (P.S. If I connect the SDR-IQ to the V4TNC using real audio cables, it
> works beautifully. Being able to set up a brick-wall audio filter of any
> bandwidth is wondrous indeed!)
>
> --
> 73
> Ian, G3NRW
>
>

634. Re: [V4Protocol] Experiences Operating V4 (subtitle: this is a mess, I think?)

Yahoo group: V4Protocol
Date: 2010-12-20 01:07:13 UTC
From: Phil Williams
Topic: 609 Message: 634

You didn't say "OVER"....philw de ka1gmn

On Sun, Dec 19, 2010 at 9:27 AM, aa7778

635. Path Simulator

Yahoo group: V4Protocol
Date: 2010-12-20 13:15:05 UTC
From: John Hirth
Topic: 635 Message: 635

Rick,

Some time back you had mentioned your path simulator software limiting your ability to test below -5dB s/n. I'm not an expert in this area (actually, this is one of MANY areas in which I'm not an expert!), but you may want to see if PathSim from AE4JY can be of any use:
> http://www.moetronix.com/ae4jy/pathsim.htm
Just thought I'd mention it.

73, John W2KI

636. Re: [V4Protocol] Path Simulator

Yahoo group: V4Protocol
Date: 2010-12-20 14:48:34 UTC
From: Rick Muething
Topic: 635 Message: 636

Thanks John
I have used this program in the past and it is fairly limited especially for ARQ testing.

My current setup uses a software controlled (programmed) separate hardware DSP from Oregon Software/Hardware. Once set up (loaded) with path parameters the HF simulator box runs independently of the CPU and can handle two simultaneous channels.

What would really be nice is to start with something like the Pathsim program (nice but pretty outdated...updated in 2000 and no longer updated/supported.) Allow it to run using VAC and multiple instances (so you can pipe multiple channels through it) and run it on a separate computer (from the one you are testing with). This is not a trivial programming effort but something I might look at later next year.

Rick KN6KB

From: John Hirth
Sent: Monday, December 20, 2010 8:15 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Path Simulator

Rick,

Some time back you had mentioned your path simulator software limiting
your ability to test below -5dB s/n. I'm not an expert in this area
(actually, this is one of MANY areas in which I'm not an expert!), but
you may want to see if PathSim from AE4JY can be of any use:
> http://www.moetronix.com/ae4jy/pathsim.htm
Just thought I'd mention it.

73, John W2KI

637. Re: [V4Protocol] Frequencies

Yahoo group: V4Protocol
Date: 2010-12-21 01:14:56 UTC
From: David Bastress
Topic: 637 Message: 637

GE All,

Where is the V4 gang hanging out on 80, 40 and 20 meters these days?

Dave K3GAU

.

638. Re: Frequencies

Yahoo group: V4Protocol
Date: 2010-12-21 02:17:04 UTC
From: vk3xl
Topic: 637 Message: 638

Well I have been on 14073 at 0930z to 1200z most nights working long path europe...

73 from down under
Mike VK3XL

--- In V4Protocol@...m, "David Bastress" <bastress@...> wrote:
>
> GE All,
>
> Where is the V4 gang hanging out on 80, 40 and 20 meters these days?
>
> Dave K3GAU
>
>
> .
>

639. Re: [V4Protocol] Path Simulator

Yahoo group: V4Protocol
Date: 2010-12-21 12:57:44 UTC
From: John Hirth
Topic: 635 Message: 639

I should have known, RIck, you're far out in front and light-years ahead
of my meager suggestion!

73, John W2KI

640. QRG on 40m band?

Yahoo group: V4Protocol
Date: 2010-12-21 18:44:47 UTC
From: Juhani
Topic: 640 Message: 640

I'm now 7040 USB, it's ok in EU and maybe DX? 73 Yussi OH7TE

641. V4 frequencies: 14073 ok mornigs here, I think...

Yahoo group: V4Protocol
Date: 2010-12-21 18:58:30 UTC
From: Juhani
Topic: 641 Message: 641

This morning local time good V4 FEC contact to "DL -land". 20m band is closed here evenings from 05:PM so I'm stby/QRV 7040 and check my screen some times, also short test message same way. My 80m OFCD antenna is not ok, sri. Many OH stations are 3590 USB weekends, and cood activity XMAS time , I think. 73 Yussi OH7TE

642. Hrd last days 14073 kHz in OH

Yahoo group: V4Protocol
Date: 2010-12-22 14:51:48 UTC
From: Juhani
Topic: 642 Message: 642

G3VCG, VK3XL, DL4VCW (also worked) OE3ZK. Seems many fox's jumped over dog, hi. 73 OH7TE

643. Re: Hrd last days 14073 kHz in OH

Yahoo group: V4Protocol
Date: 2010-12-22 22:41:48 UTC
From: vk3xl
Topic: 642 Message: 643

I had a good session with Don G3VGC while prop lasted (long path) scores were up to 88 and down to 50 by the time the band dropped out. I will most likley be on again tonight (around 10.00Z) 14073
Mike VK3XL
Melbourne
Australia

--- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>
> G3VCG, VK3XL, DL4VCW (also worked) OE3ZK. Seems many fox's jumped over dog, hi. 73 OH7TE
>

644. Re: [V4Protocol] Why the pauses in FEC mode?

Yahoo group: V4Protocol
Date: 2010-12-23 01:01:47 UTC
From: Rick Muething
Topic: 602 Message: 644

John,
Technically of course they are not needed but they are there now to provide a break if the channel becomes busy. The size of the break (or its elimination) in FEC are likely to change.

Rick KN6KB

From: w2ki
Sent: Sunday, December 19, 2010 9:08 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Why the pauses in FEC mode?

As I sit here chatting in FEC and listening to the banging of the relay in the SignaLink USB as the transmitter goes in and out of TX, it got me wondering about the reasons behind the breaks in the FEC transmission between each frame. They're certainly needed for ARQ, but do they serve a purpose in V4 FEC?

Just curious.

73, John W2KI

645. New Features at Sked Page

Yahoo group: V4Protocol
Date: 2010-12-23 15:33:17 UTC
From: Andy obrien
Topic: 645 Message: 645

Thanks to some really amazing work by Joe N8FQ, this group's Sked Page at http://obriensweb.com/sked has had a major upgrade. The intent of the page is simple, a place to go on-line and coordinate QSOs and digital mode experiments. The upgrade includes more efficient database methods, ability to list your QRG next to your callsign. Display of DXCC unities on line in addition to the usual display of states and callsigns. A more convenient method of logging out is added , plus a very useful private mail function (click on a call sign) For digital mode skeds, the digitalradio" tab is the one you want. FYI, the LoTW tab also has quite a few users that are using digital modes for their LoTW awards, so that is worth a visit too (but users there expect you to be LoTW active)

Andy K3UK

646. SMS Alerts now possible at K3UK

Yahoo group: V4Protocol
Date: 2010-12-23 15:41:40 UTC
From: Andy obrien
Topic: 646 Message: 646

One more new feature at the K3UK Sked Page. We have now implemented a SMS Alert feature, you can receive a text message to your mobile phone whenever a needed USA State, DXCC entity , or USA County logs on to the sked page. You can specify which sked page your want the alert to be associated with (SKCC, LoTW, QRP, FISTS, Digitalradio, etc). To set-up your alerts, just click on EDIT at the bottom of your screen and then ALERTS. The Sked Page is at http://www.obriensweb.com/sked .

Andy K3UK

647. Re: Hrd last days 14073 kHz in OH

Yahoo group: V4Protocol
Date: 2010-12-23 17:14:12 UTC
From: Juhani
Topic: 642 Message: 647

FB Mike et al,

I will QRV 14073 from 10:00Z - 14:00Z to next monday, then every weekends only because of i'm workdays stby...
WX report: Temp -25 C, snow level over 85 cm here in "South" hi. Really white Xmas!

73 Yussi OH7TE

--- In V4Protocol@yahoogroups.com, "vk3xl" <mike.allan@...> wrote:
>
>
> I had a good session with Don G3VGC while prop lasted (long path) scores were up to 88 and down to 50 by the time the band dropped out. I will most likley be on again tonight (around 10.00Z) 14073
> Mike VK3XL
> Melbourne
> Australia
>
> --- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@> wrote:
> >
> > G3VCG, VK3XL, DL4VCW (also worked) OE3ZK. Seems many fox's jumped over dog, hi. 73 OH7TE
> >
>

648. New member, trying to install V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-23 20:53:07 UTC
From: W3CY
Topic: 648 Message: 648

My name is Charles, W3CY and I am a new member of the list and am currently trying to install the program. I have a problem with the installer software.... it expects to find a drive C: and cannot so it tells me I need to select another drive but it gives me no opportunity to do so. My boot drive is drive F: I don't have a drive C: on my pc. What is the work around? There must be some way to do this but I cannot seem to find it.

Thanks in advance.

Charles Wackerman
W3CY
www.cwackerman.org
www.mocars.org

649. Re: [V4Protocol] New member, trying to install V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-23 21:58:53 UTC
From: Hoby KK8G
Topic: 648 Message: 649

Good afternoon, Charles.. I'm also interested in the response. I'm in the same boat as you are.
The way I got around it was to put one of my USB HD's on the system and it was recognized as C:. For installation, I just changed the destination to my F: drive and it is working good. I removed the USB HD as soon as the installation was complete. There have not been any new upgrades since then, so I'm not sure if I will have to go that route every time or only during the initial setup.
I tried to rename either my F: or G: drive to make one look like a C: drive and couldn't find a way. When I find out how to do it, I'm going to put the info file on the desktop!!
73
Hoby KK8G/AFA5HF

----- Original Message -----
From: W3CY
To: V4Protocol@yahoogroups.com
Sent: Thursday, December 23, 2010 3:53 PM
Subject: [V4Protocol] New member, trying to install V4Protocol

My name is Charles, W3CY and I am a new member of the list and am currently trying to install the program. I have a problem with the installer software.... it expects to find a drive C: and cannot so it tells me I need to select another drive but it gives me no opportunity to do so. My boot drive is drive F: I don't have a drive C: on my pc. What is the work around? There must be some way to do this but I cannot seem to find it.

Thanks in advance.

Charles Wackerman
W3CY

650. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-23 22:04:23 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 650

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.1.7.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.1.7.0 Full Install (zipped)

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.1.7.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

651. RE: [V4Protocol] New member, trying to install V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-23 22:04:19 UTC
From: Stephen West-Fisher
Topic: 648 Message: 651

It might work to map your "F:\" drive to "C:\". You would need to share it first, then you could map it.

N4IK

--

Stephen West-Fisher

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Hoby KK8G
Sent: Thursday, December 23, 2010 4:59 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New member, trying to install V4Protocol

Good afternoon, Charles.. I'm also interested in the response. I'm in the same boat as you are.

The way I got around it was to put one of my USB HD's on the system and it was recognized as C:. For installation, I just changed the destination to my F: drive and it is working good. I removed the USB HD as soon as the installation was complete. There have not been any new upgrades since then, so I'm not sure if I will have to go that route every time or only during the initial setup.

I tried to rename either my F: or G: drive to make one look like a C: drive and couldn't find a way. When I find out how to do it, I'm going to put the info file on the desktop!!

73

Hoby KK8G/AFA5HF

----- Original Message -----

From: W3CY <mailto:W3CY@...>

To: V4Protocol@yahoogroups.com

Sent: Thursday, December 23, 2010 3:53 PM

Subject: [V4Protocol] New member, trying to install V4Protocol

My name is Charles, W3CY and I am a new member of the list and am currently trying to install the program. I have a problem with the installer software.... it expects to find a drive C: and cannot so it tells me I need to select another drive but it gives me no opportunity to do so. My boot drive is drive F: I don't have a drive C: on my pc. What is the work around? There must be some way to do this but I cannot seem to find it.

Thanks in advance.

Charles Wackerman
W3CY

652. Re: [V4Protocol] New member, trying to install V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-23 22:08:50 UTC
From: Graham
Topic: 648 Message: 652

Evening all,

I don't know if my comments are of any help or not. However, I just upgraded from v 0.1.3.0 to 0.1.6.0.

I first had to remove the previous version before I could install the new verion.

I am using Windows XP and I have a folder on my c: drive called usr i.e. c:\usr where install any software that is ham radio or electronics design in nature; it is just a separate place to help keep these things in order.

When installing, the installation program asks where I want to install the application and it suggest c:\v4chat which I change to c:\usr\v4chat.

Would not be possible for you do something similar like replacing the the c:\v4chat suggested with f:\v4chat or similar?

I have only just started to mess about with this app. I have not yet made a contact nor have I successfully been able to monitor any activity. I know it is there, I just haven't got everything lined up yet.

cheers, Graham ve3gtc

On 12/23/2010 16:58, Hoby KK8G wrote:
>
>
> Good afternoon, Charles.. I'm also interested in the response. I'm in
> the same boat as you are.
> The way I got around it was to put one of my USB HD's on the system
> and it was recognized as C:. For installation, I just changed the
> destination to my F: drive and it is working good. I removed the USB
> HD as soon as the installation was complete. There have not been any
> new upgrades since then, so I'm not sure if I will have to go that
> route every time or only during the initial setup.
> I tried to rename either my F: or G: drive to make one look like a C:
> drive and couldn't find a way. When I find out how to do it, I'm going
> to put the info file on the desktop!!
> 73
> Hoby KK8G/AFA5HF
>
> ----- Original Message -----
> *From:* W3CY <mailto:W3CY@...>
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Thursday, December 23, 2010 3:53 PM
> *Subject:* [V4Protocol] New member, trying to install V4Protocol

>
> My name is Charles, W3CY and I am a new member of the list and am
> currently trying to install the program. I have a problem with the
> installer software.... it expects to find a drive C: and cannot so
> it tells me I need to select another drive but it gives me no
> opportunity to do so. My boot drive is drive F: I don't have a
> drive C: on my pc. What is the work around? There must be some way
> to do this but I cannot seem to find it.
>
> Thanks in advance.
>
> Charles Wackerman
> W3CY
>
>
>
>

653. New Release 0.1.7.0 Posted on Yahoo V4Protocol site.

Yahoo group: V4Protocol
Date: 2010-12-23 22:09:09 UTC
From: Rick Muething
Topic: 653 Message: 653

All,

Been battling a bad cold but this update should improve performance and takes care of some minor issues. See summary of revision files below. Please let me know of any serious problems.
73,

Rick KN6KB

V4 TNC Revision History
12/23/2010 0.1.7.0 Fixed inadvertent changes in Squelch from "mouse wheel"
Modify receive level reporting to eliminate averaging...showing true peaks.
Modify "distance" calculation and plotting to constellation. New I,Q limits 0<(I,Q)<256
Change "distance thresholds" in Process symbol ACK/NAK = 50, FEC/ARQ = 200
Modify V4Demod.ComputeIQHistoryRSSDistance to add distance bias of 100
Modify/correct Correlation calc in SearchForAMLeader47B to use avg N of 3 bins in calc S/N

V4 Chat Revision History
12/23/2010 0.1.7.0 Change Mini log edit to allow date/time edit and error checking.
Update documentation and Help

654. Re: [V4Protocol] New Release 0.1.7.0 Posted on Yahoo V4Protocol site.

Yahoo group: V4Protocol
Date: 2010-12-23 22:27:00 UTC
From: Dennis Gabler
Topic: 653 Message: 654

Thanks Rick.

Dennis Gabler AAR7DG/W5DG
Adel, IA. - Sysop AAB7IA AAR7DG-5
http://army.iowamars.org
ICS 100, 200, 300, 400, 700, 800, and COML-T certified

655. Re: [V4Protocol] New Release 0.1.7.0 Posted on Yahoo V4Protocol site.

Yahoo group: V4Protocol
Date: 2010-12-24 02:16:52 UTC
From: W6IDS
Topic: 653 Message: 655

Hey Rick, just got it installed at 0214Z. Quick tests shows good install
and no problems thus far with transmit. Now, if someone is around to
test with.

Enjoy the Xmas Holiday season.

Thanks, Pal.

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Thursday, December 23, 2010 5:09 PM
Subject: [V4Protocol] New Release 0.1.7.0 Posted on Yahoo V4Protocol site.

All,

Been battling a bad cold but this update should improve performance and takes care of some minor issues. See summary of revision files below. Please let me know of any serious problems.
73,

Rick KN6KB

656. How to install V4 on a PC without internet access?

Yahoo group: V4Protocol
Date: 2010-12-24 11:46:46 UTC
From: edgarschuell
Topic: 656 Message: 656

Hi All,

first of all Merry Christmas and Happy New Year to all of You!

I have installed V4 successfully on my internet PC, but didn`t

succeed on my stand alone PC which I use for Amateur radio.

So please let me know, how I can do this.

73 de Edgar, DL5MCQ

657. Re: [V4Protocol] How to install V4 on a PC without internet access?

Yahoo group: V4Protocol
Date: 2010-12-24 13:06:35 UTC
From: Rick Muething
Topic: 656 Message: 657

Edgar,

V4 and V4 chat does not need internet access. The only TCP IP connection required is one local to the machine (same computer) from V4Chat to the V4TNC on the ports specified (defaults 8510, 8511). This is NOT and internet connection but does require that the computer have the TCP Protocol installed (almost all do now days). You will also need .NET 3.5 installed and the installer should check this and indicate if it is missing from the target machine. If you have installation problems you'll have to be more specific about the errors or issues than "but didn`t succeed on my stand alone PC".

73 and Merry Christmas,

Rick KN6KB .

658. Amazing work

Yahoo group: V4Protocol
Date: 2010-12-24 13:59:23 UTC
From: Michael - VA3LKI
Topic: 658 Message: 658

Rick

This sounds like you have found a cure for the common cold.....
Great programming!!! How long before the stuffy head clears? ;-)

Have a Merry Christmas to you and the WDT.

73
Michael
VA3LKI - Sysop

(14) 6a. New Release 0.1.7.0 Posted on Yahoo V4Protocol site. Posted by: "Rick Muething" rmuething@... ? kn6kb Thu Dec?23,?2010 2:10?pm (PST)

All,

Been battling a bad cold but this update should improve performance and takes care of some minor issues. See summary of revision files below. Please let me know of any serious problems.
73,

Rick KN6KB

659. Decoding problems

Yahoo group: V4Protocol
Date: 2010-12-24 15:02:25 UTC
From: Graham
Topic: 653 Message: 659

At the moment (2010-12-24 14:57 UTC) I am monitoring 14073 and hear a couple of signals, some very weak but a couple that are fairly strong but I do not get a very good decode on any of them NC5O is one and KN6KB is another - just enough decode to figure the calls but that is about it.

I have played around RX audio levels but it hasn't made any difference. Is V4 that sensitive to receive audio levels? I have no problem with PSK,JT65, WSPR etc - just V4.

Suggestions?

cheers, Graham ve3gtc

660. Version 0.1.7.0 Christmas Present

Yahoo group: V4Protocol
Date: 2010-12-24 15:11:36 UTC
From: kb0fx
Topic: 660 Message: 660

Thanks Rick for a great update.

73's Mike KB0FX

661. Re: [V4Protocol] Decoding problems

Yahoo group: V4Protocol
Date: 2010-12-24 16:05:10 UTC
From: Rick Muething
Topic: 653 Message: 661

Graham,

The receive audio level should be in the green area of the level bar. If it goes RED it can overload the sound card and decrease the decoding. In the blue you don't have enough audio and decoding will be marginal. There is no "sweet spot" for audio level...it works on the RATIO of signal to noise in a FFT.

You also of course have to be correctly tuned within the auto tuning range. If the V4 Signal (the entire signal...200 Hz wide) fits INSIDE the green tuning lines the auto tune capability of the V4TNC should tune it in (to about 1 Hz accuracy). The offset of the remote station is shown on the TNC form. You can set the capture (tuning) range in the setup....default = +/- 100 Hz. Trying to "zero" the offset with the dial isn't necessary and won't improve decoding.

If you are still having problems do this. Make sure all your levels and tuning is set correctly as above. Turn on V4 debugging (Setup). Try and listen to a remote station noting the time (UTC) of the test. Then send me your V4 TNC Debug <date>.log and the time (UTC) of the test and what you observed. That debug log tells me much more than you could describe in an email! Send the log (as an attachment) directly to rmuethingATcfl.rr.com

73,

Rick KN6KB

662. Re: [V4Protocol] Version 0.1.7.0 Christmas Present

Yahoo group: V4Protocol
Date: 2010-12-24 15:53:49 UTC
From: Phil Williams
Topic: 660 Message: 662

I'll second that...philw de ka1gmn

On Fri, Dec 24, 2010 at 9:11 AM, kb0fx <mweilblinux@...> wrote:

>
>
> Thanks Rick for a great update.
>
> 73's Mike KB0FX
>
>
>

--
Philw de KA1GMN

663. 7073.30

Yahoo group: V4Protocol
Date: 2010-12-24 22:45:57 UTC
From: afa4qg
Topic: 663 Message: 663

ANYBODY GOT TIME FOR A QSO ON 7073.30
I'M THERE CALLING CQ AT 5:45 P.M.
MERRY CHRISTMAS EVERYONE.
DICK, W4WEB

664. Re: New member, trying to install V4Protocol

Yahoo group: V4Protocol
Date: 2010-12-25 02:50:39 UTC
From: Ralph
Topic: 648 Message: 664

To get to the non-existent "C:" drive, you can use the DOS command SUBST. Open a command window and type "subst /?" to get the syntax. Once you get it to work the way you want, just create a ".bat" batch file and execute it from a shortcut placed in the "startup" folder.

Ralph K8HSQ

--- In V4Protocol@yahoogroups.com, "W3CY" <W3CY@...> wrote:
>
> My name is Charles, W3CY and I am a new member of the list and am currently trying to install the program. I have a problem with the installer software.... it expects to find a drive C: and cannot so it tells me I need to select another drive but it gives me no opportunity to do so. My boot drive is drive F: I don't have a drive C: on my pc. What is the work around? There must be some way to do this but I cannot seem to find it.
>
> Thanks in advance.
>
> Charles Wackerman
> W3CY
> www.cwackerman.org
> www.mocars.org
>

665. Re: How to install V4 on a PC without internet access?

Yahoo group: V4Protocol
Date: 2010-12-25 15:26:21 UTC
From: edgarschuell
Topic: 656 Message: 665

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Edgar,
>
> V4 and V4 chat does not need internet access. The only TCP IP connection required is one local to the machine (same computer) from V4Chat to the V4TNC on the ports specified (defaults 8510, 8511). This is NOT and internet connection but does require that the computer have the TCP Protocol installed (almost all do now days). You will also need .NET 3.5 installed and the installer should check this and indicate if it is missing from the target machine. If you have installation problems youâ☐☐ll have to be more specific about the errors or issues than â☐☐but didn`t succeed on my stand alone PCâ☐☐.
>
> 73 and Merry Christmas,
>
> Rick KN6KB .

Hi Rick,

many tnx for your reply and the hint with .NET35.

After installing .Net35 I was successfully installing the V4 software

on my ham pc. Now waiting for signals to decode...

73 de Edgar, DL5MCQ
>

666. Serial ports blues

Yahoo group: V4Protocol
Date: 2010-12-25 21:52:05 UTC
From: Salvo
Topic: 666 Message: 666

Hello to the whole group.

I am finding hard time installing the V4Chat 0.1.7.0 for my FLEX-3000.
I use virtual serial port made by ETHERLOGIG, VSPE, that I find since then at
http://www.eterlogic.com/Products.VSPE.html
It's the free edition that I installed under W7.

The V4 setup doesn't find those serial ports i created with that package. I didn't tried others serial ports emulators as I use it with success since one years ago. It see the physical COM1 and some other COMs, 5 to 8, that are made by Eltima virtual serial port driver.

Does anybody other using V4Chat with FLEX?

If the answer is yes, would you please tell me witch is yours serial port emulator.

I will try also with those Eltima Serial ports made by the MicroHam packages that I own. But to date with the MK2 and a IC-7700, using the V 0.1.3.0 version of VChat I have had no joy. The PTT seem to hang on after the any TX attempt. I will ASAP check agn with 0.1.7.0. By the way flushing manually the TRANSMIT button stop the stuck TXing disease of my poor RTX.

Finally, just to know, the whole setup is pretty well working without a glitch with N1MM, DM780, WSPR, WSJT and MIXW ... so I suppose that the whole bunch of bit and pieces inside and around my setup is still working. I mean that I have not problems speaking about other HAM software packages.

I really would give a try with V4Chat, any FLEXer out there ...

73 de iw1ayd Salvo

667. Re: [V4Protocol] Serial ports blues

Yahoo group: V4Protocol
Date: 2010-12-25 23:50:16 UTC
From: Mel Whitten
Topic: 666 Message: 667

Salvo,

Several Flex owners are using VSPmgr (free) and it may be obtained here:
http://k5fr.com/ddutilwiki/index.php?title=VSP_Manager

In "Radio settings" use PTT Port (optional) and RTS for control (both V4 and Flex).

Mel
k0pfx

----- Original Message -----
From: Salvo
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 25, 2010 3:52 PM
Subject: [V4Protocol] Serial ports blues

Hello to the whole group.

I am finding hard time installing the V4Chat 0.1.7.0 for my FLEX-3000.
I use virtual serial port made by ETHERLOGIG, VSPE, that I find since then at
http://www.eterlogic.com/Products.VSPE.html
It's the free edition that I installed under W7.

The V4 setup doesn't find those serial ports i created with that package. I didn't tried others serial ports emulators as I use it with success since one years ago. It see the physical COM1 and some other COMs, 5 to 8, that are made by Eltima virtual serial port driver.

Does anybody other using V4Chat with FLEX?

If the answer is yes, would you please tell me witch is yours serial port emulator.

I will try also with those Eltima Serial ports made by the MicroHam packages that I own. But to date with the MK2 and a IC-7700, using the V 0.1.3.0 version of VChat I have had no joy. The PTT seem to hang on after the any TX attempt. I will ASAP check agn with 0.1.7.0. By the way flushing manually the TRANSMIT button stop the stuck TXing disease of my poor RTX.

Finally, just to know, the whole setup is pretty well working without a glitch with N1MM, DM780, WSPR, WSJT and MIXW ... so I suppose that the whole bunch of bit and pieces inside and around my setup is still working. I mean that I have not problems speaking about other HAM software packages.

I really would give a try with V4Chat, any FLEXer out there ...

73 de iw1ayd Salvo

668. Re: [V4Protocol] Serial ports blues

Yahoo group: V4Protocol
Date: 2010-12-26 00:57:48 UTC
From: Ron Wenig
Topic: 666 Message: 668

Hi Salvo,

With my Flex3000 I use com0com. I tried N8VBvcom and I had trouble getting it to work with my Windows 7 64 bit system. With com0com I had to turn enable test signing and run the install and setup with admin rights. The help section explains it. The defaults start with CNCA0 and CNCB0. I changed the ports to COM7 and COM17 for one pair and COM6 and COM16 for the other pair. In the PowerSDR for CAT Control I used COM16 and for PTT I used COM17. In V4Chat I set the Radio Control to use COM6 and the PTT Port to use COM7. Both are set to 57600 baud, RTS and DTR. Very easy to set up. Along with the Virtual Audio Cable it's a virtual world of no cables :-)

73, Ron ny3j

On 12/25/2010 4:52 PM, Salvo wrote:
>
> Hello to the whole group.
>
> I am finding hard time installing the V4Chat 0.1.7.0 for my FLEX-3000.
> I use virtual serial port made by ETHERLOGIG, VSPE, that I find since
> then at http://www.eterlogic.com/Products.VSPE.html
> It's the free edition that I installed under W7.
>
> The V4 setup doesn't find those serial ports i created with that
> package. I didn't tried others serial ports emulators as I use it with
> success since one years ago. It see the physical COM1 and some other
> COMs, 5 to 8, that are made by Eltima virtual serial port driver.
>
> Does anybody other using V4Chat with FLEX?
>
> If the answer is yes, would you please tell me witch is yours serial
> port emulator.
>
> I will try also with those Eltima Serial ports made by the MicroHam
> packages that I own. But to date with the MK2 and a IC-7700, using the
> V 0.1.3.0 version of VChat I have had no joy. The PTT seem to hang on
> after the any TX attempt. I will ASAP check agn with 0.1.7.0. By the
> way flushing manually the TRANSMIT button stop the stuck TXing disease
> of my poor RTX.
>
> Finally, just to know, the whole setup is pretty well working without
> a glitch with N1MM, DM780, WSPR, WSJT and MIXW ... so I suppose that
> the whole bunch of bit and pieces inside and around my setup is still
> working. I mean that I have not problems speaking about other HAM
> software packages.

>
> I really would give a try with V4Chat, any FLEXer out there ...
>
> 73 de iw1ayd Salvo
>
>

669. Frequencies

Yahoo group: V4Protocol
Date: 2010-12-26 04:07:24 UTC
From: aa0bw
Topic: 637 Message: 669

Where is everyone at after dark? I don't usually get on until 4:00 AM Zulu or so.
Thanks, Bob AA0BW

670. AW: [V4Protocol] Frequencies

Yahoo group: V4Protocol
Date: 2010-12-26 10:19:46 UTC
From: Siegfried Jackstien
Topic: 637 Message: 670

Singing xmas lyrics under the tree ... maybe
Dg9bfc
Sigi

671. Calling frequencies

Yahoo group: V4Protocol
Date: 2010-12-26 10:42:02 UTC
From: Juanjo EA8BGO
Topic: 671 Message: 671

Hello everyone.

I would like to know what the calling frequencies they are using.

Sincerely,
Juanjo
EA8BGO

672. Re: [V4Protocol] Calling frequencies

Yahoo group: V4Protocol
Date: 2010-12-26 11:01:27 UTC
From: OE3ZK
Topic: 671 Message: 672

A good choice for EU is 14073 Dial USB

73
Gert, OE3ZK

----- Original Message -----
From: Juanjo EA8BGO
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 26, 2010 11:42 AM
Subject: [V4Protocol] Calling frequencies

Hello everyone.

I would like to know what the calling frequencies they are using.

Sincerely,
Juanjo
EA8BGO

673. Re: [V4Protocol] Calling frequencies

Yahoo group: V4Protocol
Date: 2010-12-26 11:33:07 UTC
From: Juanjo EA8BGO
Topic: 671 Message: 673

thanks Gert for this qso mode!!

All the best to you and your family.

happy new year 2011

73
Juanjo

2010/12/26 OE3ZK <oe3zk@...>

>
>
> A good choice for EU is 14073 Dial USB
>
> 73
> Gert, OE3ZK
>
>
>
> ----- Original Message -----
> *From:* Juanjo EA8BGO <ea8bgo@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Sunday, December 26, 2010 11:42 AM
> *Subject:* [V4Protocol] Calling frequencies
>
> Hello everyone.
>
> I would like to know what the calling frequencies they are using.
>
> Sincerely,
> Juanjo
> EA8BGO
>
>
>

674. Anybody For A V4 Test?

Yahoo group: V4Protocol
Date: 2010-12-26 18:52:20 UTC
From: Rick Westerfield
Topic: 674 Message: 674

Hello,

Anybody up for some V4 Chat? I am parked on 14073.0 dial here in
northwest Louisiana . . . .

Rick - KH2DF

675. Re: [V4Protocol] Anybody For A V4 Test?

Yahoo group: V4Protocol
Date: 2010-12-26 21:45:14 UTC
From: W6IDS
Topic: 674 Message: 675

Hey!

Gave you a call around 2140Z. I'll be sitting there for a bit.

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Rick Westerfield
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 26, 2010 1:52 PM
Subject: [V4Protocol] Anybody For A V4 Test?

Hello,

Anybody up for some V4 Chat? I am parked on 14073.0 dial here in northwest Louisiana . . .
.

Rick - KH2DF

676. RE: [V4Protocol] Anybody For A V4 Test?

Yahoo group: V4Protocol
Date: 2010-12-26 22:14:18 UTC
From: Rick Westerfield
Topic: 674 Message: 676

Hello Howard,

I hung out there for a while and snagged a Hellschreiber QSO which was fun for a change but V4 Chat did not decode anything. For now, I have abandoned the radio room to watch Green Bay and the Giants. I might try again later tonight but thanks for giving me a shout. We will manage to make something happen eventually.

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of W6IDS
Sent: Sunday, December 26, 2010 3:45 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Anybody For A V4 Test?

Hey!

Gave you a call around 2140Z. I'll be sitting there for a bit.

Howard W6IDS

Richmond, IN EM79NV

----- Original Message -----

From: Rick Westerfield <mailto:r_lwesterfield@...>

To: V4Protocol@yahoogroups.com

Sent: Sunday, December 26, 2010 1:52 PM

Subject: [V4Protocol] Anybody For A V4 Test?

Hello,

Anybody up for some V4 Chat? I am parked on 14073.0 dial here in northwest Louisiana . . . .

Rick - KH2DF

677. V4 TNC Debug Log

Yahoo group: V4Protocol
Date: 2010-12-26 23:17:53 UTC
From: Phil Williams
Topic: 677 Message: 677

Rick,

Is there an chance of adding a bit more of an obvious tag when the AUTOID is successfully decoded?

Something like "AUTOID:KA1GMN" or something similar? It would make the parsing of AUTOID out of the debug easier.

Thanks
--
Philw de KA1GMN

678. Re: [V4Protocol] V4 TNC Debug Log

Yahoo group: V4Protocol
Date: 2010-12-27 13:21:32 UTC
From: Rick Muething
Topic: 677 Message: 678

Phil,
Yes I'll look into that for the next rev.

Rick KN6KB

From: Phil Williams
Sent: Sunday, December 26, 2010 6:17 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 TNC Debug Log

Rick,

Is there an chance of adding a bit more of an obvious tag when the AUTOID is successfully decoded?

Something like "AUTOID:KA1GMN" or something similar? It would make the parsing of AUTOID out of the debug easier.

Thanks
--
Philw de KA1GMN

679. 80M Test

Yahoo group: V4Protocol
Date: 2011-01-01 12:20:48 UTC
From: allan.cook68
Topic: 679 Message: 679

Hi Anyone from the U.K would like to try out V4 chat on 80m
e-mail me on g7vqv.iphone@...

and if so where on 80m do we go

Thanks

Allan G7VQV Southampton

680. HNY 2011

Yahoo group: V4Protocol
Date: 2011-01-01 13:47:58 UTC
From: Juhani
Topic: 680 Message: 680

Hi all. I'm QRV V4 now QRG 14073. Because of "sauna" heating in process maybe backround but I will check my screen at least every 10 min. 73 de OH7TE op Yussi

681. HRD nw

Yahoo group: V4Protocol
Date: 2011-01-01 15:25:54 UTC
From: Juhani
Topic: 681 Message: 681

WD4SEN and KB4E QRG 14073

682. W6NIA on 10144 MHz

Yahoo group: V4Protocol
Date: 2011-01-01 16:58:45 UTC
From: NNN0UET
Topic: 682 Message: 682

Dead center, calling CQ.

matt

683. What's happened

Yahoo group: V4Protocol
Date: 2011-01-02 14:55:47 UTC
From: kirkharding@rocketmail.com
Topic: 683 Message: 683

I've noticed as of late that emails from the group have dropped to 0. Not sure if the problems are my email settings (they look OK to me), or interest in the group has subsided. In any case, I'm interested in what's going on, if anything? I'm continuing to enjoy the mode but am not hearing as many users. Maybe it's the time of year with holidays and all. Happy New Year.

Kirk, K6KAR
Niceville, FL

684. Re: [V4Protocol] What's happened

Yahoo group: V4Protocol
Date: 2011-01-02 15:02:33 UTC
From: charles standlee
Topic: 683 Message: 684

More than likely it's just the holiday's, The same thing happended last year with Winmor and a few other new modes.
 73, Chuck AC5PW

From: "kirkharding@..." <kirk.harding@...>
To: V4Protocol@yahoogroups.com
Sent: Sun, January 2, 2011 8:55:47 AM
Subject: [V4Protocol] What's happened

I've noticed as of late that emails from the group have dropped to 0. Not sure if the problems are my email settings (they look OK to me), or interest in the group has subsided. In any case, I'm interested in what's going on, if anything? I'm continuing to enjoy the mode but am not hearing as many users. Maybe it's the time of year with holidays and all.

Happy New Year.

Kirk, K6KAR
Niceville, FL

685. RE: [V4Protocol] What's happened

Yahoo group: V4Protocol
Date: 2011-01-02 15:10:55 UTC
From: Rick Muething
Topic: 683 Message: 685

All,

The current version appears pretty stable. I have been working on the ARQ mode and had to make some significant changes there. Of course the standard holiday, parties etc. Hope to have a rev out this week with ARQ enabled.

Rick KN6KB

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date: 01/01/11 14:34:00

686. Re: [V4Protocol] What's happened

Yahoo group: V4Protocol
Date: 2011-01-02 15:45:36 UTC
From: John Hirth
Topic: 683 Message: 686

Happy New Year, Rick. I'm sure I speak for all of us when I convey my thanks for another year of your hard work programming for the benefit the digital community of Amateur Radio.

I've been and am a strong supporter, but at the risk of irritating those who have been excitedly waiting for the release of ARQ functionality, I going to be bold enough to ask tha instead of diverting focus at this point toward another set of issues, might it be worth a bit more time to tweak FEC mode's performance a bit more in weak signal and poor band conditions?

I've been monitoring (and working) more often lately, and even with version 0170 I just can't rid myself of the impression that in poor band conditions I could be easily making good QSOs with any of a few other modes, when with V4FEC I get little more than sporadic decodes. With several of the other soundcard modes when I can just barely hear that there's a signal on frequency I know I can get usable (often 100%) text, but in those same conditions I struggle with V4FEC to get frames decoded.

Have we reach the point of diminishing returns with effort on the performance of V4FEC?

But then again, perhaps I should just quietly wait and see.

73 and thanks again,
John W2KI

687. Re: [V4Protocol] What's happened

Yahoo group: V4Protocol
Date: 2011-01-02 20:45:16 UTC
From: Rick Muething
Topic: 683 Message: 687

John,

There are several issues here.... For one thing it is literally impossible to tweak, tune or even accurately evaluate the performance of ANY digital mode without a controlled environment such as those on a HF simulator of some type. e.g. Many casually associate the “quality” of the signal with its strength....one factor but path distortions (multipath, doppler etc) are actually more critical than just signal strength. For example I have run both PSK (31, 63 etc), WINMOR and V4 through various channels and PSK modes (including those PSK modes in WINMOR) do not fare well in poor multipath environments such as NVIS, aurora etc. Though most narrow band slow modes (e.g. PSK31) can be made to perform well in weak signal (white Gaussian noise) environments.

Optimizing a protocol for general usage environment entails repeated optimizations for factors such as error correction coding, automatic tuning, ARQ reliability (protocol robustness), poor multipath propagation as well as weak signal. For example it is possible to get another 1.7 dB or so weak signal performance by doubling the sound card sample rate and FFT sizes (at the expense of CPU loading) and I will look into that at some time in the future. But I want to get the basic protocol functionally working which includes ARQ before launching off into some of these optimization efforts. One thing ARQ will allow is to lower the detection thresholds (those magic constants inside the program no one sees!) that determine for example if and when a frame sync is detected. For true ARQ the thresholds can be set more aggressively since the ARQ protocol protects against any bad data getting through. This for example will allow better weak signal net throughput yet still allow the 100 % copy that ARQ allows.

To put it in perspective...The WINMOR protocol (more complex for sure than V4) took over 2 years to develop and optimize. Pactor 3 (with the PTC II’s massive DSP power) was optimized for over 10 years. These things all take time, real engineering effort and controlled methodical testing. Surely over the air rag chews are fun and provide good feedback on functionality and desired functions but when it comes to really MEASURING performance (error rates vs. S/N over standardized CCIR channels) there is no substitute for using the HF channel simulator and performing hours of testing and statistic collections.

The theory and initial tests I have run with V4 suggest it can be made very robust and still fit in a narrow 200 Hz channel and deliver modest 50+wpm typing speeds. It will however always be possible to design and field modes that offer better weak signal performances by using slower throughput (e.g. PSK31, JT65 etc) and/or wide bandwidth (e.g. Domino/Olivia).

Rick KN6KB

From: John Hirth
Sent: Sunday, January 02, 2011 10:45 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] What's happened

Happy New Year, Rick. I'm sure I speak for all of us when I convey my thanks for another year of your hard work programming for the benefit the digital community of Amateur Radio.

I've been and am a strong supporter, but at the risk of irritating those who have been excitedly waiting for the release of ARQ functionality, I going to be bold enough to ask tha instead of diverting focus at this point toward another set of issues, might it be worth a bit more time to tweak FEC mode's performance a bit more in weak signal and poor band conditions?

I've been monitoring (and working) more often lately, and even with version 0170 I just can't rid myself of the impression that in poor band conditions I could be easily making good QSOs with any of a few other modes, when with V4FEC I get little more than sporadic decodes. With several of the other soundcard modes when I can just barely hear that there's a signal on frequency I know I can get usable (often 100%) text, but in those same conditions I struggle with V4FEC to get frames decoded.

Have we reach the point of diminishing returns with effort on the performance of V4FEC?

But then again, perhaps I should just quietly wait and see.

73 and thanks again,
John W2KI

688. Re: [V4Protocol] What's happened

Yahoo group: V4Protocol
Date: 2011-01-02 23:12:56 UTC
From: Phil Williams
Topic: 683 Message: 688

"Many casually associate the “quality” of the signal with its strength....one factor but path distortions (multipath, doppler etc) are actually more critical than just signal strength."

Could not have said the above better myself. Everyone to burn the above in to the middle of their forehead.

Then....go buy a mirror from the local market...philw de ka1gmn

689. Re: [V4Protocol] What's happened

Yahoo group: V4Protocol
Date: 2011-01-03 00:05:36 UTC
From: John Hirth
Topic: 683 Message: 689

Thanks for again sharing your plans for FEC and ARQ. As I said in closing, I'll quietly (and gladly) stand by as we try to help your efforts, however meagerly.

73, John W2KI

690. Re: [V4Protocol] What's happened

Yahoo group: V4Protocol
Date: 2011-01-03 02:44:44 UTC
From: W6IDS
Topic: 683 Message: 690

Happy New Year Rick, to you and yours.

Yes, the chat FEC seems quite stable to me per se. You don't need to wrap the ARQ in ribbons or wrap or anything. Just put it where the tree was and then step back out of the way.

Howard W6IDS
Richmond, IN Em79NV

<tapping fingers, glancing at watch - AGAIN!>
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Sunday, January 02, 2011 10:10 AM
Subject: RE: [V4Protocol] What's happened

All,

The current version appears pretty stable. I have been working on the ARQ mode and had to make some significant changes there. Of course the standard holiday, parties etc. Hope to have a rev out this week with ARQ enabled.

Rick KN6KB

691. V4 Rate Worksheet

Yahoo group: V4Protocol
Date: 2011-01-03 18:35:20 UTC
From: ai1v
Topic: 691 Message: 691

Hi.

I've been reading the V4 spec and noticed an issue with the V4 rate worksheet. For the ARQ modes, it appears you only included 1 T/R switch time in the Frame Cycle computation. Shouldn't there be two? That makes the net throughput numbers:

ASCII ARQ: 30.62/262.49/43.75
UTF-8 ARQ: 32.01/240.08/40.01
(bps, chr/min, wpm)

Also, in the ARQ Frame Timing Details diagram, Tdly is between 50 and 100 ms. If we assume that the decoder flush time (128 ms) overlaps with the T/R time, we still end up with a max of 228 ms between T and R according to the diagram. Also, since there is no flush at the end of the ARQ packet, that is even more of a discrepancy.

Sorry if these issues have already been addressed.

73,
Rick
AI1V

692. PowerPoint presentation...

Yahoo group: V4Protocol
Date: 2011-01-03 23:30:05 UTC
From: k7gjt
Topic: 692 Message: 692

New to group today.
The 'Initial Plans for...' document talks about looking at a Powerpoint presentation that I'm not seeing in the files area.
Can anyone point me to it?
Thanks
73/Gary

693. Re: [V4Protocol] PowerPoint presentation...

Yahoo group: V4Protocol
Date: 2011-01-03 23:51:23 UTC
From: Rick Muething
Topic: 692 Message: 693

Gary,

I somehow had missed this. I Uploaded the DCC 2010 presentation but there are some technical changes that are now in the protocol that aren't reflected. When I release the ARQ version I'll go back and update the help and some of the documentation.

Rick KN6KB

.

694. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-01-03 23:49:37 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 694

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /DCC 2010 V4_V4_Chat.ppt
Uploaded by : kn6kb <rmuething@...>
Description : V4 & V4 Chat Power Point presentation at DCC 2010

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/DCC%202010%20V4_V4_Chat.ppt

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

695. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-01-04 01:22:55 UTC
From: W6IDS
Topic: 43 Message: 695

Rick,

You do nice work.

Howard W6IDS
Richmond, IN Em79NV

----- Original Message -----
From: <V4Protocol@yahoogroups.com>
To: <V4Protocol@yahoogroups.com>
Sent: Monday, January 03, 2011 6:49 PM
Subject: [V4Protocol] New file uploaded to V4Protocol

>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the V4Protocol
> group.
>
> File : /DCC 2010 V4_V4_Chat.ppt
> Uploaded by : kn6kb <rmuething@...>
> Description : V4 & V4 Chat Power Point presentation at DCC 2010
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/V4Protocol/files/DCC%202010%20V4_V4_Chat.ppt

696. Re: PowerPoint presentation...

Yahoo group: V4Protocol
Date: 2011-01-04 02:49:42 UTC
From: aa777888athotmaildotcom
Topic: 692 Message: 696

Rick,

If I'm reading the slides correctly, then in future presentations you might want to replace "slickness" with "low latency".

k*b*l*o*o*q

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Gary,
>
> I somehow had missed this. I Uploaded the DCC 2010 presentation but there are some technical changes that are now in the protocol that arenâ☐☐t reflected. When I release the ARQ version Iâ☐☐ll go back and update the help and some of the documentation.
>
> Rick KN6KB
>
>
> .
>

697. RE: [V4Protocol] PowerPoint presentation...

Yahoo group: V4Protocol
Date: 2011-01-04 04:11:20 UTC
From: K7GJT - Gary
Topic: 692 Message: 697

Rick,
Thank you!
73
Gary

K7GJT - Gary
via the Now Network™ from Sprint®

-----Original Message-----
From: Rick Muething <rmuething@cfl.rr.com>
Sent: Monday, January 03, 2011 15:51
To: V4Protocol@...m
Subject: Re: [V4Protocol] PowerPoint presentation...

Gary,

I somehow had missed this. I Uploaded the DCC 2010 presentation but there are some technical changes that are now in the protocol that aren't reflected. When I release the ARQ version I'll go back and update the help and some of the documentation.

Rick KN6KB

.

698. Re: [V4Protocol] Re: PowerPoint presentation...

Yahoo group: V4Protocol
Date: 2011-01-04 12:58:07 UTC
From: Rick Muething
Topic: 692 Message: 698

Gary,

Yes probably so...slickness is probably some bad slang for Low latency!

Rick KN6KB

From: aa777888athotmaildotcom
Sent: Monday, January 03, 2011 9:49 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: PowerPoint presentation...

Rick,

If I'm reading the slides correctly, then in future presentations you might want to replace "slickness" with "low latency".

k*b*l*o*o*q

--- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Gary,
>
> I somehow had missed this. I Uploaded the DCC 2010 presentation but there are some technical changes that are now in the protocol that arenâ□□t reflected. When I release the ARQ version Iâ□□ll go back and update the help and some of the documentation.
>
> Rick KN6KB
>
>
> .
>

699. Re: PowerPoint presentation...

Yahoo group: V4Protocol
Date: 2011-01-04 17:03:07 UTC
From: aa777888athotmaildotcom
Topic: 692 Message: 699

"Scott", actually :-)

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Gary,
>
> Yes probably so...slickness is probably some bad slang for Low latency!
>
> Rick KN6KB
>
>
> From: aa777888athotmaildotcom
> Sent: Monday, January 03, 2011 9:49 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: PowerPoint presentation...
>
>
> Rick,
>
> If I'm reading the slides correctly, then in future presentations you might want to replace "slickness" with "low latency".
>
> k*b*l*o*o*q
>
> --- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> >
> > Gary,
> >
> > I somehow had missed this. I Uploaded the DCC 2010 presentation but there are some technical changes that are now in the protocol that arenÃ¢Â□Â□t reflected. When I release the ARQ version IÃ¢Â□Â□ll go back and update the help and some of the documentation.
> >
> > Rick KN6KB
> >
> >
> > .
> >
>

700. Character set. UTF-8 Spinnoff to RMS Express?

Yahoo group: V4Protocol
Date: 2011-01-04 20:26:06 UTC
From: la7um
Topic: 700 Message: 700

Hi Rick. I like what I am only reading so far. I wonder as a spinnoff decoding UTF-8 in V4 also might be implemented in RMS Express as an option? 73 de la7um Finn

701. Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

Yahoo group: V4Protocol
Date: 2011-01-06 01:22:53 UTC
From: kj4zfe
Topic: 701 Message: 701

Just finished downloading and set everything up. Looking for others to join me for a test tomorrow night.

I'll try to come up 15 mins or so early and plan to stay until 0030 UTC.

Hope to see someone join me.

KJ4ZFE
John
Virginia

702. Re: [V4Protocol] Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

Yahoo group: V4Protocol
Date: 2011-01-06 01:29:57 UTC
From: w4lde
Topic: 701 Message: 702

What freq John, when are you starting?

73 de
Ron W4LDE

On 1/5/2011 8:22 PM, kj4zfe wrote:
> Just finished downloading and set everything up. Looking for others to join me for a test tomorrow night.
>
> I'll try to come up 15 mins or so early and plan to stay until 0030 UTC.
>
> Hope to see someone join me.
>
> KJ4ZFE
> John
> Virginia
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

703. Re: [V4Protocol] Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

Yahoo group: V4Protocol
Date: 2011-01-06 01:46:46 UTC
From: John Herman
Topic: 701 Message: 703

Date: 07 Jan 2011 (06 Jan 2011 East Coast US)
Time: 0001 UTC (1900 East Coast Time US)
Freq: 14.073.00, USB

73s

John

From: w4lde <w4lde@...>
To: V4Protocol@yahoogroups.com
Sent: Wed, January 5, 2011 8:29:57 PM
Subject: Re: [V4Protocol] Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

What freq John, when are you starting?

73 de
Ron W4LDE

On 1/5/2011 8:22 PM, kj4zfe wrote:
> Just finished downloading and set everything up. Looking for others to join me
>for a test tomorrow night.
>
> I'll try to come up 15 mins or so early and plan to stay until 0030 UTC.
>
> Hope to see someone join me.
>
> KJ4ZFE
> John
> Virginia
>
>
>
> ---
>
> Yahoo! Groups Links
>
>
>
>

704. V4 CHAT

Yahoo group: V4Protocol
Date: 2011-01-06 20:14:45 UTC
From: ALBERT
Topic: 704 Message: 704

HOW DO GET THE PROGRAM TO TRANSMIT ?

705. RE: [V4Protocol] V4 CHAT

Yahoo group: V4Protocol
Date: 2011-01-06 20:39:14 UTC
From: Rick Muething
Topic: 704 Message: 705

Read the help and trouble shooting sections. You enter data into the keyboard text box. A Ctrl<Cr> (Return while holding down Ctrl) will cause the data in the keyboard window to be transferred to the outbound buffer and send in FEC mode. ARQ is not yet enabled.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of ALBERT
Sent: Thursday, January 06, 2011 3:15 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 CHAT

HOW DO GET THE PROGRAM TO TRANSMIT ?

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.872 / Virus Database: 271.1.1/3259 - Release Date: 01/05/11 14:34:00

706. RE: [V4Protocol] V4 CHAT

Yahoo group: V4Protocol
Date: 2011-01-06 20:41:07 UTC
From: Dave Frazier
Topic: 704 Message: 706

After you have typed in your text, hit Control-Enter.

To: V4Protocol@yahoogroups.com
From: aa1cz1954@...
Date: Thu, 6 Jan 2011 20:14:45 +0000
Subject: [V4Protocol] V4 CHAT

HOW DO GET THE PROGRAM TO TRANSMIT ?

707. RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

Yahoo group: V4Protocol
Date: 2011-01-06 22:37:02 UTC
From: aat3py@quiltsweets.com
Topic: 707 Message: 707

John,

I have had many contacts on 7.073 MHz. I run an NVIS antenna from Warrenton, VA
and read the V4 list daily so I can sked with you anytime. Freq is great in the
morning. I can be there at 9 AM EST tomorrow, 1/7/11 if you want. 73 Larry K4LLQ

---

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708. Re: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

Yahoo group: V4Protocol
Date: 2011-01-06 23:18:52 UTC
From: John Herman
Topic: 707 Message: 708

We can try for Monday of next week. I work Fri - Sun and have Monday off. Glad to try at 9 AM! Getting ready to fire up to see how it works tonight.

John

From: "aat3py@...m" <aat3py@...>
To: V4Protocol@yahoogroups.com
Sent: Thu, January 6, 2011 5:37:02 PM
Subject: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

John,

I have had many contacts on 7.073 MHz. I run an NVIS antenna from Warrenton, VA
and read the V4 list daily so I can sked with you anytime. Freq is great in the
morning. I can be there at 9 AM EST tomorrow, 1/7/11 if you want. 73 Larry K4LLQ

---

mail2web.com – What can On Demand Business Solutions do for you?
http://link.mail2web.com/Business/SharePoint

709. Re: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

Yahoo group: V4Protocol
Date: 2011-01-06 23:37:04 UTC
From: John Herman
Topic: 707 Message: 709

7.043.00 is busy right now, might move to 3.583.00 (which is also busy as well). We'll see.

From: John Herman <kj4zfe@...>
To: V4Protocol@yahoogroups.com
Sent: Thu, January 6, 2011 6:18:52 PM
Subject: Re: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

We can try for Monday of next week. I work Fri - Sun and have Monday off. Glad to try at 9 AM! Getting ready to fire up to see how it works tonight.

John

From: "aat3py@..." <aat3py@...>
To: V4Protocol@yahoogroups.com
Sent: Thu, January 6, 2011 5:37:02 PM
Subject: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

John,

I have had many contacts on 7.073 MHz. I run an NVIS antenna from Warrenton, VA
and read the V4 list daily so I can sked with you anytime. Freq is great in the
morning. I can be there at 9 AM EST tomorrow, 1/7/11 if you want. 73 Larry K4LLQ

---

mail2web.com – What can On Demand Business Solutions do for you?
http://link.mail2web.com/Business/SharePoint

710. Re: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

Yahoo group: V4Protocol
Date: 2011-01-07 00:06:36 UTC
From: John Herman
Topic: 707 Message: 710

I caught part of Mary had a little lamb sent on 3.583.00 but missed the callsign.

From: John Herman <kj4zfe@yahoo.com>
To: V4Protocol@yahoogroups.com
Sent: Thu, January 6, 2011 6:37:04 PM
Subject: Re: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

7.043.00 is busy right now, might move to 3.583.00 (which is also busy as well). We'll see.

From: John Herman <kj4zfe@...>
To: V4Protocol@yahoogroups.com
Sent: Thu, January 6, 2011 6:18:52 PM
Subject: Re: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

We can try for Monday of next week. I work Fri - Sun and have Monday off. Glad to try at 9 AM! Getting ready to fire up to see how it works tonight.

John

From: "aat3py@quiltsweets.com" <aat3py@...>
To: V4Protocol@yahoogroups.com
Sent: Thu, January 6, 2011 5:37:02 PM
Subject: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

John,

I have had many contacts on 7.073 MHz. I run an NVIS antenna from Warrenton, VA
and read the V4 list daily so I can sked with you anytime. Freq is great in the
morning. I can be there at 9 AM EST tomorrow, 1/7/11 if you want. 73 Larry K4LLQ

---
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http://link.mail2web.com/Business/SharePoint

711. Re: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

Yahoo group: V4Protocol
Date: 2011-01-07 00:45:59 UTC
From: Ed Woods WD9DVA
Topic: 707 Message: 711

Hi John I'm the guilty party. The CW was very solid. If ur around try 7073 tomorrow or Saturday. Send a time and I'll try to be there. 73 Ed WD9DVA Greenwood, IN
----- Original Message -----
From: John Herman
To: V4Protocol@yahoogroups.com
Sent: Friday, January 07, 2011 00:06
Subject: Re: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

I caught part of Mary had a little lamb sent on 3.583.00 but missed the callsign.

From: John Herman <kj4zfe@yahoo.com>
To: V4Protocol@yahoogroups.com
Sent: Thu, January 6, 2011 6:37:04 PM
Subject: Re: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

7.043.00 is busy right now, might move to 3.583.00 (which is also busy as well). We'll see.

From: John Herman <kj4zfe@...>
To: V4Protocol@yahoogroups.com
Sent: Thu, January 6, 2011 6:18:52 PM
Subject: Re: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

We can try for Monday of next week. I work Fri - Sun and have Monday off. Glad to try at 9 AM! Getting ready to fire up to see how it works tonight.

John

From: "aat3py@..." <aat3py@...>
To: V4Protocol@yahoogroups.com
Sent: Thu, January 6, 2011 5:37:02 PM
Subject: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

John,

I have had many contacts on 7.073 MHz. I run an NVIS antenna from
Warrenton, VA
and read the V4 list daily so I can sked with you anytime. Freq is great
in the
morning. I can be there at 9 AM EST tomorrow, 1/7/11 if you want. 73 Larry

K4LLQ

---

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712. Re: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

Yahoo group: V4Protocol
Date: 2011-01-07 01:07:11 UTC
From: John Herman
Topic: 707 Message: 712

Hey, at least I know I can receive! hi hi.

No joy for tomorrow or Saturday, busy couple of days here.

John

From: Ed Woods WD9DVA <wd9dva@...>
To: V4Protocol@yahoogroups.com
Sent: Thu, January 6, 2011 7:45:59 PM
Subject: Re: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001 UTC freq 14.073.00

□
Hi John I'm the guilty party. The CW was very solid. If ur around try 7073
tomorrow or Saturday. Send a time and I'll try to be there. 73 Ed WD9DVA
Greenwood, IN
----- Original Message -----
>From: John Herman
>To: V4Protocol@yahoogroups.com
>Sent: Friday, January 07, 2011 00:06
>Subject: Re: [V4Protocol] RE . Looking for a test session, 07 January 2011,
>0001 UTC freq 14.073.00
>
>
>I caught part of Mary had a little lamb sent on 3.583.00 but missed the
>callsign.
>
>
>
>
>
>
>

From: John Herman <kj4zfe@...>
>To: V4Protocol@yahoogroups.com
>Sent: Thu, January 6, 2011 6:37:04 PM
>Subject: Re: [V4Protocol] RE . Looking for a test session, 07 January 2011,
>0001 UTC freq 14.073.00
>
>
>7.043.00 is busy right now, might move to 3.583.00 (which is also busy as
>well). We'll see.

>
>
>
>
>
>

_____

From: John Herman <kj4zfe@...>
>To: V4Protocol@yahoogroups.com
>Sent: Thu, January 6, 2011 6:18:52 PM
>Subject: Re: [V4Protocol] RE . Looking for a test session, 07 January 2011,
>0001 UTC freq 14.073.00
>
>
>We can try for Monday of next week. I work Fri - Sun and have Monday
>off. Glad to try at 9 AM! Getting ready to fire up to see how it works
>tonight.
>
>John
>
>
>
>
>
>
>

_____

From: "aat3py@..." <aat3py@...m>
>To: V4Protocol@yahoogroups.com
>Sent: Thu, January 6, 2011 5:37:02 PM
>Subject: [V4Protocol] RE . Looking for a test session, 07 January 2011, 0001
>UTC freq 14.073.00
>
>
>John,
>
>I have had many contacts on 7.073 MHz. I run an NVIS antenna from
>Warrenton, VA
>and read the V4 list daily so I can sked with you anytime. Freq is great
>in the
>morning. I can be there at 9 AM EST tomorrow, 1/7/11 if you want. 73
Larry
>K4LLQ
>
>---
>mail2web.com – What can On Demand Business Solutions do for you?
>http://link.mail2web.com/Business/SharePoint
>
>
>

>
>

713. Receiving V4

Yahoo group: V4Protocol
Date: 2011-01-07 12:32:09 UTC
From: slotman2000
Topic: 713 Message: 713

Hello all. I wonder if any one else has the same problem when receiving V4. The "Channel busy" is showing a lot of the time even when receiving a reasonable V4 signal. in this state the TNC ignors the V4 signal. When it does reconize the V4 then it shows busy V4 which is correct.I have the audio level set so that receiver noise is in the blue and with a signal it is just in the green. 73 Don G3VCG

714. Re: [V4Protocol] Receiving V4

Yahoo group: V4Protocol
Date: 2011-01-07 12:57:24 UTC
From: Rick Muething
Topic: 713 Message: 714

Don,

The best level for the audio is to be mid range or well into the green.
You can adjust the sensitivity of the busy detector using the squelch control as described in the help. 10 is least sensitive.

Rick KN6KB

From: slotman2000
Sent: Friday, January 07, 2011 7:32 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Receiving V4

Hello all. I wonder if any one else has the same problem when receiving V4. The "Channel busy" is showing a lot of the time even when receiving a reasonable V4 signal. in this state the TNC ignors the V4 signal. When it does reconize the V4 then it shows busy V4 which is correct.I have the audio level set so that receiver noise is in the blue and with a signal it is just in the green. 73 Don G3VCG

715. Re: [V4Protocol] Receiving V4

Yahoo group: V4Protocol
Date: 2011-01-07 12:57:51 UTC
From: John Hirth
Topic: 713 Message: 715

Don,

I've often experienced the same situation. What sounds like a reasonable V4 signal but nothing at all decoded and Channel Busy indicating. Then, after the missed frame (or two), the next V4 frame will be decoded with quite a high score. Yet at some other times I've seen successful decoding with scores far lower (even after Rick recently changed the scoring).

I run my receive level about 2/3 to 3/4 up into the green. I've tried adjusting the Busy/Squelch threshold, but haven't been able to see a difference with these missing frames being decoded.

Admittedly, this is not in any way rigorous testing. Running 0170, of course.

73, John W2KI

716. Re:Receiving V4

Yahoo group: V4Protocol
Date: 2011-01-07 16:32:13 UTC
From: slotman2000
Topic: 713 Message: 716

Thanks replies chaps. I will try the audio level higher into the green.
Here is another thing I notice on a dead channel, just Rx noise.
Busy V4 comes up and prints garbage:-
2011/01/07 16:21:36 {Info} *** V4 TNC TCP OK on port 8510
2011/01/07 16:21:46 {Rcv Txt Err} 6RweN "$ W
bM
2011/01/07 16:22:11 {Sent}
CQ CQ CQ DE G3VCG Don in Chelmsford. 40Kms NE from London. Loc JO01fs
2011/01/07 16:22:31 {Rcv Txt Err}] 8?RR7$=">--
2011/01/07 16:23:19 {Rcv Txt Err} {~&-Zjh(`WiM't6
2011/01/07 16:23:58 {Rcv Txt Err}]q; : 4|vzam
2011/01/07 16:24:02 {Rcv Txt Err} Z %T.g(Q z
2011/01/07 16:24:07 {Rcv Txt Err} JB|,U
@6*>4
2011/01/07 16:26:27 {Rcv Txt Err} /\/J
KC+dr49
73 Don G3VCG

717. Re: [V4Protocol] Character set. UTF-8 Spinnoff to RMS Express?

Yahoo group: V4Protocol
Date: 2011-01-07 16:49:54 UTC
From: Rick Muething
Topic: 700 Message: 717

Finn,

RMS Express/WINMOR transmits compressed pure binary data (8 bit bytes). The encoding of that could be anything. It is also possible to attach a binary attachment that employs any desired encoding. It is possible to add support for multiple character sets to RMS Express but it is a significant effort. The easiest solution would probably be to use Paclink which supports a 3rd party mail client. Then any character set supported by that mail client could probably be used.

In software it is not normally a question of “can it be done?” but usually “Do we have the skills, resources and time to do the work and does it benefit the general population?” For an all volunteer and very small programming staff providing free software and supporting it the answer to the later question is often NO. A large part of the ham community still do not value software even when modern software now does many of the functions of conventional hardware (e.g. TNCs etc). Just because the software can be copied on a 10 cent CD does not mean it is free to design, debug, deploy, document and support.

I have specifically designed V4 as a text only mode which eventually will be able to support UTF-8 character sets. The idea being able to support more complex and multi language character sets. While the hooks are there and in the spec there is still a lot of programming and documentation necessary to make it available to users. That translates to skills needed and hard work work expended. I would very much like to get some help on this but that has to come from someone with .NET programming skills and a thorough understanding of how the UTF-8 character sets work and are applied.

Rick, KN6KB

From: la7um
Sent: Tuesday, January 04, 2011 3:26 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Character set. UTF-8 Spinnoff to RMS Express?

Hi Rick. I like what I am only reading so far. I wonder as a spinnoff decoding UTF-8 in V4 also might be implemented in RMS Express as an option? 73 de la7um Finn

718. Re: Character set. UTF-8 Spinnoff to RMS Express?

Yahoo group: V4Protocol
Date: 2011-01-07 18:12:14 UTC
From: la7um
Topic: 700 Message: 718

Rick. Copied, and even maybe partly understood. Just a wish, as just informed that in whole EU some recommendations seems heading to UTF-8.

I see your "problem", time, even unpaid!, and lack of skill in the "user" community to give usable assistance.

And off course then the rest of the world....with other character sets.

I just got the idea since you yourself did mention UTF-8 as a maybe future part of V4. And I at the same time checked the RMS Express garbled readout when forwarding e-mails to my self from G-mail enabling sending using UTF-8 instead of their socalled "Normal Character set" into my winlink account doing download using RMS Express WINMOR.

Thinking "spinnof", similarties, modules, or whatever from V4 into RMS Express in due time.

It is ok the reverse direction, from Winlink to G-mail.

Winmor not supported by Paclink as pr now? And no P2P and same level of simplicity.

Luckily G-mail at the time beeing do default to "Normal", but for how long?

73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Finn,
>
> RMS Express/WINMOR transmits compressed pure binary data (8 bit bytes). The encoding of that could be anything. It is also possible to attach a binary attachment that employs any desired encoding. It is possible to add support for multiple character sets to RMS Express but it is a significant effort. The easiest solution would probably be to use Paclink which supports a 3rd party mail client. Then any character set supported by that mail client could probably be used.
>
> In software it is not normally a question of â□□can it be done?â□□ but usually â□□Do we have the skills, resources and time to do the work and does it benefit the general population?â□□ For an all volunteer and very small programming staff providing free software and supporting it the answer to the later question is often NO. A large part of the ham community still do not value software even when modern software now does many of the functions of conventional hardware (e.g. TNCs etc). Just because the software can be copied on a 10 cent CD does not mean it is free to design, debug, deploy, document and support.
>
> I have specifically designed V4 as a text only mode which eventually will be able to support UTF-8 character sets. The idea being able to support more complex and multi language character sets. While the hooks are there and in the spec there is still a lot of programming and documentation necessary to make it available to users. That translates to skills needed and hard work work expended. I would very much like to get some help on this but that has to come from someone with .NET programming skills and a thorough understanding of how the UTF-8 character sets work and are applied.
>

> Rick, KN6KB
>
> From: la7um
> Sent: Tuesday, January 04, 2011 3:26 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Character set. UTF-8 Spinnoff to RMS Express?
>
>
> Hi Rick. I like what I am only reading so far. I wonder as a spinnoff decoding UTF-8 in V4 also might be implemented in RMS Express as an option? 73 de la7um Finn
>

719. Adjustable or alternative center freq for CUBE and JUMA?

Yahoo group: V4Protocol
Date: 2011-01-08 06:42:18 UTC
From: Juhani
Topic: 719 Message: 719

JUMA TRX2A and SDR-CUBE transceivers have Audio filtering -no conventional RF IF ... low corner is fixed to 200Hz /CUBE and 300 Hz of JUMA and only upper corner is adjustable. I and many others want that in future V4 have ajustable or or alternative of fixed center frequency to optimize filtering performance of these type of transceivers. Also special version of SW is vy welcome! 73 Yussi OH7TE

720. Re: [V4Protocol] Adjustable or alternative center freq for CUBE and JUMA?

Yahoo group: V4Protocol
Date: 2011-01-08 13:03:06 UTC
From: Rick Muething
Topic: 719 Message: 720

Yusssi,

There is no advantage in audio filtering prior to the V4 demodulator. The V4 demodulator DSP does specific filtering down to the narrow 200 Hz bandwidth of the V4 mode. It uses frequency bins of approx 46Hz wide to detect the 4 FSK tones.

The only advantage of pre filtering is if it is done BEFORE the receiver AGC is to eliminate AGC capture by a stronger adjacent signal. Post AGC audio filtering has no benefit in most cases.

It would be possible to allow some adjustment of the V4 center frequency (currently 1523 Hz) but this has a large impact to the code and more important will cause a lot of confusion since every connection must then be computed and described to RF center frequency instead of USB dial frequency. E.g. If you and I would have different V4 center audio frequencies we would have to know what those audio center frequencies are before we could set the radio dial so we could initiate a connect (FEC or ARQ) on the same RF frequency. The built in automatic tuning capability of V4 (user selectable 20 to 200 Hz) is only to accommodate radio calibration errors and drift.

Standardization on audio frequencies has been proven (in Pactor 1, 2, 3 and WINMOR) to be a benefit and substantially reduces the confusion of Radio Dial and RF Center frequencies.

Rick KN6KB

From: Juhani
Sent: Saturday, January 08, 2011 1:42 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Adjustable or alternative center freq for CUBE and JUMA?

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721. Re: [V4Protocol] Adjustable or alternative center freq for CUBE and JUMA?

Yahoo group: V4Protocol
Date: 2011-01-08 19:47:00 UTC
From: David Bastress
Topic: 719 Message: 721

GA Rick,

Your comments on 'varible audio frequency' digital modes are interesting considering that most keyboard to keyboard digital modes can be used with varible audio frequencies and are not on fixed ones like Winmor or V4. Typically the only modes that are "fixed" involve a wide audio bandwidth and therefore are fixed at one audio center frequency to insure that the total signal will pass through the TX sideband filters unattenuated. The rest are tunable. Even wide modes like Olivia at 500 Hz and 1KHz. wide are tunable. Some implementations of MT-63 are fixed and some are not depending on the program. If one chooses to use MT-63 at the 2 KHz width it is pretty much stuck at a fixed frequency just to get it inside the sideband filters. Many KB to KB operators just set there radio dial to one common frequency and just 'tune' by selecting the audio frequency to be decoded and encoded. This also facillates the use of 'browsers' for modes like psk, rtty or cw where the program (browser)locks on and decodes multiple signals at the same time and displays them. If the decoders and encoders were all stuck to a single audio frequency then browsers would not be possible.

The other issue is being able to make use of the rigs narrower filters or sweet spots to help with heavy adjacent channel QRM. In my case, I have several filter combinations available in my rig but none of them are or can be centered around 1500 Hz. The "CW" filter can be centered anywhere between 400 Hz and 1000 Hz and can be made anywhere from 50 Hz to 1 KHz wide. The "FSK" filter has two centers, one around 1275 Hz and the other 2275 Hz(I think) and can be either 500 Hz or 1KHz wide. The "SSB" filtering bottom (hpf function) stops at a high of 1000 Hz and the top (lpf function) stops at 1400 Hz. The lpf can be set at 1.6KHz or 1.8 Khz which will clean up the QRM above us but as close as I can get to the bottom end with the hpf is 1000 Hz. I don't know of any rigs where their narrow filtering is centered around 1500 Hz. but there may be.

I understand why Winmor is centered on 1500 Hz. but V4's bandwidth doesn't dictate that it has to be centered around 1500 Hz. It is narrower than many of the other kb to kb modes.

FWIW.

Dave K3GAU

>>> "Rick Muething" 01/08/11 8:03 AM >>>

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Sent: Saturday, January 08, 2011 1:42 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Adjustable or alternative center freq for CUBE and JUMA?

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special version of SW is vy welcome! 73 Yussi OH7TE

722. V4 Causing Switch to Tx Mode

Yahoo group: V4Protocol
Date: 2011-01-09 04:55:20 UTC
From: jazzfanrq
Topic: 722 Message: 722

Greetings: I am a "newcomer" to the V4 application. Tonight (1/7) I joined the "V4 Group" here on Yahoo and downloaded Version 1.7.0 of this application. However, during Setup I've selected Com Port 1 (.the only one shown) and it immediately places my rig (i.e, ICOM 745) into the Tx Mode and won't release this mode until I shut down the application. Has anyone experienced this problem? Your assistance is very much appreciated.

73,
George Murphy, K3RQ
Milford, NH

723. Re: [V4Protocol] Adjustable or alternative center freq for CUBE and JUMA?

Yahoo group: V4Protocol
Date: 2011-01-09 10:57:12 UTC
From: Yussuf
Topic: 719 Message: 723

Good Comment Dave,

I use Multipsk program with e.g ALE400 ARQ FAE mode (narrow BW) and this adjustable center feezer of Multpsk is very usefull with narrow fitering 300 to about 700 Hz by JUMA TRX2A

73 "Yussi" OH7TE

2011/1/8 David Bastress <bastress@...>

>
>
> GA Rick,
>
> Your comments on 'varible audio frequency' digital modes are interesting
> considering that most keyboard to keyboard digital modes can be used with
> varible audio frequencies and are not on fixed ones like Winmor or V4.
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> between 400 Hz and 1000 Hz and can be made anywhere from 50 Hz to 1 KHz
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> FWIW.
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> >>> "Rick Muething" 01/08/11 8:03 AM >>>
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> Rick KN6KB
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> *From:* Juhani <yufenau@gmail.com>
> *Sent:* Saturday, January 08, 2011 1:42 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] Adjustable or alternative center freq for CUBE and
> JUMA?
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73's OH7TE Yufenau

724. Re: [V4Protocol] Adjustable or alternative center freq for CUBE and JUMA?

Yahoo group: V4Protocol
Date: 2011-01-09 11:07:38 UTC
From: Yussuf
Topic: 719 Message: 724

Focusing:
Audio filtering is _inside_ of excotic JUMA tranceiver concept, and AGC
too. RF is "mixed" direct to baseband (=audio) by multiplexer!

73 Yussi OH7TE

2011/1/9 Yussuf <yufenau@...>

> Good Comment Dave,
>
> I use Multipsk program with e.g ALE400 ARQ FAE mode (narrow BW) and this
> adjustable center feezer of Multpsk is very usefull with narrow fitering 300
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> 73 "Yussi" OH7TE
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> 2011/1/8 David Bastress <bastress@...>
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>>
>> Rick KN6KB
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>> *From:* Juhani <yufenau@...m>
>> *Sent:* Saturday, January 08, 2011 1:42 AM
>> *To:* V4Protocol@yahoogroups.com
>> *Subject:* [V4Protocol] Adjustable or alternative center freq for CUBE
>> and JUMA?
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725. Re: [V4Protocol] Adjustable or alternative center freq for CUBE and JUMA?

Yahoo group: V4Protocol
Date: 2011-01-09 14:43:58 UTC
From: John Hirth
Topic: 719 Message: 725

Rick's comments about standardized center frequencies, USB dial offsets, etc., make perfect sense if you're talking about connecting to a fixed, always there, station on a specific published frequency, as is the case with Winlink stations and so on. You have to know exactly where the automated station is listening or you simply have no chance of connecting.

But keyboard to keyboard digital modes have been very successful without this limitation. Typically you have one station who calls CQ and is "found" by others listening and looking at their waterfall display. Most successful programs today have the flexibility to simply click on the signal you're hearing (seeing) and automatically adjust their transmit audio frequency(s) to suit. Allowing you to specify your own tones to be within your "pre-filters", however narrow, is another advantage, in my opinion.

If you want to pre-arrange a QSO, we've all learned since the start of sound card modes years ago, to state the meeting place in terms of dial frequency and offset, for example 14,073 USB (1000 Hz tone). In any case, if you're a bit off, it's a lot easier to simply click on nearby signals to see which is the one you want, rather than having fixed tones and tuning the radio dial, which is much slower (proven by me in many years of RTTY contests). Most modern client programs also allow you to see the previous "n" seconds of signal, too, by re-decoding an audio buffer, so clicking on one or two candidates to find the one you want (if necessary) is not an obstacle.

So here's another vote for flexible transmit frequencies.

73, John W2KI

726. Re: [V4Protocol] Adjustable or alternative center freq for CUBE and JUMA?

Yahoo group: V4Protocol
Date: 2011-01-09 16:31:28 UTC
From: Yussuf
Topic: 719 Message: 726

One point more:
With JUMA I can calculate memorry channel frequency offset e.g. for 800 Hz
center QRG, and so I'm just for example on 14.073 for other stations using
standart center frequence.
I use this method by Multipsk program and working ufb!

73 de OH7TE "Yussi"

2011/1/9 John Hirth <w2ki@amsat.org>

>
>
> Rick's comments about standardized center frequencies, USB dial offsets,
> etc., make perfect sense if you're talking about connecting to a fixed,
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727. Re: [V4Protocol] Adjustable or alternative center freq for CUBE and JUMA?

Yahoo group: V4Protocol
Date: 2011-01-10 23:24:15 UTC
From: Rick Muething
Topic: 719 Message: 727

Dave,

As I said on my original post. It is POSSIBLE to make the range variable. I have not evaluated that code but since I am using Goertzell filters instead of FFTs for tone detection it should work. (Goertzell tone detectors can be put exactly on any frequency not requiring the frequency “binning” in the FFT). In some cases (your example of the narrow CW filter) this may improve reception by filtering out nearby adjacent stronger signals before they could capture the AGC. If the nearby signal is NOT stronger the CW prefilter will have no affect. The filter in the V4 detector is only approx 200 Hz wide.

But I still stand by my experience over many years with the variable tones available in Pactor and the continual confusion it promotes with Dial vs Center RF frequency. Making the tones variable (in any mode) and or sideband reversal insures this level of confusion though it can usually be understood once explained.

But the more important issue is one of FOCUS. Please remember this protocol is about a month into ALPHS testing and I have several things I am also working on. Tasks like improving sensitivity, leader detection and tuning and getting the ARQ mode to work are FAR more important than adding another entry to the setup and updating all the code to allow variable tones. This of course all has to be documented, explained, etc and none of that will improve the sensitivity or ARQ functionality.

Good software like fine wine takes time and attention to detail. More software dies of indigestion than starvation. I want to focus on the things that are most important and leave functional “frills” (display and GUI tweaks, variable tones, reversible sidebands etc) to later after we have a solid and proven base from which to build.

Rick Muething KN6KB

From: David Bastress
Sent: Saturday, January 08, 2011 2:47 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Adjustable or alternative center freq for CUBE and JUMA?

GA Rick,

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728. Re: [V4Protocol] Adjustable or alternative center freq for CUBE and JUMA?

Yahoo group: V4Protocol
Date: 2011-01-11 00:44:08 UTC
From: David Bastress
Topic: 719 Message: 728

GE Rick,

Your original comments seemed to say fixed frequency was better than varible frequency. I was mearly pointing out that many other digital modes quite successfully use varible audio frequencies and that one of the drawbacks of a fixed frequency is that in many cases it doesn't allow an operator the chance or option to use what resources he has available in his rig to help dig the desired signal out of what happens to be around it. I listed what resources I had available in my rig to point out that, even though I had all those various filter combinations available, none of them coinsides very well with a signal that happens to be centered on or near 1500 Hz.

I do agree with one of the other comments that said that for modes like Winlink and Winmor where the most likely contacted stations (RMSs) are 'fixed' frequency, fixed audio frequencies make sense but for kp to kp modes no so much.

Whether or not you decide to make V4 varible frequency and when you choose to do it is up to you. I am just letting you know that, if you are interested in what the potential users would like for V4, chaulk up one vote for varible frequency. That is all. :-)

Dave K3GAU

>>> "Rick Muething" 01/10/11 6:24 PM >>>
Dave,

As I said on my original post. It is POSSIBLE to make the range variable. I have not evaluated that code but since I am using Goertzell filters instead of FFTs for tone detection it should work. (Goertzell tone detectors can be put exactly on any frequency not requiring the frequency “binning” in the FFT). In some cases (your example of the narrow CW filter) this may improve reception by filtering out nearby adjacent stronger signals before they could capture the AGC. If the nearby signal is NOT stronger the CW prefilter will have no affect. The filter in the V4 detector is only approx 200 Hz wide.

But I still stand by my experience over many years with the variable tones available in Pactor and the continual confusion it promotes with Dial vs Center RF frequency. Making the tones variable (in any mode) and or sideband reversal insures this level of confusion though it can usually be understood once explained.

But the more important issue is one of FOCUS. Please remember this protocol is about a month into ALPHS testing and I have several things I am also working on. Tasks like improving sensitivity, leader detection

and tuning and getting the ARQ mode to work are FAR more important than adding another entry to the setup and updating all the code to allow variable tones. This of course all has to be documented, explained, etc and none of that will improve the sensitivity or ARQ functionality.

Good software like fine wine takes time and attention to detail. More software dies of indigestion than starvation. I want to focus on the things that are most important and leave functional “frills” (display and GUI tweaks, variable tones, reversible sidebands etc) to later after we have a solid and proven base from which to build.

Rick Muething KN6KB

From: David Bastress
Sent: Saturday, January 08, 2011 2:47 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Adjustable or alternative center freq for CUBE and JUMA?

GA Rick,

Your comments on 'varible audio frequency' digital modes are interesting considering that most keyboard to keyboard digital modes can be used with varible audio frequencies and are not on fixed ones like Winmor or V4. Typically the only modes that are "fixed" involve a wide audio bandwidth and therefore are fixed at one audio center frequency to insure that the total signal will pass through the TX sideband filters unattenuated. The rest are tunable. Even wide modes like Olivia at 500 Hz and 1KHz. wide are tunable. Some implementations of MT-63 are fixed and some are not depending on the program. If one chooses to use MT-63 at the 2 KHz width it is pretty much stuck at a fixed frequency just to get it inside the sideband filters. Many KB to KB operators just set there radio dial to one the audio frequency to be decoded and encoded. This also facillates the
use of 'browsers' for modes like psk, rtty or cw where the program (browser)locks on and decodes multiple signals at the same time and displays them. If the decoders and encoders were all stuck to a single audio frequency then browsers would not be possible.

The other issue is being able to make use of the rigs narrower filters or sweet spots to help with heavy adjacent channel QRM. In my case, I have several filter combinations available in my rig but none of them are or can be centered around 1500 Hz. The "CW" filter can be centered anywhere between 400 Hz and 1000 Hz and can be made anywhere from 50 Hz to 1 KHz wide. The "FSK" filter has two centers, one around 1275 Hz and the other 2275 Hz(I think) and can be either 500 Hz or 1KHz wide. The "SSB" filtering bottom (hpf function) stops at a high of 1000 Hz and the top (lpf function) stops at 1400 Hz. The lpf can be set at 1.6KHz or 1.8 Khz which will clean up the QRM above us but as close as I can get to the bottom end with the hpf is 1000 Hz. I don't know of any rigs where their narrow filtering is centered around 1500 Hz. but there may be.

I understand why Winmor is centered on 1500 Hz. but V4's bandwidth doesn't dictate that it has to be centered around 1500 Hz. It is narrower than many of the other kb to kb modes.

FWIW.

Dave K3GAU

>>> "Rick Muething" 01/08/11 8:03 AM >>>
Yusssi,

There is no advantage in audio filtering prior to the V4 demodulator. The V4 demodulator DSP does specific filtering down to the narrow 200 Hz bandwidth of the V4 mode. It uses frequency bins of approx 46Hz wide to detect the 4 FSK tones.

The only advantage of pre filtering is if it is done BEFORE the receiver AGC is to eliminate AGC capture by a stronger adjacent signal. Post AGC audio filtering has no benefit in most cases.

It would be possible to allow some adjustment of the V4 center frequency (currently 1523 Hz) but this has a large impact to the code and more important will cause a lot of confusion since every connection must then be computed and described to RF center frequency instead of USB dial frequency. E.g. If you and I would have different V4 center audio frequencies we would have to know what those audio center frequencies are before we could set the radio dial so we could initiate a connect (FEC or ARQ) on the same RF frequency. The built in automatic tuning capability of V4 (user selectable 20 to 200 Hz) is only to accommodate radio calibration errors and drift.

Standardization on audio frequencies has been proven (in Pactor 1, 2, 3 and WINMOR) to be a benefit and substantially reduces the confusion of Radio Dial and RF Center frequencies.

Rick KN6KB

From: Juhani
Sent: Saturday, January 08, 2011 1:42 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Adjustable or alternative center freq for CUBE and JUMA?

JUMA TRX2A and SDR-CUBE transceivers have Audio filtering -no conventional RF IF ... low corner is fixed to 200Hz /CUBE and 300 Hz of JUMA and only upper corner is adjustable. I and many others want that in future V4 have ajustable or or alternative of fixed center frequency to optimize filtering performance of these type of transceivers. Also special version of SW is vy welcome! 73 Yussi OH7TE

729. Re: Adjustable or alternative center freq for CUBE and JUMA?

Yahoo group: V4Protocol
Date: 2011-01-11 01:52:21 UTC
From: la7um
Topic: 719 Message: 729

I second David, but also partly Rick, in the way: Do the protocol important issues FIRST, but THEN in the END this choice of tones is VERY IMPORTANT for getting the most out of MANY OLDER RIGS!

Why is it called SOFT WARE, compared to HARD WARE. Yes because it can be "twisted" the way the programmer want to do.
And if the programmer want to SELL IT TO THE CUSTOMERS, it is the customers (or clients who are the judges).

But Rick is right, what if the price is 0 ? Then the programmer has to be out of his mind doing something else than what is FUN PROTOCOL development. And I don't think he is quit out of his mind.

This isn't easy, and also because I know of an uncounted number of times trying to explain for fellow hams, how to tune and or invert an old AMTOR or RTTY signal, ON BEFOREHAND for a SCEDULE.

This suddenly became easy with Pactor 3 and Winmor. No discussion.
Period.

Good Luck.
73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "David Bastress" <bastress@...> wrote:
>
> GE Rick,
>
> Your original comments seemed to say fixed frequency was better than
> varible frequency. I was mearly pointing out that many other digital
> modes quite successfully use varible audio frequencies and that one of
> the drawbacks of a fixed frequency is that in many cases it doesn't
> allow an operator the chance or option to use what resources he has
> available in his rig to help dig the desired signal out of what happens
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> tone detectors can be put exactly on any frequency not requiring the
> frequency â□□binningâ□□ in the FFT). In some cases (your example of the
> narrow CW filter) this may improve reception by filtering out nearby
> adjacent stronger signals before they could capture the AGC. If the
> nearby signal is NOT stronger the CW prefilter will have no affect. The
> filter in the V4 detector is only approx 200 Hz wide.
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> tones available in Pactor and the continual confusion it promotes with
> Dial vs Center RF frequency. Making the tones variable (in any mode) and
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> usually be understood once explained.
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> Rick Muething KN6KB
>
>
>
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> From: David Bastress
> Sent: Saturday, January 08, 2011 2:47 PM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Adjustable or alternative center freq for CUBE
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>

>
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> Khz which will clean up the QRM above us but as close as I can get to
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> Dave K3GAU
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> optimize filtering performance of these type of transceivers. Also
> special version of SW is vy welcome! 73 Yussi OH7TE
>

730. AW: [V4Protocol] Adjustable or alternative center freq for CUBE and JUMA?

Yahoo group: V4Protocol
Date: 2011-01-11 12:11:25 UTC
From: Siegfried Jackstien
Topic: 719 Message: 730

I would also count for variable (setable by user) frequency
Should be possible for the user to store that setting and it should be (re)set after startup ...
You can then store the qrg like you prefer it ... say you work with channel centered to 2000hz ... now you can use the passband tuning or if shift or whatever you have in your rig to use just the upper part of the audio passband ....(maybe use rtty filter for receive and use split for transmitting in ssb)
Or you can set qrg (dial setting) that your audio (digital) channel is centered around 1000 and set pass band or if shift to lower side and use only the low tones
I would prefer the high tones as harmonics would fall out of the passband (lower risk of "fence" like signal)
Just my 2 cents (and one vote for adjustable by user)
Greetz
Sigi
Dg9bfc

731. Been Lurking

Yahoo group: V4Protocol
Date: 2011-01-11 12:58:33 UTC
From: Ernest
Topic: 731 Message: 731

Hello Group,

I've been lurking in the shadows for a while now as the reissues of the V4 have been updated. I waited for this to calm down before I installed V4 on my computer.

That done, I got it working and it tranmits ok, Now for some qso's.

I monitored 073 on 40 meters this morining but didn't see any signals so I called a couple of times but got no replies.

Changing bands for me is quite a chore because it requries changeing the configuration of the Buddipole on the porch of my condo. This takes a while to do so I can't just hit a switch to change bands.

I'm on 40 until I change it to some other band.

Can y'all help me get a qso going here?

Where d'y'all hand out?

de AA1IK

Ernest Gregoire

Geezer on the porch

732. Re: [V4Protocol] Adjustable or alternative center freq for CUBE and JUMA?

Yahoo group: V4Protocol
Date: 2011-01-11 13:13:32 UTC
From: John Hirth
Topic: 719 Message: 732

Rick,

I agree 100% with your focus at this point of getting the V4 TNC to work as well as it possibly can, and the same with the ARQ protocol. I well understand that "feature bloat" has doomed many good intentions. My comment on frequency agility was made only in comparison with ease of operating with other current keyboard to keyboard modes and existing software, and to simply register a vote.

At this early stage, since there is no other developers are yet incorporating V4 into their user interface "wrappers" (of course it's too early to do so), we are all very happy to enjoy the fruits of your labor on the modem and protocol layers. When V4 eventually gets incorporated into the current well knows user programs we will all benefit.

Also, if we keep taking up your time with notes such as these, it will mean less time for you to work on the REAL task.

Thanks for all your major effort.

73, John W2KI

733. Re: [V4Protocol] Been Lurking

Yahoo group: V4Protocol
Date: 2011-01-11 13:13:40 UTC
From: Ed Woods WD9DVA
Topic: 731 Message: 733

WHATS THIS Y'ALL STUFF? I'M THERE OFF AND ON FROM ABT 1000EST UNTIL MAYBE 1400ESD. 7073 USB. 73 ED WD9DVA. TODAY HAVE DOC'S APPT SO LOOK FOR ME TOMORROW (WED). 73 Y'ALL, ED WD9DVA

----- Original Message -----
From: Ernest
To: V4Protocol@yahoogroups.com
Sent: Tuesday, January 11, 2011 12:58
Subject: [V4Protocol] Been Lurking

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I've been lurking in the shadows for a while now as the reissues of the V4 have been updated. I waited for this to calm down before I installed V4 on my computer.

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Where d'y'all hand out?

de AA1IK

Ernest Gregoire

Geezer on the porch

734. What indications should I get when transmitting?

Yahoo group: V4Protocol
Date: 2011-01-11 13:40:56 UTC
From: kj4zfe
Topic: 734 Message: 734

I observed a QSO on 7.073.00 this morning between AA1IK and W3FDK. I tried sending a message and on the TNC screen, the waterfall changes but I didn't see any indication on the constellation. Should I see something? Trying to figure out if I have more adjustments to make. Obviously receiving fine.

Thanks,

KJ4ZFE
John

735. Re: [V4Protocol] Been Lurking

Yahoo group: V4Protocol
Date: 2011-01-11 13:41:11 UTC
From: Rolan O. Clark
Topic: 731 Message: 735

Ernest Geezer HI HI,

de w3fdk , nice working you and glad to be ur first contact. I have to get used to it acting like packet sending a line at a time. I like the mode and its fun to experiment with .

My noise was s3 and you were s3-s4 with a 250 Hz filter and mosty 100% copy. It seemed about as good as Olivia 8/500 but much better for kb to kb, not the delays,

GL and hope to catch you agn , thanks for posting on the internet , as soon as I read it I tried calling cq and glad to have a contact with you.

73 de rolan , w3fdk

From: Ernest
Sent: Tuesday, January 11, 2011 7:58 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Been Lurking

Hello Group,

I've been lurking in the shadows for a while now as the reissues of the V4 have been updated. I waited for this to calm down before I installed V4 on my computer.

That done, I got it working and it tranmits ok, Now for some qso's.

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Can y'all help me get a qso going here?

Where d'y'all hand out?

de AA1IK

Ernest Gregoire

Geezer on the porch

736. Re: Been Lurking

Yahoo group: V4Protocol
Date: 2011-01-11 16:17:37 UTC
From: Ernest
Topic: 731 Message: 736

--- In V4Protocol@yahoogroups.com, "Rolan O. Clark" <rolan.clark@...> wrote:
>
> Ernest Geezer HI HI,
>
> de w3fdk , nice working you and glad to be ur first contact. I have to get used to it acting like packet sending a line at a time. I like the mode and its fun to experiment with .
>
> My noise was s3 and you were s3-s4 with a 250 Hz filter and mosty 100% copy. It seemed about as good as Olivia 8/500 but much better for kb to kb, not the delays,
>
> GL and hope to catch you agn , thanks for posting on the internet , as soon as I read it I tried calling cq and glad to have a contact with you.
>
> 73 de rolan , w3fdk

Hello Rolan and the group,

Making the first contact using a new mode can be like pulling teeth but this one went pretty smooth, Tnx Rolan

I'll be lurking on .073 eagerly awaiting better band condx.

I called a few more times later on this morning, and didn't get any bites. I'll leave the radio on this frequency and look for activity tonight.

A fully featured interface would be nice but this will do for starters. I'd like to see F key controled macros for easy sending and infor exchange. Maybe later?

Now that I have the V4 software installed and working, I'll pay more attention to this group and look for you all to post times and frequencies for your activity.

> de AA1IK
>
> Ernest Gregoire
>
> Geezer on the porch
>

737. Hearing AA1IK

Yahoo group: V4Protocol
Date: 2011-01-11 16:21:52 UTC
From: David Bastress
Topic: 737 Message: 737

GM AA1IK,

Just a note to let you have a nice signal in Alpharetta, GA. I am listening to you on the WB4MAK webSDR. Unfortunately I am no where near a TX and am located in west central Ohio.

Aren't computers, webSDRs and the internet wonderful? Well, sometimes, maybe. :-)

Dave K3GAU

738. E-QSL

Yahoo group: V4Protocol
Date: 2011-01-11 16:36:51 UTC
From: Ernest
Topic: 738 Message: 738

Hello Group,

Has anyone contacted E-qsl to add V4 to their mode selection?

I went there to post my first QSO in this mode but there is no V4 mode designated.

De AA1IK

Ernest Gregoire

Geezer on the porch

739. Re: Hearing AA1IK

Yahoo group: V4Protocol
Date: 2011-01-11 16:38:48 UTC
From: Ernest
Topic: 737 Message: 739

--- In V4Protocol@yahoogroups.com, "David Bastress" <bastress@...> wrote:
>
> GM AA1IK,
>
> Just a note to let you have a nice signal in Alpharetta, GA. I am listening to you on the WB4MAK webSDR. Unfortunately I am no where near a TX and am located in west central Ohio.
>
> Aren't computers, webSDRs and the internet wonderful? Well, sometimes, maybe. :-)
>
> Dave K3GAU
>

Tnx Dave,

I'm using 15 watts out put to a Buddipole antenna mounted on the porch of my condo,

Hope to work you soon,

73 de AA1IK

Ernest Gregoire

Geezer on the porch

740. Hearing AA1IK

Yahoo group: V4Protocol
Date: 2011-01-11 20:15:30 UTC
From: kj4zfe
Topic: 737 Message: 740

I'm on 7.073.00, its 2015UTC, I'm getting your messages, not hearing me.

741. Re: [V4Protocol] Hearing AA1IK

Yahoo group: V4Protocol
Date: 2011-01-11 21:11:15 UTC
From: Ed Woods WD9DVA
Topic: 737 Message: 741

We got part of msg from AA1K abt that time here. Really all we read was his call sign. Didn't generate a score. Went back a few times. Tthen QRT. 73 Ed WD9DVA
----- Original Message -----
From: kj4zfe
To: V4Protocol@yahoogroups.com
Sent: Tuesday, January 11, 2011 20:15
Subject: [V4Protocol] Hearing AA1IK

I'm on 7.073.00, its 2015UTC, I'm getting your messages, not hearing me.

742. "Heard" abt 15 min ago. "CQ DE AA1CZ AA1C..."

Yahoo group: V4Protocol
Date: 2011-01-12 16:13:18 UTC
From: Juhani
Topic: 742 Message: 742

Antenna here is OFCD only, 73 "Yussi" OH7TE

743. Re: TX/RX turnaround

Yahoo group: V4Protocol
Date: 2011-01-12 23:36:33 UTC
From: kb3cs
Topic: 501 Message: 743

more information from version 0.1.7.0: the end-of-audio to end-of-TX delay is now consistent with full-duplex _disabled_.

the delay duration is on the order of half a second, instead of varying from half a second to a little over a second.

- chris KB3CS
> --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> >
> > Chris,
> >
> > That should not be...The PTT should release almost immediately (about 20-50 ms) after the end of the TX audio. (Note : those using sound card VOX need to have their DLY set to minimum...but this doesnâ□□t appear to be Chrisâ□□s problem.
> >
> > Chris if you can please enable the V4TNC debug log. Run a test where you see this PTT hang (is it every time?) and send me the debug log directly to rmuethingATcfl.rr.com
> >
> > Re the embedded Ctrl<Cr> : A good point. I will look at this and see what can be done. Since the user files are generated by a standard utility (e.g. notepad, word pad, word etc) it has to be made using a character that can be keyboard entered (basically a printing character) or string of printing char e.g. something like â□□~â□□ or â□□###â□□. When the file text is then loaded into the keyboard text box the special char or string would be replaced by Ctrl<Cr> and trigger the send to the output buffer. Iâ□□m inclined to use a string like â□□###â□□ not likely to ever occur in normal text. Any comments out there on this?
> >
> > Rick KN6KB
> >
> >
> > From: kb3cs
> > Sent: Thursday, December 16, 2010 8:50 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] Re: TX/RX turnaround
> >
> >
> > I'm observing about a 1 second delay in switching back to RX from TX after the output buffer has emptied. I have monitored my transmissions using a second receiver to perform my observations.
> > I have set V4 AutoID off and have both enabled and disabled CWID.
> >
> > My transmitter remains in TX mode with no modulation for about 1 second before the PTT is released and it returns to RX mode. The busy detector would seem to not be involved since there is not even enough audio level to cause the waterfall to go any brighter than grey while still in TX mode.
> >
> > I am using serial port signaling on COM1 for PTT (RTS in this case) and serial data on COM2 (9600n1 RTS/CTS) for CAT. No VOX, no PTT derived from VOX.
> >

> > The previously reported COM2 error appears to have been a transient, although changing the Radio Control Port from [None] to COM2 causes V4 to "forget" its PTT Port setting (it switches to [External]).
> >
> > Is there a way to embed a Ctrl-Enter or its equivalent into a User File?
> >
> > - Chris KB3CS
> >

744. V4 symbol coding

Yahoo group: V4Protocol
Date: 2011-01-12 23:51:27 UTC
From: kb3cs
Topic: 744 Message: 744

I note when I send a long string of "kkkkkk" chars, I can (by ear!) hear the V4 modem sending the same symbol using the same tones over and over.

This leads me to a question: given the usual RF channel characteristics on HF, is this an "ok" thing to do?

I know DominoEX rotates the carrier map so different tones are used for each succeeding symbol.

?? Chris KB3CS

745. Re: [V4Protocol] V4 symbol coding

Yahoo group: V4Protocol
Date: 2011-01-12 23:57:40 UTC
From: Ed Woods WD9DVA
Topic: 744 Message: 745

Chris if you were working CW hw many K's would you send? 73 Ed wd9dva
----- Original Message -----
From: kb3cs
To: V4Protocol@yahoogroups.com
Sent: Wednesday, January 12, 2011 23:51
Subject: [V4Protocol] V4 symbol coding

I note when I send a long string of "kkkkkk" chars, I can (by ear!) hear the V4 modem sending the same symbol using the same tones over and over.

This leads me to a question: given the usual RF channel characteristics on HF, is this an "ok" thing to do?

I know DominoEX rotates the carrier map so different tones are used for each succeeding symbol.

?? Chris KB3CS

746. Re: New member, trying to install V4Protocol

Yahoo group: V4Protocol
Date: 2011-01-13 01:55:50 UTC
From: rjl_03063
Topic: 648 Message: 746

--- In V4Protocol@yahoogroups.com, "Stephen West-Fisher" <steve@...>
wrote:
>
> It might work to map your "F:\" drive to "C:\". You would need to
share it
> first, then you could map it.

I'm having the same problem. In my case the system is on the I: drive.
The C: drive is another non-windows partition
on the same drive so I can't use the subst command to remap. Is there
anyway to get the setup program to accept a
different drive?

thanks,
ray - k1rjl

747. Re: New member, trying to install V4Protocol

Yahoo group: V4Protocol
Date: 2011-01-13 02:48:30 UTC
From: Raymond Lanza
Topic: 648 Message: 747

Okay I solved my problem. The original windows installation was done to a second partition which wound up being drive I:. Drive C: was a USB port, I'm not sure why but it was. I renamed to the USB port to J: and then I was able to add a virtual C: drive using the subst command.

subst C: I:\

That satisfied the setup program. Once the setup program was up and running it did provide the option to install on a different drive. I installed on I: which is my system drive.

ray - K1RJL

748. Re: [V4Protocol] V4 symbol coding

Yahoo group: V4Protocol
Date: 2011-01-13 13:26:49 UTC
From: Rick Muething
Topic: 744 Message: 748

Chris,

Domino rotates the tones because it does not use a fixed length frame and without a fixed length frame it could loose (or never acquire) symbol sync on repeated characters. V4 uses 4FSK (less bandwidth) and fixed frame and symbol timing and a unique frame and symbol sync which identifies the frame type. There is code in V4 that still tracks symbol framing over the expected errors in sound cards (up to about 4000 ppm...which is a pretty large error). V4 also uses Viterbi encoding with soft decoding to send 1 bit of FEC for each bit of information. The Viterbi encoder spreads each symbol out over 7 symbol times (K=7, Rate = 1/2 or the NASA Voyager encoder) which is good for both VHF and HF propagation. While it is possible to make V4 more robust (more FEC) the current goal is to make it as robust as possible and still fit in a 200 Hz bandwidth while allowing typing speeds of about 50 WPM. The V4 ARQ Mode which I am now testing will provide error free operation even in poor channels through repeats which of course will reduce the throughput on poor channels but insure error free delivery of text unless the channel is so poor the ARQ would timeout.

Rick KN6KB

From: Ed Woods WD9DVA
Sent: Wednesday, January 12, 2011 6:57 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 symbol coding

Chris if you were working CW hw many K's would you send? 73 Ed wd9dva
----- Original Message -----
From: kb3cs
To: V4Protocol@yahoogroups.com
Sent: Wednesday, January 12, 2011 23:51
Subject: [V4Protocol] V4 symbol coding

I note when I send a long string of "kkkkkk" chars, I can (by ear!) hear the V4 modem sending the same symbol using the same tones over and over.

This leads me to a question: given the usual RF channel characteristics on HF, is this an "ok" thing to do?

I know DominoEX rotates the carrier map so different tones are used for each succeeding symbol.

?? Chris KB3CS

749. I'm on 14.073 calling CQ for the next hour

Yahoo group: V4Protocol
Date: 2011-01-15 22:55:27 UTC
From: jackspace
Topic: 749 Message: 749

I'll be on 14.073MHz calling CQ on V4 for the next hour.

73
Jack, K6JEB

750. RE: [V4Protocol] I'm on 14.073 calling CQ for the next hour

Yahoo group: V4Protocol
Date: 2011-01-16 11:37:21 UTC
From: Kirk, K6KAR
Topic: 749 Message: 750

Jack,

Happy to be your first V4 contact. Let's do it again soon.

73,

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of jackspace
Sent: Saturday, January 15, 2011 4:55 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] I'm on 14.073 calling CQ for the next hour

I'll be on 14.073MHz calling CQ on V4 for the next hour.

73
Jack, K6JEB

751. Registration not available.

Yahoo group: V4Protocol
Date: 2011-01-16 14:19:56 UTC
From: robert3krakow
Topic: 751 Message: 751

Hallo to all. I was trying to register but under the link http://www.arsfi.org/V4.aspx I received info "V4 Registration is not available at this time.Check back towards the end for the beta program."
My question is, there is another web site to register or registration is not available forever ?
Anybody ?

752. Re: [V4Protocol] Registration not available.

Yahoo group: V4Protocol
Date: 2011-01-16 14:39:19 UTC
From: Lee
Topic: 751 Message: 752

Robert,

The web page is correct - V4 registration has not started. The beta program has only barely gotten underway. When V4 is complete (or near complete) we will open up registration.

73, Lee K0QED

On Sun, Jan 16, 2011 at 7:19 AM, robert3krakow <robert3krakow@...>wrote:

>
>
> Hallo to all. I was trying to register but under the link
> http://www.arsfi.org/V4.aspx I received info "V4 Registration is not
> available at this time.Check back towards the end for the beta program."
> My question is, there is another web site to register or registration is
> not available forever ?
> Anybody ?
>
>
>

753. Logging

Yahoo group: V4Protocol
Date: 2011-01-17 01:15:37 UTC
From: kb2vmg
Topic: 753 Message: 753

How is everyone logging the mode of contacts? I DXKeeper and there is no pull down for V4.

Also, 14.073 is not the best choice of frequencies since there always seems there is a strong Hell station nearby. Might I suggest 14.075.

Thanks.

73

KB2VMG

754. Re: [V4Protocol] Logging

Yahoo group: V4Protocol
Date: 2011-01-17 01:41:43 UTC
From: Raymond Lanza
Topic: 753 Message: 754

On 1/16/11 8:15 PM, kb2vmg wrote:
>
> How is everyone logging the mode of contacts? I DXKeeper and there is
> no pull down for V4.
>
> Also, 14.073 is not the best choice of frequencies since there always
> seems there is a strong Hell station nearby. Might I suggest 14.075.
>
There's a lot of JT65 traffic at 14.076.

ray - K1RJL

755. V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 03:44:19 UTC
From: W6IDS
Topic: 755 Message: 755

This forum has become fairly quiet for an Alpha Testing activity.

Does this mean that we've found all the peculiarities that need attention?

During the ACTIVE testing, as such, has anyone given any thought at all as to usefulness of the protocol for daily comms as compared to the likes of RTTY, PSK flavors, BPSK flavors, etc?

Has anyone given any thought as to promoting the protocol for testing above and beyond the small group of ALPHA testers we now have?

If there's interest in using the protocol for real, any ideas as to how to handle it? Is it supposed to be isolated within the confines of a specific space or allowed to be used in the same manner as RTTY, OLIVIA, etc?

I know, I know.... I'm just asking, knowing full well we're still waiting for ARQ to be released. That said, who's best to make the decision as to how it should be used - experienced PacTOR operators or any of us? Is it to be channelized or allowed to be controlled by the VFO like RTTY, OLIVIA, PacTOR I and II, etc?

I ask because I'm sure that WL2K won't want it per se, other than ARQ messaging as afforded by RMS Express, etc. OOPS, wait a minute. This won't be the same animal I think, so WL2K application doesn't fit here <GRIN>.

So, any thoughts on this? Anyone? Anyone?

Howard W6IDS
Richmond, IN EM79NV

756. Re: V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 04:28:23 UTC
From: bryanste
Topic: 755 Message: 756

Most of the testing activity seems to be straight V4 Chats. It's hard to gauge performance without A:B comparison. Perhaps it would be worthwhile to test V4 "side-by-side" under actual operating conditions with modes such as PSK125/PSK125R, DominoEX4, MFSK8/16, Olivia4/250, etc. Thoughts?

73
Bryan
KG4UPR

...
>
> During the ACTIVE testing, as such, has anyone given any thought at all
> as to usefulness of the protocol for daily comms as compared to the likes
> of RTTY, PSK flavors, BPSK flavors, etc?
>
...

757. Re: [V4Protocol] V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 13:49:09 UTC
From: Ian Wade G3NRW
Topic: 755 Message: 757

From: W6IDS <w6ids@...>
Date: Sun, 16 Jan 2011 Time: 22:44:19

>
>This forum has become fairly quiet for an Alpha Testing activity.
>
>Does this mean that we've found all the peculiarities that need attention?
>

Hi Howard

Yes, this forum has gone quiet. This could mean that either everything seems to work fine, and we are waiting for the ARQ version, or that people have given up on it.

I personally have given up on it, for two reasons:

1. V4 seems to need a very strong signal before it will decode. I have found that signals need to be approaching S7-8 before it works, whereas PSK250 signals, for example, decode every time at very little above the noise level. Time and again I have heard very strong V4 signals in the speaker, but they just don't decode.

2. The V4 system seems to be far too sensitive to Busy conditions. Time and again I find it won't transmit because there is a weak PSK signal or other data signal nearby (but >100Hz away from V4 center), when there is no obvious reason why V4 transmission should be held back.

I hope Rick can address these issues. Otherwise there are far better chat/messaging systems around that are already well established (pskmail, for example).

--
73
Ian, G3NRW

758. Re: [V4Protocol] V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 13:51:42 UTC
From: Rick Muething
Topic: 755 Message: 758

Howard,All

Just a few things for clarification. The V4 ARQ is coming along. I have it basically working through the simulator but it is probably at least a week before any release for alpha testing. Main problem is there are only 24 hours in the day and I have a lot of other personal and programming commitments right now.

Once I get V4 ARQ working I'll look at making the default tone user selectable. There are some pros (flexibility with filters) and cons (confusion with Dial frequencies) with this but it is worth evaluating.

The V4 protocol like all modes has to have compromises. The goals and constraints I put on V4 were: 200 Hz bandwidth (to fit into current or future bandplan by bandwidth restrictions) and 50 WPM typing speed (typical max manual speed). I would like some feedback on these and how they compare with other modes. For example it is very easy to add an outer layer of RS FEC to give improved robustness at the cost of typing speed. (e.g. we could get 2 character corrections/frame by dropping to about 38-40 WPM net speed). Or additional robustness could be achieved by expanding the number of tones (bandwidth). These changes probably shouldn't be considered until we have evaluated the ARQ mode.

As far as WL2K is concerned it is not at all likely V4 would ever be used. It would offer no advantage (other than say narrow bandwidth) over WINMOR and is considerably slower. I conceived V4 in response to many requests (during the testing of WINMOR) to provide a chat mode for peer to peer QSOs. It was relatively easy to pick selected pieces of code from the WINMOR TNC to implement V4 making its development much simpler than starting from scratch.

All I ask is if someone is doing A/B comparison tests with other modes they do every thing possible to document the test and to try and insure the tests are done over equivalent propagation conditions (either simulator or averaging results across tests run over nearly the same conditions). Also I would be interested in feedback as to where the desired tradeoffs are.

73,

Rick KN6KB

759. Re: V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 14:11:47 UTC
From: aa777888athotmaildotcom
Topic: 755 Message: 759

My two cents, offered in the spirit of honesty and not meant to be harsh or critical...

So far the mode is very uninteresting for many of the same reasons others have mentioned: mediocre performance and a solution looking for a problem.

A significant issue is that the software itself does not have the look, feel or features of the more mainstream digital mode software. At the very least single-click macros are almost a must-have for the modern digital QSO'er. Without that the level of effort for the average tester may be too high.

Another factor is "marketing", for lack of a better term. Winmor aficionados know about V4 but they are not exactly the right demographic. Indeed, when there was some initial activity most operators seemed to be from this demographic as was painfully apparent by the clumsiness of their op's compared to, for example, a seasoned PSK'er.

There is also a bit too much exclusivity. Rather than have a separate yahoo group, it might be better to move discussions to a larger venue like yahoo digital radio group. Indeed, if this mode were added to an alpha release of say fldigi or MultiPSK (and I'm not saying that's easy) adoption and testing rates would likely be far higher.

Failing all that, if V4 did something really remarkable, new and different it would become interesting. For instance, will the ARQ mode provide seamless, full-duplex chat with automatic ID? That might be interesting.

v/r

k*b*l*0*0*q

760. Re: [V4Protocol] V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 14:42:55 UTC
From: John Herman
Topic: 755 Message: 760

The challenge I seem to have is finding someone else on to test with. So far, I have made two contacts. first one was pretty strong, and the second one was weak and we switched to Olivia to finish our conversation.

In my humble opinion, we need to publish "net times." We could start the net using V4 and switch around with the different modes to see if there's a difference. I would really be interested in meeting with others to test this.

John
KJ4ZFE

From: W6IDS <w6ids@...>
To: V4Protocol@yahoogroups.com
Sent: Sun, January 16, 2011 10:44:19 PM
Subject: [V4Protocol] V4 CHAT, ALPHA Testing, and Ham Use

This forum has become fairly quiet for an Alpha Testing activity.

Does this mean that we've found all the peculiarities that need attention?

During the ACTIVE testing, as such, has anyone given any thought at all as to usefulness of the protocol for daily comms as compared to the likes of RTTY, PSK flavors, BPSK flavors, etc?

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If there's interest in using the protocol for real, any ideas as to how to handle it? Is it supposed to be isolated within the confines of a specific space or allowed to be used in the same manner as RTTY, OLIVIA, etc?

I know, I know.... I'm just asking, knowing full well we're still waiting for ARQ to be released. That said, who's best to make the decision as to how it should be used - experienced PacTOR operators or any of us? Is it to be channelized or allowed to be controlled by the VFO like RTTY, OLIVIA, PacTOR I and II, etc?

I ask because I'm sure that WL2K won't want it per se, other than ARQ messaging as afforded by RMS Express, etc. OOPS, wait a minute. This won't be the same animal I think, so WL2K application doesn't fit here <GRIN>.

So, any thoughts on this? Anyone? Anyone?

Howard W6IDS
Richmond, IN EM79NV

761. Re: [V4Protocol] Re: V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 14:56:04 UTC
From: Rick Muething
Topic: 755 Message: 761

Thanks for your comments. I think it is worthwhile noting the current development maturity and objectives of the V4 effort.

You seem to be suggesting that V4 and its client V4Chat are ready for general “consumptions” and comparisons with all other existing digital modes. I think it is worth noting the first paper on V4 was in September (DCC 2010) and initial V4 ALPHA software testing is a bit over 6 weeks old. Not really fair to compare software maturity to PSK31 and older digital modes over 10 years old. Features like single click Macro’s, click to tune etc are easy to implement down the road but now they take time away from the important thing the V4 protocol. Well engineered protocols are more difficult to implement than the GUI of clients.

The V4 TNC implements a stand alone “software HF modem” that could be used or incorporated into any client. That is the whole idea....offering the modem and protocol to anyone that wants to integrate it into an existing client/suite. This means you don’t have to be a DSP guru to use the V4TNC. The V4Chat client has been put together so we have something to test the V4 TNC with. Bells and whistles on this initial client are not what are needed for testing and optimizing the V4 protocol. This stand alone TNC application concept has been tested and well accepted with the WINMOR TNC which is used by RMS Express, Paclink, BPQ32 and other applications.

No one is trying to “MARKET” anything. I’m looking for good solid technical feedback on some very early alpha software. There still is a lot of flexibility as to what can be incorporated into the DSP and FEC modes. I would guess that fair comparisons to production software and applications that might be a year or more off. The objective now is to wring out a very solid V4 TNC helper application that anyone is then welcome to incorporate into whatever end user application and GUI they wish. A small focused group of testers is better for this than a large group like the digital group. (I also monitor and contribute to the digital and BPQ32 groups).

Rick KN6KB

762. Re: [V4Protocol] Re: V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 14:59:22 UTC
From: Ed Woods WD9DVA
Topic: 755 Message: 762

Rick, well said. 73 Ed WD9DVA
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Monday, January 17, 2011 14:56
Subject: Re: [V4Protocol] Re: V4 CHAT, ALPHA Testing, and Ham Use

Thanks for your comments. I think it is worthwhile noting the current development maturity and objectives of the V4 effort.

You seem to be suggesting that V4 and its client V4Chat are ready for general “consumptions” and comparisons with all other existing digital modes. I think it is worth noting the first paper on V4 was in September (DCC 2010) and initial V4 ALPHA software testing is a bit over 6 weeks old. Not really fair to compare software maturity to PSK31 and older digital modes over 10 years old. Features like single click Macro’s, click to tune etc are easy to implement down the road but now they take time away from the important thing the V4 protocol. Well engineered protocols are more difficult to implement than the GUI of clients.

The V4 TNC implements a stand alone “software HF modem” that could be used or incorporated into any client. That is the whole idea....offering the modem and protocol to anyone that wants to integrate it into an existing client/suite. This means you don’t have to be a DSP guru to use the V4TNC. The V4Chat client has been put together so we have something to test the V4 TNC with. Bells and whistles on this initial client are not what are needed for testing and optimizing the V4 protocol. This stand alone TNC application concept has been tested and well accepted with the WINMOR TNC which is used by RMS Express, Paclink, BPQ32 and other applications.

No one is trying to “MARKET” anything. I’m looking for good solid technical feedback on some very early alpha software. There still is a lot of flexibility as to what can be incorporated into the DSP and FEC modes. I would guess that fair comparisons to production software and applications that might be a year or more off. The objective now is to wring out a very solid V4 TNC helper application that anyone is then welcome to incorporate into whatever end user application and GUI they wish. A small focused group of testers is better for this than a large group like the digital group. (I also monitor and contribute to the digital and BPQ32 groups).

Rick KN6KB

763. Re: [V4Protocol] V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 15:00:20 UTC
From: Ian Wade G3NRW
Topic: 755 Message: 763

From: John Herman <kj4zfe@...>
Date: Mon, 17 Jan 2011 Time: 06:42:55

>The challenge I seem to have is finding someone else on to test with. So
>far, I have made two contacts. first one was pretty strong, and the
>second one was weak and we switched to Olivia to finish our conversation.
>
>In my humble opinion, we need to publish "net times." We could start the
>net using V4 and switch around with the different modes to see if there's a
>difference. I would really be interested in meeting with others to test this.
>
>John
>KJ4ZFE

John, one place where people seem to congregate to arrange V4 skeds is:

http://obriensweb.com/sked

On that page, click on "Digital radio" at top right.

--
73
Ian, G3NRW

764. Re: [V4Protocol] V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 15:11:02 UTC
From: Rick Muething
Topic: 755 Message: 764

Ian,

Thanks for your comments. I have been working on the ARQ mode...its more complex than FEC and requires a lot more testing. Hopefully I can get some ARQ code out for ALPHA testing this week. Just not enough hours in the day!

On your comments:

Decoding sensitivity. I am working on this and there is a tradeoff of sensitivity vs. error rate. One can be increased at the expense of the other. In the end I may have to put a control for this but for now I am trying to make it automatic. Also there is more to a successful connection than signal strength. PSK modes are good for weak signal WGN channels but notoriously worse in poor multipath channels especially NVIS. One objective on V4 is to provide good throughput in NVIS type propagation (poor multipath and Doppler). For ARQ operation for example the sensitivity can be increased because errors are suppressed by the ARQ.

Busy Detection: The busy detection is a feature built into the V4 TNC program.... The intention is to make it difficult to interfere with an existing QSO of any mode. The sensitivity of the busy detector is variable (SQUELCH) and turning the squelch up to 10 for example virtually makes the busy detector deaf. If more programs and modes tried to incorporate some form of busy detection /busy blocking we would have less interference from our digital modes.

73,

Rick KN6KB

765. Re: [V4Protocol] V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 15:19:08 UTC
From: Jack Swift - Swift Hardware
Topic: 755 Message: 765

is this backwards? or am i mis-reading it (as usual)?

my understanding of 'the squelch knob' on a radio is squelch (level)
increases with the index value..

On Mon, Jan 17, 2011 at 10:11 AM, Rick Muething <rmuething@....com> wrote:
>
> Busy Detection: The sensitivity of the busy detector is variable (SQUELCH) and turning the squelch up to 10 for example virtually makes the busy detector deaf.

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV EN57rc
^^^^^^^^^^^^^^^^^^^^^^^

766. Re: [V4Protocol] V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 15:22:38 UTC
From: John Herman
Topic: 755 Message: 766

perfect, thanks!

From: Ian Wade G3NRW <g3nrw@...>
To: V4Protocol@yahoogroups.com
Sent: Mon, January 17, 2011 10:00:20 AM
Subject: Re: [V4Protocol] V4 CHAT, ALPHA Testing, and Ham Use

From: John Herman <kj4zfe@...>
Date: Mon, 17 Jan 2011 Time: 06:42:55

>The challenge I seem to have is finding someone else on to test with. So
>far, I have made two contacts. first one was pretty strong, and the
>second one was weak and we switched to Olivia to finish our conversation.
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>net using V4 and switch around with the different modes to see if there's a
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>John
>KJ4ZFE

John, one place where people seem to congregate to arrange V4 skeds is:

http://obriensweb.com/sked

On that page, click on "Digital radio" at top right.

--
73
Ian, G3NRW

767. Re: [V4Protocol] V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 15:38:26 UTC
From: David Bastress
Topic: 755 Message: 767
Attachments: 4 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

768. Re: [V4Protocol] V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 16:09:38 UTC
From: Fred G -w1wyc
Topic: 755 Message: 768

Yup, you've got it right Dave.

Fred, W1WYC

----- Original Message -----
From: David Bastress
To: V4Protocol@yahoogroups.com
Sent: Monday, January 17, 2011 10:38 AM
Subject: Re: [V4Protocol] V4 CHAT, ALPHA Testing, and Ham Use

GM Jack,

Thinking of squelch controls I have known, it seems right to me. Turning the knob CCW or "down" makes the receiver more sensitive to hearing weak signal. While turning the squelch control CW or "up" requires the incoming signal to be stronger to 'break the squelch' and be heard, effectively making the receiver more "deaf". :-)

Dave K3GAU

>>> Jack Swift - Swift Hardware <jswift@...> 1/17/2011 10:19 AM >>>

is this backwards? or am i mis-reading it (as usual)?

my understanding of 'the squelch knob' on a radio is squelch (level)
increases with the index value..

On Mon, Jan 17, 2011 at 10:11 AM, Rick Muething <rmuething@...> wrote:
>
> Busy Detection: The sensitivity of the busy detector is variable (SQUELCH) and turning the squelch up to 10 for example virtually makes the busy detector deaf.

--

vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift
I.E. Swift Co.
402 Shelden Ave.
Houghton, MI 49931
906-482-0530, 281-5300
Radio: N8WAV EN57rc
^^^^^^^^^^^^^^^^^^^^^^^

769. Re: [V4Protocol] V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 17:36:52 UTC
From: Jerry Curry
Topic: 755 Message: 769

K3UK sked page works good. Check it out.
Jerry
KL7EDK

On Jan 17, 2011, at 5:42 AM, John Herman wrote:

>
> The challenge I seem to have is finding someone else on to test with. So far, I have made two contacts. first one was pretty strong, and the second one was weak and we switched to Olivia to finish our conversation.
>
> In my humble opinion, we need to publish "net times." We could start the net using V4 and switch around with the different modes to see if there's a difference. I would really be interested in meeting with others to test this.
>
> John
> KJ4ZFE
>
> From: W6IDS <w6ids@...>
> To: V4Protocol@yahoogroups.com
> Sent: Sun, January 16, 2011 10:44:19 PM
> Subject: [V4Protocol] V4 CHAT, ALPHA Testing, and Ham Use
>
>
>
> This forum has become fairly quiet for an Alpha Testing activity.
>
> Does this mean that we've found all the peculiarities that need attention?
>
> During the ACTIVE testing, as such, has anyone given any thought at all
> as to usefulness of the protocol for daily comms as compared to the likes
> of RTTY, PSK flavors, BPSK flavors, etc?
>
> Has anyone given any thought as to promoting the protocol for testing
> above and beyond the small group of ALPHA testers we now have?
>
> If there's interest in using the protocol for real, any ideas as to how to
> handle it? Is it supposed to be isolated within the confines of a specific
> space or allowed to be used in the same manner as RTTY, OLIVIA,
> etc?
>
> I know, I know.... I'm just asking, knowing full well we're still waiting
> for ARQ to be released. That said, who's best to make the decision
> as to how it should be used - experienced PacTOR operators or any
> of us? Is it to be channelized or allowed to be controlled by the VFO

> like RTTY, OLIVIA, PacTOR I and II, etc?
>
> I ask because I'm sure that WL2K won't want it per se, other than
> ARQ messaging as afforded by RMS Express, etc. OOPS, wait a
> minute. This won't be the same animal I think, so WL2K application
> doesn't fit here <GRIN>.
>
> So, any thoughts on this? Anyone? Anyone?
>
> Howard W6IDS
> Richmond, IN EM79NV
>
>
>
>

770. AW: [V4Protocol] Re: V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 18:55:05 UTC
From: Siegfried Jackstien
Topic: 755 Message: 770

Very well said (written)
I remember many starts of new soft (as i was always interested in new soft and new modes) ... some of them died after some week ... some were just sleepimg in the background but wer not developed further ...
Time will show how good v4 compares on air against other modes ...
Not other gui`s ... other mode!!! Just make some tests with the well known sentence from the lazy dog and the fox
Send them a few times in different modes with the same power
Compare the results (faults?)
Would like to make some similar test with the soft ... but everytime when I have some spare time for testing all others are in bed (I am in dl) ...
Maybe on the weekend?!?
Greetz
Sigi
Dg9bfc

771. Re: V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-17 21:17:07 UTC
From: la7um
Topic: 755 Message: 771

Yes. Agreed. Just cut and paste some standard bla bla dogs and foxes or cats....send them back and forth several times. Make statistics.

Find some noicy switch mode powers and impose noice, then reducing noice (move away the source of the noice, use filters on and off, make notes abt what you do, and send the same file later.

Compare what other modes are the better in those various "surroundings". This may, or may not turn the results upside down.
Anyway interesting to know.

Do it mid day, greytime, evening, night time.
Listen to the Ground wave if a close co station, listen to the NVIS and Multipath changings when gradually getting darker (f.ex 80m).

This is the closest way an on air client can "simulate" a real simulation. Kind of quasi estimating parameters using statistical methods.

Give the MODE/PROTOCOL a chance to mature.

Bells as whistles (read macros or whatever) may come later, maybe even in other sw just implementing this Virtual TNC.

73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "Siegfried Jackstien" <siegfried.jackstien@...> wrote:
>
> Very well said (written)
> I remember many starts of new soft (as i was always interested in new soft
> and new modes) ... some of them died after some week ... some were just
> sleepimg in the background but wer not developed further ...
> Time will show how good v4 compares on air against other modes ...
> Not other gui`s ... other mode!!! Just make some tests with the well known
> sentence from the lazy dog and the fox
> Send them a few times in different modes with the same power
> Compare the results (faults?)
> Would like to make some similar test with the soft ... but everytime when I
> have some spare time for testing all others are in bed (I am in dl) ...
> Maybe on the weekend?!?
> Greetz
> Sigi
> Dg9bfc
>

772. Re: V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-18 14:01:04 UTC
From: Howard Z
Topic: 755 Message: 772

Well,

If people want keyboarding with ARQ using the WINMOR TNC, it has been available for quite some time in Ham Radio Integrator (HRI) software - available in the N3ZH_Software yahoo group's files section. I had already added Macros long ago and was considering some kind of automated file transfers, but the interest was inexplicably not there.

I saw this as very useful to replace Pactor-1 TNCs used regularly in some MARS groups. A high level Mars member in the northeast had some interest, but his members seemed to prefer their Pactor-1 TNCs. Amateur Radio has a plethora of digital modes, but very few which can assure error free transmission.

I was under the impression that Rick/WDT was going to "tweak" Winmor to be better for this purpose. But instead he is creating a brand new protocol. I do not understand this decision, but it is his decision. This is his area of expertise - not mine.

The smaller bandwidth of V4 is a major disappointment to me. And this also makes me wonder why it will be embraced by the Amateur or EMCOMM community.

I had been hoping for an increased bandwidth to at least 2400 hz for Winmor as that is the digital bandwidth one sees on most modern amateur radios. Olivia and MT63 have 2000 hz bandwidth options and these have been regularly used by MARS groups. Perhaps a 2400 hz Winmor mode will rival Pactor-3 throughput? This will increase file transfer speeds both in RMS Express and also in the HRI/Winmor keyboarding where one currently can cut/paste a text file - or perhaps someday automated file transfers.

MARS often has nets that switch between Voice, keyboarding, and guaranteed error-free ARQ file/message transfers.

I envisioned a different path here for Winmor/V4.

However, I do acknowledge the monumental achievement of developing and implementing the Winmor keyboarding mode. And the Amateur Radio and Emcomm world deeply appreciates Rick/WDT's efforts.

Howard -
the other Howard/N3ZH/AAN3AC

--- In V4Protocol@yahoogroups.com, "W6IDS" <w6ids@...> wrote:
>
>
> This forum has become fairly quiet for an Alpha Testing activity.
>
> Does this mean that we've found all the peculiarities that need attention?
>
> During the ACTIVE testing, as such, has anyone given any thought at all
> as to usefulness of the protocol for daily comms as compared to the likes

> of RTTY, PSK flavors, BPSK flavors, etc?
>
> Has anyone given any thought as to promoting the protocol for testing
> above and beyond the small group of ALPHA testers we now have?
>
> If there's interest in using the protocol for real, any ideas as to how to
> handle it? Is it supposed to be isolated within the confines of a specific
> space or allowed to be used in the same manner as RTTY, OLIVIA,
> etc?
>
> I know, I know.... I'm just asking, knowing full well we're still waiting
> for ARQ to be released. That said, who's best to make the decision
> as to how it should be used - experienced PacTOR operators or any
> of us? Is it to be channelized or allowed to be controlled by the VFO
> like RTTY, OLIVIA, PacTOR I and II, etc?
>
> I ask because I'm sure that WL2K won't want it per se, other than
> ARQ messaging as afforded by RMS Express, etc. OOPS, wait a
> minute. This won't be the same animal I think, so WL2K application
> doesn't fit here <GRIN>.
>
> So, any thoughts on this? Anyone? Anyone?
>
> Howard W6IDS
> Richmond, IN EM79NV
>

773. Re: [V4Protocol] Re: V4 CHAT, ALPHA Testing, and Ham Use

Yahoo group: V4Protocol
Date: 2011-01-18 16:04:48 UTC
From: Rick Muething
Topic: 755 Message: 773

Howard,
Thanks for your acknowledgement.

All along and thoroughly documented are the different goals of WINMOR and V4. If you haven't yet you might want to read the 2010 DCC paper on the V4Protocol reflector.

WINMOR: A Message oriented protocol (MOR = Message Over Radio) was specifically designed to be a low cost alternative for P1, P2 and P3 in message applications. It was designed to be adaptive to the channel and move message data as quickly as possible for the conditions and the selected bandwidth (500 or 1600 Hz). It was not designed or optimized as a keyboard chat mode and takes up unnecessary bandwidth for slow keyboard communications.

V4 was designed from the beginning to be a KEYBOARD QSO protocol. It is "slicker" (less latency) than WINMOR, Takes < half the space and will still deliver 50 WPM typing speed. It will fit into band segments (future?) where only 200 Hz modes are permitted. It is not designed for Message forwarding and would not (even in ARQ mode) be as effective as WINMOR in that. V4 is the result of requests during the WINMOR testing for a mode that was optimized for keyboarding.

One of the values of sound card modes is they can easily be adapted or optimized for specific purposes. (Messages, Keyboarding, Low Power beaconing, VHF, etc) No one protocol is likely to be best for all modes and trying to include every possible application as an appendage to the protocol would likely end up with the proverbial Camel (Horse designed by committee!). I chose to optimize V4 with those modulation modes and coding schemes of WINMOR that were most effective for keyboard speeds and adopted them to use minimal bandwidth. The Virtual TNC implementation of both WINMOR and V4 would easily allow an application (client or server) to select and run the desired mode with a minimum of difficulty....just like selecting between two hardware TNCs optimized for different purposes.

It certainly is possible to increase the bandwidth of WINMOR BUT you cannot always equate increased bandwidth with increased net throughput. Spreading more carriers over the spectrum reduces the power while increasing the crosstalk in each carrier (assuming a constant transmitter capability) and reduced power degrades the performance of all modes. Increasing baud rate (up to the 300 baud limit) improves throughput at the expense of bandwidth but is more susceptible to multipath propagation. Some modes like MT63 use massive redundancy which result in good FEC performance (broadcasts) but score poor on "RF footprint" (bits/Sec/Hz of Bw) and latency. One of the challenges in approaching Pactor 3 performance is not only the very powerful built in DSP (an order of magnitude or so more than most PCs) and sophisticated algorithms but also the precision hardware (e.g. Sample rate oscillator with 10 ppm accuracy) that far out strips virtually all PC sound cards. Whether you like SCS or not there is little denying it is a well engineered box with well optimized DSP firmware and it is very effective.

One thing I think most sound card mode developers would all agree on: It is the very action of designing, testing, and evaluating new modes from which we learn what works, what

doesn’t and how to build something better. So even if V4 (only 6 weeks into ALPHA testing) turns out not to be practical or better for some functions it will be a learning tool for all those that wish to participate in its development and testing. Remember in the early 1900’s there were some that wanted to close the Patent Office because “everything had been invented”. I’m not from that camp.

73,

Rick Muething, KN6KB

774. is group still active

Yahoo group: V4Protocol
Date: 2011-01-26 13:04:09 UTC
From: kb5xe
Topic: 744 Message: 774

Have seen nothing since around the 13th of January.....

Owen KB5XE

775. Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-26 13:13:49 UTC
From: catfish3649
Topic: 744 Message: 775

Haven't heard much...if any...V4 either.

--- In V4Protocol@yahoogroups.com, "kb5xe" <kb5xe@...> wrote:
>
>
>
> Have seen nothing since around the 13th of January.....
>
> Owen KB5XE
>

776. [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-26 13:52:56 UTC
From: David Bastress
Topic: 744 Message: 776
Attachments: 4 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

777. Re: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-02 15:11:21 UTC
From: Ed Woods WD9DVA
Topic: 744 Message: 777

I'm pretty faithful abt 7073, go there hang out, make a few calls and nada, I wonder also.
73 Ed WD9DVA
----- Original Message -----
From: David Bastress
To: V4Protocol@yahoogroups.com
Sent: Wednesday, January 26, 2011 13:52
Subject: [V4Protocol] Re: is group still active

GM Owen,

I think everybody is waiting for the other shoe to drop.

Dave K3GAU

>>> "catfish3649" <k2tft@...> 1/26/2011 8:13 AM >>>

Haven't heard much...if any...V4 either.

--- In V4Protocol@yahoogroups.com, "kb5xe" <kb5xe@...> wrote:
>
>
>
> Have seen nothing since around the 13th of January.....
>
> Owen KB5XE
>

778. Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-26 16:38:37 UTC
From: edgarschuell
Topic: 744 Message: 778

--- In V4Protocol@yahoogroups.com, "kb5xe" <kb5xe@...> wrote:
>
>
>
> Have seen nothing since around the 13th of January.....
>
> Owen KB5XE
>
Hi all,

have not heard any V4 signals at all until now. Blame it on the

propagation...

But will be watching out for it especially on weekends.

73 de Edgar, DL5MCQ

779. Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-27 12:17:15 UTC
From: segwin
Topic: 744 Message: 779

What does that mean Dave?

Terry / K8TJM

--- In V4Protocol@yahoogroups.com, "David Bastress" <bastress@...> wrote:
>
> GM Owen,
>
> I think everybody is waiting for the other shoe to drop.
>
> Dave K3GAU
>

780. RE: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-27 12:21:03 UTC
From: Kirk, K6KAR
Topic: 744 Message: 780

Terry,

ARQ

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of segwin
Sent: Thursday, January 27, 2011 6:17 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: is group still active

What does that mean Dave?

Terry / K8TJM

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> , "David Bastress" <bastress@...> wrote:
>
> GM Owen,
>
> I think everybody is waiting for the other shoe to drop.
>
> Dave K3GAU
>

781. Re: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-27 13:57:14 UTC
From: Rick Muething
Topic: 744 Message: 781

All,

I am very busy now handling my father now in Hospice. I should have the ARQ mode out in a couple of weeks.

Rick KN6KB

From: Kirk, K6KAR
Sent: Thursday, January 27, 2011 7:21 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: is group still active

Terry,

ARQ

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of segwin
Sent: Thursday, January 27, 2011 6:17 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: is group still active

What does that mean Dave?

Terry / K8TJM

--- In mailto:V4Protocol%40yahoogroups.com, "David Bastress" <bastress@...> wrote:
>
> GM Owen,
>
> I think everybody is waiting for the other shoe to drop.
>
> Dave K3GAU
>

782. Re: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-27 14:10:40 UTC
From: David Bastress
Topic: 744 Message: 782
Attachments: 6 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

783. [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-27 14:16:03 UTC
From: David Bastress
Topic: 744 Message: 783
Attachments: 6 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

784. Re: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-27 14:45:20 UTC
From: Owen Mitchell
Topic: 744 Message: 784

Sorry to hear about you father, Rick.

We all wish the best.

Owen KB5XE

--- On Thu, 1/27/11, Rick Muething <rmuething@...> wrote:

From: Rick Muething <rmuething@...>
Subject: Re: [V4Protocol] Re: is group still active
To: V4Protocol@yahoogroups.com
Date: Thursday, January 27, 2011, 6:57 AM

All,

I am very busy now handling my father now in Hospice. I should have the ARQ mode out in a couple of weeks.

Rick KN6KB

From: Kirk, K6KAR
Sent: Thursday, January 27, 2011 7:21 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: is group still active

Terry,

ARQ

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of segwin
Sent: Thursday, January 27, 2011 6:17 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: is group still active

What does that mean Dave?

Terry / K8TJM

--- In mailto:V4Protocol%40yahoogroups.com, "David Bastress" <bastress@...> wrote:
>
> GM Owen,
>
> I think everybody is waiting for the other shoe to drop.
>
> Dave K3GAU
>

785. Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-27 14:54:15 UTC
From: kb1tce
Topic: 744 Message: 785

Rick,

My thoughts and prayers are with you and your family. It's a tough situation. We've been through it with my parents and we see the same in the not distant future for my wife's parents.

Steve, KB1TCE

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> All,
>
> I am very busy now handling my father now in Hospice. I should have the ARQ mode out in a couple of weeks.
>
> Rick KN6KB
>
>
> From: Kirk, K6KAR
> Sent: Thursday, January 27, 2011 7:21 AM
> To: V4Protocol@yahoogroups.com
> Subject: RE: [V4Protocol] Re: is group still active
>
>
>
> Terry,
>
>
> ARQ
>
>
> Kirk, K6KAR
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of segwin
> Sent: Thursday, January 27, 2011 6:17 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: is group still active
>
>
>
>
>
> What does that mean Dave?
>
> Terry / K8TJM
>

> --- In mailto:V4Protocol%40yahoogroups.com, "David Bastress" <bastress@> wrote:
> >
> > GM Owen,
> >
> > I think everybody is waiting for the other shoe to drop.
> >
> > Dave K3GAU
> >
>

786. RE: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-27 15:15:57 UTC
From: Dr Fred Hambrecht
Topic: 744 Message: 786

God bless Rick. We have added you and him to our prayer list.

73

Fred W4JLE

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Thursday, January 27, 2011 8:57 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: is group still active

All,

I am very busy now handling my father now in Hospice. I should have the ARQ mode out in a couple of weeks.

Rick KN6KB

787. Re: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-27 17:36:06 UTC
From: Robert Mitchell
Topic: 744 Message: 787

Rick,
You only have one father. Forget ARQ for the time being. We will all understand. Good luck.
Bob
N7DHV

Sent from my iPad

On Jan 27, 2011, at 6:57 AM, "Rick Muething" <rmuething@...> wrote:

> All,
>
> I am very busy now handling my father now in Hospice. I should have the ARQ mode out in a couple of weeks.
>
> Rick KN6KB
>
>
> From: Kirk, K6KAR
> Sent: Thursday, January 27, 2011 7:21 AM
> To: V4Protocol@yahoogroups.com
> Subject: RE: [V4Protocol] Re: is group still active
>
>
> Terry,
>
>
> ARQ
>
>
> Kirk, K6KAR
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of segwin
> Sent: Thursday, January 27, 2011 6:17 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: is group still active
>
>
>
>
>
> What does that mean Dave?
>
> Terry / K8TJM
>
> --- In mailto:V4Protocol%40yahoogroups.com, "David Bastress" <bastress@...> wrote:
> >

> > GM Owen,
> >
> > I think everybody is waiting for the other shoe to drop.
> >
> > Dave K3GAU
> >
>
>
>

788. Re: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-27 17:53:39 UTC
From: Mike Liller
Topic: 744 Message: 788

Our prayers are with you and your family Rick.

73de
Mike Liller, N7NMS
ARRL Maryland/DC Section, Assistant SEC

From: Rick Muething <rmuething@cfl.rr.com>
To: V4Protocol@yahoogroups.com
Cc:
Sent: Thursday, January 27, 2011 8:57 AM
Subject: Re: [V4Protocol] Re: is group still active

All,

I am very busy now handling my father now in Hospice. I should have the ARQ mode out in a couple of weeks.

Rick KN6KB

From: Kirk, K6KAR
Sent: Thursday, January 27, 2011 7:21 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: is group still active

Terry,
ARQ
Kirk, K6KAR
From:V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of segwin
Sent: Thursday, January 27, 2011 6:17 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: is group still active
What does that mean Dave?

Terry / K8TJM

--- In mailto:V4Protocol%40yahoogroups.com, "David Bastress" <bastress@...> wrote:
>
> GM Owen,
>
> I think everybody is waiting for the other shoe to drop.
>
> Dave K3GAU
>

789. Re: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-03 19:03:46 UTC
From: Ed Woods WD9DVA
Topic: 744 Message: 789

Rick, we are sorry to hear of your Father's failing health. When he's gone, thats it. Be with him as much as possible. Sit next to him and talk to him. He'll kow your there.Let him know whats going on in your life. Read the paper or a bible to him. But spend the time. God bless, 73 Ed WD9DVA
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Thursday, January 27, 2011 13:57
Subject: Re: [V4Protocol] Re: is group still active

All,

I am very busy now handling my father now in Hospice. I should have the ARQ mode out in a couple of weeks.

Rick KN6KB

From: Kirk, K6KAR
Sent: Thursday, January 27, 2011 7:21 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: is group still active

Terry,

ARQ

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of segwin
Sent: Thursday, January 27, 2011 6:17 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: is group still active

What does that mean Dave?

Terry / K8TJM

--- In mailto:V4Protocol%40yahoogroups.com, "David Bastress" <bastress@...> wrote:
>
> GM Owen,
>
> I think everybody is waiting for the other shoe to drop.
>
> Dave K3GAU
>

790. Re: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-29 14:11:52 UTC
From: Rick Muething
Topic: 744 Message: 790

Thanks to all those who have expressed their thoughts and prayers. My father (91) passed away peacefully Thursday evening after a long bout with Alzheimer’s. As things settle back down I’ll be able to spend some time on ham radio again and look forward to it as needed therapy.

Again thank you all for your kind prayers and comments.

73,

Rick Muething, KN6KB

791. Re: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-29 14:26:31 UTC
From: Bob Jones
Topic: 744 Message: 791

Hi Rick,

Sorry for your loss.It is very difficult to watch a loved one go through the stages of Alzheimer's. My thoughts and prayers are with you and your family.

Bob
W4LCS/AAR4LB

--- On Sat, 1/29/11, Rick Muething <rmuething@...> wrote:

From: Rick Muething <rmuething@...>
Subject: Re: [V4Protocol] Re: is group still active
To: V4Protocol@yahoogroups.com
Date: Saturday, January 29, 2011, 8:11 AM

Thanks to all those who have expressed their thoughts and prayers. My father (91) passed away peacefully Thursday evening after a long bout with Alzheimer's. As things settle back down I'll be able to spend some time on ham radio again and look forward to it as needed therapy.

Again thank you all for your kind prayers and comments.

73,

Rick Muething, KN6KB

792. RE: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-29 14:54:29 UTC
From: Kirk, K6KAR
Topic: 744 Message: 792

Rick,

I can relate to what you and your family have and are going through. Five years ago, my Dad (K6TMX) went through the same conditions although, it was diagnosed as old age dementia. What made it doubly difficult is that my Mom had to handle the pain of it all as we have been out of the area (NW Florida) for a number of years. Although I made trips out there (southern California), it wasn't like being there on a day to day basis. The bottom line is that it was a very difficult period for all of us. About a year later I had to again make frequent trips out to California to care for my Mom. Then, she also passed away. To say it was a tough time is an understatement. The pain of it all is still very fresh in my mind.

My best to you Rick.

73,

Kirk, K6KAR

Niceville, FL

P.S. My 17 year old daughter (Erin) as an Extra Class, now holds my Dad's old call.

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Saturday, January 29, 2011 8:12 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: is group still active

Thanks to all those who have expressed their thoughts and prayers. My father (91) passed away peacefully Thursday evening after a long bout with Alzheimer's. As things settle back down I'll be able to spend some time on ham radio again and look forward to it as needed therapy.

Again thank you all for your kind prayers and comments.

73,

Rick Muething, KN6KB

793. Re: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-29 14:56:26 UTC
From: Bill Kasper
Topic: 744 Message: 793

Sorry for your loss, Rick

On 1/29/2011 9:54 AM, Kirk, K6KAR wrote:

>
> 73,
>
>
> Rick Muething, KN6KB
>
>
>
>

794. Re: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-29 16:14:42 UTC
From: R. Ian Renton
Topic: 744 Message: 794

Rick:
Please take your time with family matters. That is what's really important.
The rest can wait.
I hope you also can find some peace in your father's passing.
My very best wishes to you and yours.
Ian Renton
W4RIR
On Sat, Jan 29, 2011 at 9:11 AM, Rick Muething <rmuething@...> wrote:

>
>
>
> Thanks to all those who have expressed their thoughts and prayers. My
> father (91) passed away peacefully Thursday evening after a long bout with
> Alzheimer’s. As things settle back down I’ll be able to spend some time on
> ham radio again and look forward to it as needed therapy.
>
> Again thank you all for your kind prayers and comments.
>
> 73,
>
> Rick Muething, KN6KB
>
>
>

795. Re: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-29 18:01:24 UTC
From: John Hirth
Topic: 744 Message: 795

Rick,

Please accept my heartfelt condolence. After more than 30 years without him I still think of my father every day. He'll always be with you and your family.

John W2KI

796. Re: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-29 19:06:40 UTC
From: ivor barrett
Topic: 744 Message: 796

Rick,
Sorry to hear about the passing of your Dad. The heavenly Father knows best and I am sure he had a FULL and GREAT life based on his age. My deepest condolences to you and your family.

73
Ivor - KJ4YDW

From: Rick Muething <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Sat, January 29, 2011 9:11:52 AM
Subject: Re: [V4Protocol] Re: is group still active

Thanks to all those who have expressed their thoughts and prayers. My father (91) passed away peacefully Thursday evening after a long bout with Alzheimer's. As things settle back down I'll be able to spend some time on ham radio again and look forward to it as needed therapy.

Again thank you all for your kind prayers and comments.

73,
Rick Muething, KN6KB

797. Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-29 19:34:52 UTC
From: la7um
Topic: 744 Message: 797

Rick. Been away a couple of days. My deepest condolances with your father. Skip Winmor and V-4 for now until it becomes valuable for YOU.

Do what else you have to do. I have a kind of feeling what you're into at the time beeing. Father passed away 25 years ago, and mom is now closing into 95.

U're in my prayers.

73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
>
> Thanks to all those who have expressed their thoughts and prayers. My father (91) passed away peacefully Thursday evening after a long bout with Alzheimerâ□□s. As things settle back down Iâ□□ll be able to spend some time on ham radio again and look forward to it as needed therapy.
>
> Again thank you all for your kind prayers and comments.
>
> 73,
>
> Rick Muething, KN6KB
>

798. Re: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-29 23:35:57 UTC
From: KI4TJY
Topic: 744 Message: 798

Rick,
Condolences. Words are never sufficient at times like this. Just know our prayers for your father, you and your family.
Bruce
KI4TJY

Sent from my iPad

On Jan 29, 2011, at 9:11 AM, "Rick Muething" <rmuething@cfl.rr.com> wrote:

>
> Thanks to all those who have expressed their thoughts and prayers. My father (91) passed away peacefully Thursday evening after a long bout with Alzheimer's. As things settle back down I'll be able to spend some time on ham radio again and look forward to it as needed therapy.
>
> Again thank you all for your kind prayers and comments.
>
> 73,
>
> Rick Muething, KN6KB
>

799. Re: [V4Protocol] Re: is group still active

Yahoo group: V4Protocol
Date: 2011-01-30 02:25:00 UTC
From: Jon Maguire
Topic: 744 Message: 799

Our deepest condolences Rick, please know that cherished memories will sustain you through this most difficult of times.

73... Jon W1MNK

On 1/29/2011 9:11 AM, Rick Muething wrote:
>
> Thanks to all those who have expressed their thoughts and prayers. My
> father (91) passed away peacefully Thursday evening after a long bout
> with Alzheimer’s. As things settle back down I’ll be able to spend
> some time on ham radio again and look forward to it as needed therapy.
> Again thank you all for your kind prayers and comments.
> 73,
>
> Rick Muething, KN6KB
>

800. TNC can't open command port

Yahoo group: V4Protocol
Date: 2011-01-30 13:24:48 UTC
From: wa4ujc
Topic: 800 Message: 800

First of all, Rick I am very sorry to hear of your loss. You and your family are in my prayers.

In the last few days the tnc can't open the 8510 command port. I have tied every thing I can think of including removing the program and reinstalling it, but no dice. HELP !

Tnx Charles Davis WA4UJC

801. Anything new

Yahoo group: V4Protocol
Date: 2011-03-03 00:07:16 UTC
From: kirkharding@rocketmail.com
Topic: 801 Message: 801

For some time now, I've been waitng for the next release of V4 Protocol. Acitivity using this mode seems to have diminished. I did work a station this past weekend with V4 and that was the subject of our QSO. So, I'm wondering, has interest wained in using this fine mode?

73,

Kirk, K6KAR
Niceville, FL

802. Re: [V4Protocol] Anything new

Yahoo group: V4Protocol
Date: 2011-03-03 12:00:59 UTC
From: Rick Muething
Topic: 801 Message: 802

Kirk,

I am testing some changes including the addition of the ARQ mode to V4. I had a death in the family last month and have not had much time to work on it. I hope to have the ARQ release out for testing in the next couple of weeks.

Rick Muething, KN6KB

803. Re: [V4Protocol] Anything new

Yahoo group: V4Protocol
Date: 2011-03-03 15:19:34 UTC
From: Yussuf
Topic: 801 Message: 803

We all wait ARQ mode release...
73 "Yussi" OH7TE

2011/3/3 kirkharding@rocketmail.com <kirk.harding@...>

>
>
> For some time now, I've been waitng for the next release of V4 Protocol.
> Acitivity using this mode seems to have diminished. I did work a station
> this past weekend with V4 and that was the subject of our QSO. So, I'm
> wondering, has interest wained in using this fine mode?
>
> 73,
>
> Kirk, K6KAR
> Niceville, FL
>
>
>

--
73's OH7TE Yufenau

804. Re: [V4Protocol] Anything new

Yahoo group: V4Protocol
Date: 2011-03-03 15:33:57 UTC
From: R. Ian Renton
Topic: 801 Message: 804

Looking forward to it!
As always, thanks for all your hard work, Rick.
Ian Renton
W4RIR

On Thu, Mar 3, 2011 at 7:00 AM, Rick Muething <rmuething@cfl.rr.com> wrote:

>
>
> Kirk,
>
> I am testing some changes including the addition of the ARQ mode to V4. I
> had a death in the family last month and have not had much time to work on
> it. I hope to have the ARQ release out for testing in the next couple of
> weeks.
>
> Rick Muething, KN6KB
>
>
>
>

805. Re: [V4Protocol] Anything new

Yahoo group: V4Protocol
Date: 2011-03-07 03:20:20 UTC
From: Harry Britton
Topic: 801 Message: 805

Hi de KB2MEN
I made my first connect to one of the nodes a couple of days ago on 20M. I don't think it was 'copying' when it jumped to the wider mode, though. The throughput was a couple hundred/min I think.
Harry

--- On Wed, 3/2/11, kirkharding@... <kirk.harding@...> wrote:

> From: kirkharding@... <kirk.harding@...>
> Subject: [V4Protocol] Anything new
> To: V4Protocol@yahoogroups.com
> Date: Wednesday, March 2, 2011, 7:07 PM
> For some time now, I've been waitng
> for the next release of V4 Protocol. Acitivity using
> this mode seems to have diminished. I did work a
> station this past weekend with V4 and that was the subject
> of our QSO. So, I'm wondering, has interest wained in
> using this fine mode?
>
> 73,
>
> Kirk, K6KAR
> Niceville, FL
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>   V4Protocol-fullfeatured@yahoogroups.com
>
>
>

806. Testing V4

Yahoo group: V4Protocol
Date: 2011-03-14 02:19:30 UTC
From: ron_werthman
Topic: 806 Message: 806

Hello, I am looking for someone to test V4 with.

807. testing V4

Yahoo group: V4Protocol
Date: 2011-03-26 15:23:31 UTC
From: giustiziare
Topic: 807 Message: 807

Hearing what sounds like V4 on 21071.73 QRZ?

808. Hello ALL..

Yahoo group: V4Protocol
Date: 2011-04-03 13:49:56 UTC
From: wb9mjn
Topic: 808 Message: 808

New member checking in here. Looking for 40 meter contacts probably around 8 to 10 am , and 5 to 6 pm on the weekends. Will be QRV around 7074.5 KHz dial/USB.

Och hej till den nya svenska medlemmen.

73, Don...

809. Re: Hello ALL..

Yahoo group: V4Protocol
Date: 2011-04-03 14:00:39 UTC
From: wb9mjn
Topic: 808 Message: 809

Here is my station setup. Drake TR-7, with mods allowing DRM reception (12 KHz IF output), as well as digital HF modes. to indoor 4 foot diameter magnetic loop antenna (tunes 6200 to 18500 KHz, plus 60 meter with Tin-Foil hat added). Antenna is at 15 feet agl, in a wood frame building. This station has been successful worldwide on JT-65, as well as local 60 meter NVIS and continental range Digitial Voice (Windrm/FDMDV) .

73, Don...

810. Re: [V4Protocol] Re: Hello ALL..

Yahoo group: V4Protocol
Date: 2011-04-04 23:34:51 UTC
From: Harry Britton
Topic: 808 Message: 810

Wow! You need 12kc wide for DRM?
Harry

--- On Sun, 4/3/11, wb9mjn <donver@...> wrote:

> From: wb9mjn <donver@...>
> Subject: [V4Protocol] Re: Hello ALL..
> To: V4Protocol@yahoogroups.com
> Date: Sunday, April 3, 2011, 10:00 AM
>
>
> Here is my station setup. Drake TR-7, with mods
> allowing DRM reception (12 KHz IF output), as well as
> digital HF modes. to indoor 4 foot diameter magnetic loop
> antenna (tunes 6200 to 18500 KHz, plus 60 meter with
> Tin-Foil hat added). Antenna is at 15 feet agl, in a wood
> frame building. This station has been successful worldwide
> on JT-65, as well as local 60 meter NVIS and continental
> range Digitial Voice (Windrm/FDMDV) .
>
> 73, Don...
>
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>   V4Protocol-fullfeatured@yahoogroups.com
>
>
>

811. Re: Hello ALL..

Yahoo group: V4Protocol
Date: 2011-04-05 00:14:36 UTC
From: wb9mjn
Topic: 808 Message: 811

--- In V4Protocol@yahoogroups.com, Harry Britton <harryhydro1962@...> wrote:
>
> Wow! You need 12kc wide for DRM?
> Harry
>
>

Hi Harry,

The 12 KHz refered to is the center of the LO IF. By downconverting to a IF with a range from 0 to 24 KHz, allot of radio techniques can be programmed into the typical PC sound car DSP.

So, the common way to receive the 10 KHz wide DRM broadcasts, is to convert the last IF to 12 KHz, which makes the signal range from 7 to 17 KHz. And even though its in the audio band, its still an RF/IF signal.

There are two softwares that can take that and make it audio, that are commonly used - DREAM and SODIRA.

The DRM voice used on Ham Radio is about 2.5 KHz wide.

The 10 KHz wide DRM broadcasts have a tremendous capability at overcoming multipath. One can see the delay spread of the received signal in the DREAM software. Almost continuous, triangular shaped delay spreads at 5 msec of length are commonly copied. Vatican Radio in the evening (40 or 31 meter bands depending on season), and Radio New Zealand in the morning (on 40 meter) show this response some times of the year.

On the Drake TR-7 I added a second crystal to the BFO, and reprogrammed the switches , so that when in AM, the BFO is still on using the 12 KHz hi crystal, and the detector path is still through the product detector. This signal then goes through an OP amp buffer out to the computer. I use the same circuit for Ham Digital signals. I do not have a 10 KHz wide crystal filter, so resistors are used for that IF bandwidth, and the roofing filters have just about the right bandwidth, albeit not great rejection. So far, its not been a problem.

On Topic,

I did get on V4 on sunday, but late. I was copying KU2A very well, but was very disappointed it required so much signal to be heard. I probably wont be able to make much use of it. As 60 meters does not allow digital modes, and 40 meters NVIS is shut down again (it had a brief opening the weekend before last). Long range contacts require too much power.

I think we may need a 100 Hz wide DRM for me to have good keyboarding with my station. A shame, as I have contacts on JT-65 out to 10000 miles, yet cannot even keyboard to New Hamshire on V4 (or so I am told) with my signal....

812. AW: [V4Protocol] Re: Hello ALL..

Yahoo group: V4Protocol
Date: 2011-04-05 13:32:43 UTC
From: Siegfried Jackstien
Topic: 808 Message: 812

You need 9 or 10 kc bandwidth for receiving commercial drm on short and mediumwave ... with a center of 12kc ....

You switch the rig to am or fm (what gives you the widest filters) ... grab the last 455kc if and downmix it with 467kc (or 443) to 12kc .... feed that in the soundcard and hear errorfree music *g* (with the right software)
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Harry Britton
> Gesendet: Montag, 4. April 2011 23:35
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] Re: Hello ALL..
>
>
>
> Wow! You need 12kc wide for DRM?
> Harry
>
> --- On Sun, 4/3/11, wb9mjn <donver@...
> <mailto:donver%40sbcglobal.net> > wrote:
>
> > From: wb9mjn <donver@... <mailto:donver%40sbcglobal.net> >
> > Subject: [V4Protocol] Re: Hello ALL..
> > To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > Date: Sunday, April 3, 2011, 10:00 AM
> >
> >
> > Here is my station setup. Drake TR-7, with mods
> > allowing DRM reception (12 KHz IF output), as well as
> > digital HF modes. to indoor 4 foot diameter magnetic loop
> > antenna (tunes 6200 to 18500 KHz, plus 60 meter with
> > Tin-Foil hat added). Antenna is at 15 feet agl, in a wood
> > frame building. This station has been successful worldwide
> > on JT-65, as well as local 60 meter NVIS and continental
> > range Digitial Voice (Windrm/FDMDV) .
> >
> > 73, Don...
> >
> >
> >
> >
> >

> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> > V4Protocol-fullfeatured@yahoogroups.com <mailto:V4Protocol-
> fullfeatured%40yahoogroups.com>
> >
> >
> >
>
>
>

813. Getting Started: Frequencies?

Yahoo group: V4Protocol
Date: 2011-04-12 18:48:17 UTC
From: rich3x
Topic: 813 Message: 813

Would someone pse pass along the HF freqs being used for V4 mode.

Thanks, Rich/N2JR

814. Re: [V4Protocol] Getting Started: Frequencies?

Yahoo group: V4Protocol
Date: 2011-04-12 20:13:35 UTC
From: Rick Westerfield
Topic: 813 Message: 814

It is largely catch as catch can. You are better off scheduling something here.

Rick KH2DF

Sent from my iPhone

On Apr 12, 2011, at 1:48 PM, "rich3x" <rh3x@...> wrote:

> Would someone pse pass along the HF freqs being used for V4 mode.
>
> Thanks, Rich/N2JR
>
>

815. Re: [V4Protocol] Getting Started: Frequencies?

Yahoo group: V4Protocol
Date: 2011-04-12 22:19:55 UTC
From: Chuck
Topic: 813 Message: 815

I have not worked with V4 for a while but was active on 14073.0, 14073.5, 7080.0 and 7080.5 in the past.
73;
Chuck, WA7BRL
----- Original Message -----
From: "Rick Westerfield" <r_lwesterfield@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, April 12, 2011 1:13:35 PM
Subject: Re: [V4Protocol] Getting Started: Frequencies?

It is largely catch as catch can. You are better off scheduling something here.

Rick KH2DF

Sent from my iPhone

On Apr 12, 2011, at 1:48 PM, "rich3x" < rh3x@... > wrote:

Would someone pse pass along the HF freqs being used for V4 mode.

Thanks, Rich/N2JR

816. Re: [V4Protocol] Getting Started: Frequencies?

Yahoo group: V4Protocol
Date: 2011-04-12 23:12:47 UTC
From: Ed Woods WD9DVA
Topic: 813 Message: 816

STAY AWAY FROM 7080.5 +/- THATS A RMS AREA. Ed WD9DVA
----- Original Message -----
From: Chuck
To: V4Protocol@yahoogroups.com
Sent: Tuesday, April 12, 2011 22:19
Subject: Re: [V4Protocol] Getting Started: Frequencies?

I have not worked with V4 for a while but was active on 14073.0, 14073.5, 7080.0 and 7080.5 in the past.
73;
Chuck, WA7BRL
----- Original Message -----
From: "Rick Westerfield" <r_lwesterfield@bellsouth.net>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, April 12, 2011 1:13:35 PM
Subject: Re: [V4Protocol] Getting Started: Frequencies?

It is largely catch as catch can. You are better off scheduling something here.

Rick KH2DF

Sent from my iPhone

On Apr 12, 2011, at 1:48 PM, "rich3x" < rh3x@... > wrote:

Would someone pse pass along the HF freqs being used for V4 mode.

Thanks, Rich/N2JR

817. Re: [V4Protocol] Getting Started: Frequencies?

Yahoo group: V4Protocol
Date: 2011-04-13 02:46:36 UTC
From: Ron Werthman
Topic: 813 Message: 817

I call CQ on 7.073 and 14.073 every once and a while let me know if you have a specific time in mind. I have not had a contact using V4 yet.

From: rich3x <rh3x@...>
To: V4Protocol@yahoogroups.com
Sent: Tue, April 12, 2011 2:48:17 PM
Subject: [V4Protocol] Getting Started: Frequencies?

Would someone pse pass along the HF freqs being used for V4 mode.

Thanks, Rich/N2JR

818. Re: [V4Protocol] Getting Started: Frequencies?

Yahoo group: V4Protocol
Date: 2011-04-13 14:07:56 UTC
From: Ed Woods WD9DVA
Topic: 813 Message: 818

when are you qrv?
----- Original Message -----
From: Ron Werthman
To: V4Protocol@yahoogroups.com
Sent: Wednesday, April 13, 2011 02:46
Subject: Re: [V4Protocol] Getting Started: Frequencies?

I call CQ on 7.073 and 14.073 every once and a while let me know if you have a specific time in mind. I have not had a contact using V4 yet.

From: rich3x <rh3x@...>
To: V4Protocol@yahoogroups.com
Sent: Tue, April 12, 2011 2:48:17 PM
Subject: [V4Protocol] Getting Started: Frequencies?

Would someone pse pass along the HF freqs being used for V4 mode.

Thanks, Rich/N2JR

819. Re: Getting Started: Frequencies?

Yahoo group: V4Protocol
Date: 2011-04-13 14:37:47 UTC
From: rich3x
Topic: 813 Message: 819

Thanks all for responding. Seems like 7073 and 14103 are the sweet spots! Now all I need to do is figure out how to call CQ and how to establish a QSO. Will sit on 14103 all day today Wed 4/13 see what happens.

de Rich/N2JR FM18 Va.

--- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@...> wrote:
>
> when are you qrv?
> ----- Original Message -----
> From: Ron Werthman
> To: V4Protocol@yahoogroups.com
> Sent: Wednesday, April 13, 2011 02:46
> Subject: Re: [V4Protocol] Getting Started: Frequencies?
>
>
>
>
> I call CQ on 7.073 and 14.073 every once and a while let me know if you have a specific time in mind. I have not had a contact using V4 yet.
>
>
>
>
> ---
> From: rich3x <rh3x@...>
> To: V4Protocol@yahoogroups.com
> Sent: Tue, April 12, 2011 2:48:17 PM
> Subject: [V4Protocol] Getting Started: Frequencies?
>
>
> Would someone pse pass along the HF freqs being used for V4 mode.
>
> Thanks, Rich/N2JR
>

820. Re: [V4Protocol] Re: Getting Started: Frequencies?

Yahoo group: V4Protocol
Date: 2011-04-13 18:53:39 UTC
From: Ron Werthman
Topic: 813 Message: 820

I just called cq on 14.103 but you may be inside my skip zone @ 480 miles. 40M would prob work better.

From: rich3x <rh3x@...>
To: V4Protocol@yahoogroups.com
Sent: Wed, April 13, 2011 10:37:47 AM
Subject: [V4Protocol] Re: Getting Started: Frequencies?

Thanks all for responding. Seems like 7073 and 14103 are the sweet spots! Now all I need to do is figure out how to call CQ and how to establish a QSO. Will sit on 14103 all day today Wed 4/13 see what happens.

de Rich/N2JR FM18 Va.

--- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@...> wrote:
>
> when are you qrv?
> ----- Original Message -----
> From: Ron Werthman
> To: V4Protocol@yahoogroups.com
> Sent: Wednesday, April 13, 2011 02:46
> Subject: Re: [V4Protocol] Getting Started: Frequencies?
>
>
>
>
> I call CQ on 7.073 and 14.073 every once and a while let me know if you have
>a specific time in mind. I have not had a contact using V4 yet.
>
>
>
>
> ---
> From: rich3x <rh3x@...>
> To: V4Protocol@yahoogroups.com
> Sent: Tue, April 12, 2011 2:48:17 PM
> Subject: [V4Protocol] Getting Started: Frequencies?
>
>
> Would someone pse pass along the HF freqs being used for V4 mode.
>
> Thanks, Rich/N2JR
>

821. Re: [V4Protocol] Getting Started: Frequencies?

Yahoo group: V4Protocol
Date: 2011-04-13 18:54:57 UTC
From: Ron Werthman
Topic: 813 Message: 821

Ottawa ont canada. VA3ACZ

_____
From: Ed Woods WD9DVA <wd9dva@...>
To: V4Protocol@yahoogroups.com
Sent: Wed, April 13, 2011 10:07:56 AM
Subject: Re: [V4Protocol] Getting Started: Frequencies?

☐
when are you qrv?
----- Original Message -----
>From: Ron Werthman
>To: V4Protocol@yahoogroups.com
>Sent: Wednesday, April 13, 2011 02:46
>Subject: Re: [V4Protocol] Getting Started: Frequencies?
>
>
>I call CQ on 7.073 and 14.073 every once and a while let me know if you have
>a specific time in mind. I have not had a contact using V4 yet.
>
>
>
>

_____
From: rich3x <rh3x@comcast.net>
>To: V4Protocol@yahoogroups.com
>Sent: Tue, April 12, 2011 2:48:17 PM
>Subject: [V4Protocol] Getting Started: Frequencies?
>
>
>Would someone pse pass along the HF freqs being used for V4 mode.
>
>Thanks, Rich/N2JR
>
>

822. Re: Getting Started: Frequencies?

Yahoo group: V4Protocol
Date: 2011-04-19 23:32:43 UTC
From: Howard
Topic: 813 Message: 822

--- In V4Protocol@yahoogroups.com, Ron Werthman <ron_werthman@...> wrote:
>
> Ottawa ont canada. VA3ACZ
>
> _____
> From: Ed Woods WD9DVA <wd9dva@...>
> To: V4Protocol@yahoogroups.com
> Sent: Wed, April 13, 2011 10:07:56 AM
> Subject: Re: [V4Protocol] Getting Started: Frequencies?
>
> ï»¿
> when are you qrv?
> ----- Original Message -----
> >From: Ron Werthman
> >To: V4Protocol@yahoogroups.com
> >Sent: Wednesday, April 13, 2011 02:46
> >Subject: Re: [V4Protocol] Getting Started: Frequencies?
> >
> >
> >I call CQ on 7.073 and 14.073 every once and a while let me know if you have
> >a specific time in mind. I have not had a contact using V4 yet.
> >
> _____
> From: rich3x <rh3x@...>
> >To: V4Protocol@yahoogroups.com
> >Sent: Tue, April 12, 2011 2:48:17 PM
> >Subject: [V4Protocol] Getting Started: Frequencies?
> >
> >Would someone pse pass along the HF freqs being used for V4 mode.
> >
> >Thanks, Rich/N2JR

There is no real active use of the application at the moment it seems. The protocol is really an FEC mode which doesn't have ARQ capability. It was in use for a while, then slowly died off while we waited for the issue of a new and improved program.

I just received my QST today, and found an announcement about Rick and a short overview of the protocol and how to join this group and download the program. As yet, I have not seen the next upgrade but it probably won't be long now before it appears.

Otherwise, go into the file section and download the full install to get your feet wet. The two frequencies mentioned are as good as any. I'd just post your intentions here with whatever frequency listed that you want to use at the moment and then monitor for a connection.

Howard W6IDS
Richmond, IN EM79NV

823. Re: [V4Protocol] Re: Getting Started: Frequencies?

Yahoo group: V4Protocol
Date: 2011-04-20 06:59:34 UTC
From: Ian Wade G3NRW
Topic: 813 Message: 823

From: rich3x <rh3x@...>
Date: Wed, 13 Apr 2011 Time: 14:37:47

>Thanks all for responding. Seems like 7073 and 14103 are the sweet
>spots! Now all I need to do is figure out how to call CQ and how to
>establish a QSO. Will sit on 14103 all day today Wed 4/13 see what
>happens.
>
>de Rich/N2JR FM18 Va.
>

Hi Rich

The place to go to arrange skeds is:

http://www.obriensweb.com/sked/index.php?page=digital

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

824. Re: [V4Protocol] Re: Getting Started: Frequencies?

Yahoo group: V4Protocol
Date: 2011-04-20 20:29:20 UTC
From: Ron Werthman
Topic: 813 Message: 824

Now. Been calling cq on 14.073 for a few hours now.

Sent from my iPod

On 2011-04-19, at 7:32 PM, "Howard" <w6ids@...> wrote:

>
>
> --- In V4Protocol@yahoogroups.com, Ron Werthman <ron_werthman@...> wrote:
> >
> > Ottawa ont canada. VA3ACZ
> >
> > _____
> > From: Ed Woods WD9DVA <wd9dva@...>
> > To: V4Protocol@yahoogroups.com
> > Sent: Wed, April 13, 2011 10:07:56 AM
> > Subject: Re: [V4Protocol] Getting Started: Frequencies?
> >
> > ï»¿
> > when are you qrv?
> > ----- Original Message -----
> > >From: Ron Werthman
> > >To: V4Protocol@yahoogroups.com
> > >Sent: Wednesday, April 13, 2011 02:46
> > >Subject: Re: [V4Protocol] Getting Started: Frequencies?
> > >
> > >
> > >I call CQ on 7.073 and 14.073 every once and a while let me know if you have
> > >a specific time in mind. I have not had a contact using V4 yet.
> > >
> > > _____
> > > From: rich3x <rh3x@...>
> > > >To: V4Protocol@yahoogroups.com
> > > >Sent: Tue, April 12, 2011 2:48:17 PM
> > > >Subject: [V4Protocol] Getting Started: Frequencies?
> > > >
> > > >Would someone pse pass along the HF freqs being used for V4 mode.
> > > >
> > > >Thanks, Rich/N2JR
>
> There is no real active use of the application at the moment it seems. The protocol is
really an FEC mode which doesn't have ARQ capability. It was in use for a while, then
slowly died off while we waited for the issue of a new and improved program.
>
> I just received my QST today, and found an announcement about Rick and a short overview
of the protocol and how to join this group and download the program. As yet, I have not

seen the next upgrade but it probably won't be long now before it appears.
>
> Otherwise, go into the file section and download the full install to get your feet wet. The two frequencies mentioned are as good as any. I'd just post your intentions here with whatever frequency listed that you want to use at the moment and then monitor for a connection.
>
> Howard W6IDS
> Richmond, IN EM79NV
>
>

825. Re: Getting Started: Frequencies?

Yahoo group: V4Protocol
Date: 2011-04-22 03:34:52 UTC
From: Robert Belize
Topic: 813 Message: 825

I would love to test the 200Hz ARQ mode.
Rick, please let us know...say something...please...
Robert V31AE

--- In V4Protocol@yahoogroups.com, "Howard" <w6ids@...> wrote:
>
>
>
> --- In V4Protocol@yahoogroups.com, Ron Werthman <ron_werthman@> wrote:
> >
> > Ottawa ont canada. VA3ACZ
> >
> > _____
> > From: Ed Woods WD9DVA <wd9dva@>
> > To: V4Protocol@yahoogroups.com
> > Sent: Wed, April 13, 2011 10:07:56 AM
> > Subject: Re: [V4Protocol] Getting Started: Frequencies?
> >
> > ï»¿
> > when are you qrv?
> > ----- Original Message -----
> > >From: Ron Werthman
> > >To: V4Protocol@yahoogroups.com
> > >Sent: Wednesday, April 13, 2011 02:46
> > >Subject: Re: [V4Protocol] Getting Started: Frequencies?
> > >
> > >
> > >I call CQ on 7.073 and 14.073 every once and a while let me know if you have
> > >a specific time in mind. I have not had a contact using V4 yet.
> > >
> > > _____
> > > From: rich3x <rh3x@>
> > > >To: V4Protocol@yahoogroups.com
> > > >Sent: Tue, April 12, 2011 2:48:17 PM
> > > >Subject: [V4Protocol] Getting Started: Frequencies?
> > > >
> > > >Would someone pse pass along the HF freqs being used for V4 mode.
> > > >
> > > >Thanks, Rich/N2JR
>
>
>
> There is no real active use of the application at the moment it seems. The protocol is really an FEC mode which doesn't have ARQ capability. It was in use for a while, then slowly died off while we waited for the issue of a new and improved program.

>
> I just received my QST today, and found an announcement about Rick and a short overview of the protocol and how to join this group and download the program. As yet, I have not seen the next upgrade but it probably won't be long now before it appears.
>
> Otherwise, go into the file section and download the full install to get your feet wet. The two frequencies mentioned are as good as any. I'd just post your intentions here with whatever frequency listed that you want to use at the moment and then monitor for a connection.
>
> Howard W6IDS
> Richmond, IN EM79NV
>

826. ARQ Mode in V4 not available

Yahoo group: V4Protocol
Date: 2011-04-22 10:42:53 UTC
From: Russ Tower
Topic: 826 Message: 826

Russ Tower
russtower@...
2011-04-22
06:39:52

I got the impression that the ARQ mode was operative when I read about V4 in QST. This is the reason I joined the group and downloaded it.
Russ - K1DOW

827. Re: [V4Protocol] ARQ Mode in V4 not available

Yahoo group: V4Protocol
Date: 2011-04-22 12:06:17 UTC
From: Rick Muething
Topic: 826 Message: 827

Russ,

I am still testing the ARQ mode here. I have been swamped the past couple of months by family issues. Hopefully will get back on it soon.

Part the the problem with good software is like wine it takes time!

Rick KN6KB

From: Russ Tower
Sent: Friday, April 22, 2011 6:42 AM
To: V4Protocol
Subject: [V4Protocol] ARQ Mode in V4 not available

Russ Tower
russtower@...
2011-04-22
06:39:52

I got the impression that the ARQ mode was operative when I read about V4 in QST. This is the reason I joined the group and downloaded it.
Russ - K1DOW

828. Re: [V4Protocol] Re: Getting Started: Frequencies?

Yahoo group: V4Protocol
Date: 2011-04-22 13:56:58 UTC
From: Ted Trostle
Topic: 813 Message: 828

I finally got V4 working with my Flex 3000 and would like to do some QSO tests. I am in central PA so 7073 will probably be OK

Email me direct please.

Ted, WB2LOU

On Wed, Apr 13, 2011 at 2:53 PM, Ron Werthman <ron_werthman@...> wrote:

>
>
> I just called cq on 14.103 but you may be inside my skip zone @ 480 miles.
> 40M would prob work better.
>
>
>
> ------------------------------
> *From:* rich3x <rh3x@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Wed, April 13, 2011 10:37:47 AM
> *Subject:* [V4Protocol] Re: Getting Started: Frequencies?
>
>
>
> Thanks all for responding. Seems like 7073 and 14103 are the sweet spots!
> Now all I need to do is figure out how to call CQ and how to establish a
> QSO. Will sit on 14103 all day today Wed 4/13 see what happens.
>
> de Rich/N2JR FM18 Va.
>
> --- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@...> wrote:
> >
> > when are you qrv?
> > ----- Original Message -----
> > From: Ron Werthman
> > To: V4Protocol@yahoogroups.com
> > Sent: Wednesday, April 13, 2011 02:46
> > Subject: Re: [V4Protocol] Getting Started: Frequencies?
> >
> >
> >
> >
> > I call CQ on 7.073 and 14.073 every once and a while let me know if you
> have a specific time in mind. I have not had a contact using V4 yet.
> >
> >

> >
> >
> > ---
> > From: rich3x <rh3x@...>
> > To: V4Protocol@yahoogroups.com
> > Sent: Tue, April 12, 2011 2:48:17 PM
> > Subject: [V4Protocol] Getting Started: Frequencies?
> >
> >
> > Would someone pse pass along the HF freqs being used for V4 mode.
> >
> > Thanks, Rich/N2JR
> >
>
>
>

--
You cannot change history, but you can make history!
Education is the only legal cure for stupidity.

829. Re: [V4Protocol] Re: Getting Started: Frequencies?

Yahoo group: V4Protocol
Date: 2011-04-22 14:40:30 UTC
From: Ron Werthman
Topic: 813 Message: 829

I will be monotoring 7.073 on and off for the rest of the day. If you send
email with a time I will monitor more closely at that time.

From: Ted Trostle <tctrostle@...>
To: V4Protocol@yahoogroups.com
Sent: Fri, April 22, 2011 9:56:58 AM
Subject: Re: [V4Protocol] Re: Getting Started: Frequencies?

I finally got V4 working with my Flex 3000 and would like to do some QSO tests.
I am in central PA so 7073 will probably be OK

Email me direct please.

Ted, WB2LOU

On Wed, Apr 13, 2011 at 2:53 PM, Ron Werthman <ron_werthman@...> wrote:

>I just called cq on 14.103 but you may be inside my skip zone @ 480 miles. 40M
>would prob work better.
>
>
>
>
>
>
>

From: rich3x <rh3x@...>
>To: V4Protocol@yahoogroups.com
>Sent: Wed, April 13, 2011 10:37:47 AM
>Subject: [V4Protocol] Re: Getting Started: Frequencies?
>
>
>
>Thanks all for responding. Seems like 7073 and 14103 are the sweet spots! Now
>all I need to do is figure out how to call CQ and how to establish a QSO. Will
>sit on 14103 all day today Wed 4/13 see what happens.
>
>de Rich/N2JR FM18 Va.
>
>--- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@...> wrote:
>>
>> when are you qrv?
>> ----- Original Message -----
>> From: Ron Werthman

>> To: V4Protocol@yahoogroups.com
>> Sent: Wednesday, April 13, 2011 02:46
>> Subject: Re: [V4Protocol] Getting Started: Frequencies?
>>
>>
>>
>>
>> I call CQ on 7.073 and 14.073 every once and a while let me know if you have
>>a specific time in mind. I have not had a contact using V4 yet.
>>
>>
>>
>>
>> ----------
>> From: rich3x <rh3x@...>
>> To: V4Protocol@yahoogroups.com
>> Sent: Tue, April 12, 2011 2:48:17 PM
>> Subject: [V4Protocol] Getting Started: Frequencies?
>>
>>
>> Would someone pse pass along the HF freqs being used for V4 mode.
>>
>> Thanks, Rich/N2JR
>>
>
>

--
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830. Re: Re: [V4Protocol] ARQ Mode in V4 not available

Yahoo group: V4Protocol
Date: 2011-04-22 15:20:54 UTC
From: Russ Tower
Topic: 830 Message: 830

Russ Tower
russtower@gmail.com
2011-04-22
11:18:51

Thanks for the quick reply and explanation, Rick. I understand. Know that what you do is appreciated. - Russ - K1DOW

V4Protocol
V4Protocol@yahoogroups.com
2011-04-22
08:06:17

Re: [V4Protocol] ARQ Mode in V4 not available

Russ,

I am still testing the ARQ mode here. I have been swamped the past couple of months by family issues. Hopefully will get back on it soon.

Part the the problem with good software is like wine it takes time!

Rick KN6KB

From: Russ Tower
Sent: Friday, April 22, 2011 6:42 AM
To: V4Protocol
Subject: [V4Protocol] ARQ Mode in V4 not available

Russ Tower
russtower@gmail.com
2011-04-22
06:39:52

I got the impression that the ARQ mode was operative when I read about V4 in QST. This is the reason I joined the group and downloaded it.
Russ - K1DOW

831. Arq Mode

Yahoo group: V4Protocol
Date: 2011-04-22 16:22:19 UTC
From: Lee
Topic: 831 Message: 831

Any idea when ARQ mode might be available?

832. V4

Yahoo group: V4Protocol
Date: 2011-04-22 16:24:34 UTC
From: Jerry Rappel
Topic: 831 Message: 832

Where do I download the software?

Thanks,

Jerry WWØE

833. Re: [V4Protocol] V4

Yahoo group: V4Protocol
Date: 2011-04-22 16:31:04 UTC
From: Ted Trostle
Topic: 831 Message: 833

You have to join the yahoo V4Protocal group and then upon approval go to files section and download it..it is near the bottom of the list and has Dec 2010 date

Ted WB2LOU

On Fri, Apr 22, 2011 at 12:24 PM, Jerry Rappel <ww0e@...> wrote:

>
>
> Where do I download the software?
>
> Thanks,
>
>
> Jerry WWØE
>
>
>

--
You cannot change history, but you can make history!
Education is the only legal cure for stupidity.

834. RE: [V4Protocol] V4

Yahoo group: V4Protocol
Date: 2011-04-22 16:50:26 UTC
From: Jerry Rappel
Topic: 831 Message: 834

I am a member of the group.

Jerry WWØE

To: V4Protocol@yahoogroups.com
From: tctrostle@...
Date: Fri, 22 Apr 2011 12:31:04 -0400
Subject: Re: [V4Protocol] V4

You have to join the yahoo V4Protocal group and then upon approval go to files section and download it..it is near the bottom of the list and has Dec 2010 date

Ted WB2LOU

On Fri, Apr 22, 2011 at 12:24 PM, Jerry Rappel <ww0e@...> wrote:

Where do I download the software?

Thanks,

Jerry WWØE

--
You cannot change history, but you can make history!
Education is the only legal cure for stupidity.

835. RE: [V4Protocol] V4

Yahoo group: V4Protocol
Date: 2011-04-22 16:54:29 UTC
From: Jerry Rappel
Topic: 831 Message: 835

I clicked on members, nothing.
How do I download this software?
Is there another site?

Jerry WWØE

From: ww0e@...
To: v4protocol@yahoogroups.com; tctrostle@...
Subject: RE: [V4Protocol] V4
Date: Fri, 22 Apr 2011 16:50:26 +0000

I am a member of the group.

Jerry WWØE

To: V4Protocol@yahoogroups.com
From: tctrostle@...
Date: Fri, 22 Apr 2011 12:31:04 -0400
Subject: Re: [V4Protocol] V4

You have to join the yahoo V4Protocal group and then upon approval go to files section and download it..it is near the bottom of the list and has Dec 2010 date

Ted WB2LOU

On Fri, Apr 22, 2011 at 12:24 PM, Jerry Rappel <ww0e@...> wrote:

Where do I download the software?

Thanks,

Jerry WWØE

--
You cannot change history, but you can make history!
Education is the only legal cure for stupidity.

836. Re: [V4Protocol] V4

Yahoo group: V4Protocol
Date: 2011-04-22 17:00:48 UTC
From: Tom Brown N4TAB
Topic: 831 Message: 836

Left menu under files. Click and D/L the installation files. Read the
in-depth help file.

Tom N4TAB

~~~~~~~~~~~~

On 4/22/2011 12:54 PM, Jerry Rappel wrote:
>
> I clicked on members, nothing.
> How do I download this software?
> Is there another site?
>
>
> Jerry WW?E
>
>
>
>
>
>
> ---
> From: ww0e@...
> To: v4protocol@yahoogroups.com; tctrostle@...
> Subject: RE: [V4Protocol] V4
> Date: Fri, 22 Apr 2011 16:50:26 +0000
>
> I am a member of the group.
>
>
> Jerry WW?E
>
>
>
>
>
>
> ---
> To: V4Protocol@yahoogroups.com
> From: tctrostle@...
> Date: Fri, 22 Apr 2011 12:31:04 -0400
> Subject: Re: [V4Protocol] V4
>
> You have to join the yahoo V4Protocal group and then upon approval go
> to files section and download it..it is near the bottom of the list
> and has Dec 2010 date
>
> Ted WB2LOU
~~~~~~~~~~~~

>
>
> On Fri, Apr 22, 2011 at 12:24 PM, Jerry Rappel <ww0e@...
> <mailto:ww0e@...>> wrote:
>
>
>
> --
> You cannot change history, but you can make history!
> Education is the only legal cure for stupidity.
>
>
>

837. Re: [V4Protocol] V4

Yahoo group: V4Protocol
Date: 2011-04-22 17:20:55 UTC
From: n7nms@yahoo.com
Topic: 831 Message: 837

Jerry
It is in the files section of the V4 yahoo group page.
Sent from my U.S. Cellular BlackBerry® smartphone

-----Original Message-----
From: Jerry Rappel <ww0e@q.com>
Sender: V4Protocol@yahoogroups.com
Date: Fri, 22 Apr 2011 16:24:34
To: <v4protocol@yahoogroups.com>
Reply-To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4

Where do I download the software?

Thanks,

Jerry WWØE

838. Re: [V4Protocol] V4

Yahoo group: V4Protocol
Date: 2011-04-22 17:22:43 UTC
From: Ian Wade G3NRW
Topic: 831 Message: 838

From: Jerry Rappel <ww0e@...>
Date: Fri, 22 Apr 2011 Time: 16:54:29

>I clicked on members, nothing.
>How do I download this software?
>Is there another site?
>
>Jerry WWØE
>

Jerry,

As Ted said, you go to the Files section of the V4Protocol group to find
the software.

BUT

Yahoo groups has a quirk that won't let you do this when you first
register with a group. You have to log out of the group then login
again. THEN you should be able to find the file.

Intuitive, huh?

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

839. First Try Successful

Yahoo group: V4Protocol
Date: 2011-04-22 18:32:33 UTC
From: wb2lou
Topic: 839 Message: 839

Today I jumped into this V4 Chat mode and after some miss steps I was able to make a contact on 40 as well as 20 mtrs. Things went well, but there are few things I need to understand, but that will come. The QSO's were neat and fun with pretty good reliability. When the ARQ function released I suspect it will be much better.

This digital stuff is really FUN!!

840. Re: [V4Protocol] First Try Successful

Yahoo group: V4Protocol
Date: 2011-04-22 20:20:44 UTC
From: karel Fassotte
Topic: 839 Message: 840

Hello on what frequency are you using?
I will be listening on 14.073Mhz.
greetings
Karel
HC1AKP

2011/4/22 wb2lou <tctrostle@...>

>
>
> Today I jumped into this V4 Chat mode and after some miss steps I was able
> to make a contact on 40 as well as 20 mtrs. Things went well, but there are
> few things I need to understand, but that will come. The QSO's were neat and
> fun with pretty good reliability. When the ARQ function released I suspect
> it will be much better.
>
> This digital stuff is really FUN!!
>
>
>

841. Software

Yahoo group: V4Protocol
Date: 2011-04-22 20:34:05 UTC
From: islandmagee@btinternet.com
Topic: 841 Message: 841

Hi

Just joined the group.

Where can I find the latest software ?

I've had a look around but can't see anything that may be it.

73 from Norn Iron

John

GI8IZB/GI0HWO/EI7JO
Islandmagee, County Antrim

842. Re: [V4Protocol] Software

Yahoo group: V4Protocol
Date: 2011-04-22 21:16:33 UTC
From: karel Fassotte
Topic: 841 Message: 842

Hello all,
I heard several station on 14.073Mhz. but too short to arrange my antenna system.
V4 FEC.
greetings
Karel
HC1AKP

2011/4/22 islandmagee@btinternet.com <islandmagee@...>

>
>
> Hi
>
> Just joined the group.
>
> Where can I find the latest software ?
>
> I've had a look around but can't see anything that may be it.
>
> 73 from Norn Iron
>
> John
>
> GI8IZB/GI0HWO/EI7JO
> Islandmagee, County Antrim
>
>
>

843. Re: [V4Protocol] Software

Yahoo group: V4Protocol
Date: 2011-04-22 21:18:49 UTC
From: karel Fassotte
Topic: 841 Message: 843

I heard WA2LTH.
Karel
HC1AKP

2011/4/22 karel Fassotte <karel.fassotte@gmail.com>

> Hello all,
> I heard several station on 14.073Mhz. but too short to arrange my antenna
> system.
> V4 FEC.
> greetings
> Karel
> HC1AKP
>
> 2011/4/22 islandmagee@... <islandmagee@...>
>
>
>>
>> Hi
>>
>> Just joined the group.
>>
>> Where can I find the latest software ?
>>
>> I've had a look around but can't see anything that may be it.
>>
>> 73 from Norn Iron
>>
>> John
>>
>> GI8IZB/GI0HWO/EI7JO
>> Islandmagee, County Antrim
>>
>>
>>
>
>

844. V4 on 18105.0

Yahoo group: V4Protocol
Date: 2011-04-22 21:40:25 UTC
From: Russell Blair
Topic: 844 Message: 844

<:avglsdata id=avglsdata>
I have moved to 18105 USB V4

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457
EPC #13477

845. Re: V4 on 18105.0

Yahoo group: V4Protocol
Date: 2011-04-22 23:12:15 UTC
From: karel Fassotte
Topic: 844 Message: 845

Russel NC5O I have received you on 14.073 this afternoon in Quito, Ecuador
HC1AKP
73
Karel

846. Re: [V4Protocol] Re: V4 on 18105.0

Yahoo group: V4Protocol
Date: 2011-04-22 23:16:40 UTC
From: Russell Blair
Topic: 844 Message: 846

<:avglsdata id=avglsdata>I moved because of the qrn is over S9 to S10.

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457
EPC #13477

_____
From: karel Fassotte <karel.fassotte@...>
To: V4Protocol@yahoogroups.com
Sent: Fri, April 22, 2011 6:12:15 PM
Subject: [V4Protocol] Re: V4 on 18105.0

Russel NC5O I have received you on 14.073 this afternoon in Quito, Ecuador
HC1AKP
73
Karel

847. Creating Brag File

Yahoo group: V4Protocol
Date: 2011-04-23 01:44:28 UTC
From: John Dvorack
Topic: 847 Message: 847

Has anyone tried to create a brag file? I have tried the user files,
but not sure if I have to create a new folder.....My paste and send buttons are dimmed out...

Thanks for any help!

73's
John (KD8BIN)

848. Re: [V4Protocol] to send a message

Yahoo group: V4Protocol
Date: 2011-04-23 01:56:41 UTC
From: Russell Blair
Topic: 847 Message: 848

John, to send u need to do a (ctrl/enter) you can type your messag in the lower window and hit Ctrl-enter to send it.

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457
EPC #13477

From: John Dvorack <jobrit@...>
To: V4Protocol@yahoogroups.com
Sent: Fri, April 22, 2011 8:44:28 PM
Subject: [V4Protocol] Creating Brag File

Has anyone tried to create a brag file? I have tried the user files, but not sure if I have to create a new folder.....My paste and send buttons are dimmed out...

Thanks for any help!

73's
John (KD8BIN)

849. Re: [V4Protocol] Creating Brag File

Yahoo group: V4Protocol
Date: 2011-04-23 02:25:03 UTC
From: Ron Werthman
Topic: 847 Message: 849

Paste and send are grayed out when in MON mode change to FEC mode and you will be OK

From: John Dvorack <jobrit@...>
To: V4Protocol@yahoogroups.com
Sent: Fri, April 22, 2011 9:44:28 PM
Subject: [V4Protocol] Creating Brag File

Has anyone tried to create a brag file? I have tried the user files, but not sure if I have to create a new folder.....My paste and send buttons are dimmed out...

Thanks for any help!

73's
John (KD8BIN)

850. RE: [V4Protocol] Creating Brag File

Yahoo group: V4Protocol
Date: 2011-04-23 05:13:00 UTC
From: Lee Swanson
Topic: 847 Message: 850

I assume that by using the edit feature in the V4 Chat program for creating an outgoing CQ message that you do not need to create a new folder, just the brag file and give it a name and then simply double click on the file icon when you select paste and send. Should work just fine, all that changes is the data from a CQ to a standard brag info file......or did I miss something...

To: V4Protocol@yahoogroups.com
From: jobrit@...
Date: Sat, 23 Apr 2011 01:44:28 +0000
Subject: [V4Protocol] Creating Brag File

Has anyone tried to create a brag file? I have tried the user files,

but not sure if I have to create a new folder.....My paste and send buttons are dimmed out...

Thanks for any help!

73's

John (KD8BIN)

851. Re: [V4Protocol] Creating Brag File

Yahoo group: V4Protocol
Date: 2011-04-23 15:14:52 UTC
From: karel Fassotte
Topic: 847 Message: 851

You may also simple copy and past a CQ in the send window. Then cntrl/enter.
I cannot transmit on 14.073 but will, be receiving.
greetings
Karel
HC1AKP

2011/4/23 Lee Swanson <nr5g@...>

>
>
> I assume that by using the edit feature in the V4 Chat program for creating
> an outgoing CQ message that you do not need to create a new folder, just the
> brag file and give it a name and then simply double click on the file icon
> when you select paste and send. Should work just fine, all that changes is
> the data from a CQ to a standard brag info file......or did I miss
> something...
>
>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: jobrit@...
> Date: Sat, 23 Apr 2011 01:44:28 +0000
>
> Subject: [V4Protocol] Creating Brag File
>
>
> Has anyone tried to create a brag file? I have tried the user files,
> but not sure if I have to create a new folder.....My paste and send buttons
> are dimmed out...
>
> Thanks for any help!
>
> 73's
> John (KD8BIN)
>
>
>
>

852. Help Files

Yahoo group: V4Protocol
Date: 2011-04-24 01:37:21 UTC
From: tongyham25
Topic: 852 Message: 852

I can't open the Help Files of V4 CHAT nor V4 Sound Card TNC. Running XP 32 bit. I checked the Properties and the Help files are not blocked.
Anyone?
Tnx,
George WB0ZYU

853. Re: Creating Brag File

Yahoo group: V4Protocol
Date: 2011-04-24 02:07:26 UTC
From: John Dvorack
Topic: 847 Message: 853

Thanks for the info guys...I will give it a shot..

73's to all
John (KD8BIN)

--- In V4Protocol@yahoogroups.com, Lee Swanson <nr5g@...> wrote:
>
>
> I assume that by using the edit feature in the V4 Chat program for creating an outgoing CQ message that you do not need to create a new folder, just the brag file and give it a name and then simply double click on the file icon when you select paste and send. Should work just fine, all that changes is the data from a CQ to a standard brag info file......or did I miss something...
>
>
> To: V4Protocol@yahoogroups.com
> From: jobrit@...
> Date: Sat, 23 Apr 2011 01:44:28 +0000
> Subject: [V4Protocol] Creating Brag File
>
>
>

>
>
> Has anyone tried to create a brag file? I have tried the user files,
>
> but not sure if I have to create a new folder.....My paste and send buttons are dimmed out...
>
>
>
> Thanks for any help!
>
>
>
> 73's
>
> John (KD8BIN)
>

854. Re: [V4Protocol] Help Files

Yahoo group: V4Protocol
Date: 2011-04-24 10:35:42 UTC
From: Ted Trostle
Topic: 852 Message: 854

It would seem to me that the V4 zip did not fully unzip and/or that the set up parameters are not correct. The TNC should be there everytime. I would remove and unzip it and run it's "setup" file.

On Sat, Apr 23, 2011 at 9:37 PM, tongyham25 <gedunn@...> wrote:

>
>
> I can't open the Help Files of V4 CHAT nor V4 Sound Card TNC. Running XP 32
> bit. I checked the Properties and the Help files are not blocked.
> Anyone?
> Tnx,
> George WB0ZYU
>
>
>

--
You cannot change history, but you can make history!
Education is the only legal cure for stupidity.

855. Software

Yahoo group: V4Protocol
Date: 2011-04-24 10:55:03 UTC
From: islandmagee@btinternet.com
Topic: 841 Message: 855

Can anyone tell me what the latest version is and where I can download it from.

Many Thanks

John - GI0HWO

856. Re: [V4Protocol] Software

Yahoo group: V4Protocol
Date: 2011-04-24 12:16:48 UTC
From: Russell Blair
Topic: 841 Message: 856

My is ver 0.1.7.0 and it on the V4Protocol yahoogroups file section and its zipped.

Russell NC5O

" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457
EPC #13477

From: "islandmagee@..." <islandmagee@btinternet.com>
To: V4Protocol@yahoogroups.com
Sent: Sun, April 24, 2011 5:55:03 AM
Subject: [V4Protocol] Software

Can anyone tell me what the latest version is and where I can download it from.

Many Thanks

John - GI0HWO

857. 18105 UBS

Yahoo group: V4Protocol
Date: 2011-04-24 12:26:21 UTC
From: Russell Blair
Topic: 857 Message: 857

<:avglsdata id=avglsdata>
I'm on 18105 now V4 mode.

Russell NC5O
 " IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457
EPC #13477

858. worked some dx V4

Yahoo group: V4Protocol
Date: 2011-04-24 13:03:30 UTC
From: Russell Blair
Topic: 858 Message: 858

<:avglsdata id=avglsdata>
I just worked oz1pmx on 18105 with my 100w nice qso

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457
EPC #13477

859. Moved from 18105

Yahoo group: V4Protocol
Date: 2011-04-24 14:22:40 UTC
From: Russell Blair
Topic: 859 Message: 859

<:avglsdata id=avglsdata>
I have moved from 18105 and all the rtty to 18090 sounds better for now ..

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457
EPC #13477

860. Re: [V4Protocol]

Yahoo group: V4Protocol
Date: 2011-04-24 14:53:30 UTC
From: F S
Topic: 859 Message: 860

tried V4 out yesterday. worked well, QSO with WA2LTH on 14,073

Program communicated well, but for some strange reason portions of my send seemed to be interlaced with the incoming traffic. Portions were repeated. Is that just happening to me or a flaw in the program?

Frank WA5VCS EM50cg

861. Re: [V4Protocol]

Yahoo group: V4Protocol
Date: 2011-04-24 14:58:29 UTC
From: Ed Woods WD9DVA
Topic: 861 Message: 861

DITTO WA2LTH ON 7073 @ 231943Z HAD SOME GOOD 90-100 READINGS ON THE CONSTELLATION.ED WD9DVA
----- Original Message -----
From: F S
To: V4Protocol@yahoogroups.com
Sent: Sunday, April 24, 2011 14:53
Subject: Re: [V4Protocol]

tried V4 out yesterday. worked well, QSO with WA2LTH on 14,073

Program communicated well, but for some strange reason portions of my send seemed to be interlaced with the incoming traffic. Portions were repeated. Is that just happening to me or a flaw in the program?

Frank WA5VCS EM50cg

862. Re: [V4Protocol] Help Files

Yahoo group: V4Protocol
Date: 2011-04-24 16:20:09 UTC
From: George Dunn
Topic: 852 Message: 862

Ted,
I removed V4 Chat etc and reloaded it (unzipped). Same experience, unable to access Help. I went into Windows Explorer and tried to open the V4Chat Help files and got a popup. Connot open the file mk:@MSITStore:C:\V4CHAT\V4 tnc Help.chm. Now What?
Thanks,
George

863. Help Files

Yahoo group: V4Protocol
Date: 2011-04-24 18:17:18 UTC
From: tongyham25
Topic: 852 Message: 863

To All,
Downloaded the files to a different PC. Help files working fine. Must be a larger problem with my HF PC. Sorry to have bothered you.
Thanks and 73's
George
WB0ZYU

864. I'm QRV on 18090

Yahoo group: V4Protocol
Date: 2011-04-24 21:51:28 UTC
From: Russell Blair
Topic: 864 Message: 864

<:avglsdata id=avglsdata>
Just got off D-Star and back on V4 18090.

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457
EPC #13477

865. RE: [V4Protocol] I'm QRV on 18090

Yahoo group: V4Protocol
Date: 2011-04-24 22:07:02 UTC
From: Matt Zilmer
Topic: 864 Message: 865

heard *someone* on .090, I'm on 92.5. There is Cw right next to 090.

matt W6NIA

To: V4Protocol@yahoogroups.com
From: russell_blair86@...
Date: Sun, 24 Apr 2011 14:51:28 -0700
Subject: [V4Protocol] I'm QRV on 18090

<:avglsdata id=avglsdata>

Just got off D-Star and back on V4 18090.

Russell NC5O

" IN GOD WE TRUST "

Russell Blair (NC5O)

Skype-Russell.Blair

Hell Field #300

DRCC #55

30m Dig-group #693

Digital Mode Club #03198

BARTG #8457

EPC #13477

866. V4 Frequencies

Yahoo group: V4Protocol
Date: 2011-04-25 12:52:16 UTC
From: wb2lou
Topic: 333 Message: 866

Has there been a standardized list of frequencies set? I know and use 7073, 14073, 18.090, and 18.105, but it just seems that we can use any freq within the CW/RTTY regions.

But then may be there should be an operating freq range consensus for each band. Unlike RTTY and CW which are easily recognized, our mixed modes of digital signals are not, so having a set range would help our testing and enjoyment of the QSO's

867. Re: V4 Frequencies

Yahoo group: V4Protocol
Date: 2011-04-25 18:43:11 UTC
From: Robert Belize
Topic: 333 Message: 867

Why not using *73 dial on each band? I remember it was the calling frequency for amtor/ pactor in the 80's
Robert V31AE

--- In V4Protocol@yahoogroups.com, "wb2lou" <tctrostle@...> wrote:
>
> Has there been a standardized list of frequencies set? I know and use 7073, 14073, 18.090, and 18.105, but it just seems that we can use any freq within the CW/RTTY regions.
>
> But then may be there should be an operating freq range consensus for each band. Unlike RTTY and CW which are easily recognized, our mixed modes of digital signals are not, so having a set range would help our testing and enjoyment of the QSO's
>

868. Re: [V4Protocol] Re: V4 Frequencies

Yahoo group: V4Protocol
Date: 2011-04-25 18:53:53 UTC
From: Ted Trostle
Topic: 333 Message: 868

Ok not a bad suggestion, if I follow your idea. However, do we want to get all jammed up on a single "73" freq.

May be I do not understand how much BW a V4 4FSK signal takes.

On Mon, Apr 25, 2011 at 2:43 PM, Robert Belize <robertbelize@...>wrote:

>
>
> Why not using *73 dial on each band? I remember it was the calling
> frequency for amtor/ pactor in the 80's
> Robert V31AE
>
>
> --- In V4Protocol@yahoogroups.com, "wb2lou" <tctrostle@...> wrote:
> >
> > Has there been a standardized list of frequencies set? I know and use
> 7073, 14073, 18.090, and 18.105, but it just seems that we can use any freq
> within the CW/RTTY regions.
> >
> > But then may be there should be an operating freq range consensus for
> each band. Unlike RTTY and CW which are easily recognized, our mixed modes
> of digital signals are not, so having a set range would help our testing and
> enjoyment of the QSO's
> >
>
>
>

--
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869. Re: [V4Protocol] Re: V4 Frequencies

Yahoo group: V4Protocol
Date: 2011-04-25 19:25:11 UTC
From: W6IDS
Topic: 333 Message: 869

Take into account propagation perhaps. Take turns - it's FEC
now anyway so you'll be able to copy any transmission freely.
It's no different than RTTY per se.

There's not that many people using the Protocol so rather than
use a "hit 'n miss" approach to finding someone (as if there were
a lot to target) just use one frequency. That also gives others a
good point of reference and a known spot to check/call. When
lots more people become users, everything may spread out like
with other protocls and modes. so that others will also have
a point of reference.

There's no such thing as "standardized freqs." You'd just be
starting a simple "watering hole" for all practical intent, a common
reference point. As time goes on, there's more activity and the
ARQ aspect comes alive, then that could change. There's no reason
why you couldn't operate anywhere RTTY does, etc just dont make it
a point to take "ownership", just operate and just take turns, show some
courtesy, and play nice. Move up or down a little as needed. <GRIN>

Howard W6IDS
Richmond, IN
----- Original Message -----
From: Ted Trostle
To: V4Protocol@yahoogroups.com
Sent: Monday, April 25, 2011 2:53 PM
Subject: Re: [V4Protocol] Re: V4 Frequencies

Ok not a bad suggestion, if I follow your idea. However, do we want to get all jammed up on
a single "73" freq.

May be I do not understand how much BW a V4 4FSK signal takes.

On Mon, Apr 25, 2011 at 2:43 PM, Robert Belize <robertbelize@yahoo.com> wrote:

Why not using *73 dial on each band? I remember it was the calling frequency for amtor/
pactor in the 80's
Robert V31AE

--- In V4Protocol@yahoogroups.com, "wb2lou" <tctrostle@...> wrote:
>
> Has there been a standardized list of frequencies set? I know and use 7073, 14073,
18.090, and 18.105, but it just seems that we can use any freq within the CW/RTTY regions.
>
> But then may be there should be an operating freq range consensus for each band. Unlike
RTTY and CW which are easily recognized, our mixed modes of digital signals are not, so
having a set range would help our testing and enjoyment of the QSO's

>

870. Re: [V4Protocol] Re: V4 Frequencies

Yahoo group: V4Protocol
Date: 2011-04-25 19:41:31 UTC
From: Ted Trostle
Topic: 333 Message: 870

Thanks for your input Howard. Discussion and ideas always help. I like the mode now that I have running OK, I just want to help promote its use and get more folks interested.

On Mon, Apr 25, 2011 at 3:25 PM, W6IDS <w6ids@frontier.com> wrote:

>
>
> Take into account propagation perhaps. Take turns - it's FEC
> now anyway so you'll be able to copy any transmission freely.
> It's no different than RTTY per se.
>
> There's not that many people using the Protocol so rather than
> use a "hit 'n miss" approach to finding someone (as if there were
> a lot to target) just use one frequency. That also gives others a
> good point of reference and a known spot to check/call. When
> lots more people become users, everything may spread out like
> with other protocls and modes. so that others will also have
> a point of reference.
>
> There's no such thing as "standardized freqs." You'd just be
> starting a simple "watering hole" for all practical intent, a common
> reference point. As time goes on, there's more activity and the
> ARQ aspect comes alive, then that could change. There's no reason
> why you couldn't operate anywhere RTTY does, etc just dont make it
> a point to take "ownership", just operate and just take turns, show some
> courtesy, and play nice. Move up or down a little as needed. <GRIN>
>
> Howard W6IDS
> Richmond, IN
>
> ----- Original Message -----
> *From:* Ted Trostle <tctrostle@gmail.com>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Monday, April 25, 2011 2:53 PM
> *Subject:* Re: [V4Protocol] Re: V4 Frequencies
>
> Ok not a bad suggestion, if I follow your idea. However, do we want to get
> all jammed up on a single "73" freq.
>
> May be I do not understand how much BW a V4 4FSK signal takes.
>
>
> On Mon, Apr 25, 2011 at 2:43 PM, Robert Belize <robertbelize@...>wrote:
>

>>
>>
>> Why not using *73 dial on each band? I remember it was the calling
>> frequency for amtor/ pactor in the 80's
>> Robert V31AE
>>
>>
>> --- In V4Protocol@yahoogroups.com, "wb2lou" <tctrostle@...> wrote:
>> >
>> > Has there been a standardized list of frequencies set? I know and use
>> 7073, 14073, 18.090, and 18.105, but it just seems that we can use any freq
>> within the CW/RTTY regions.
>> >
>> > But then may be there should be an operating freq range consensus for
>> each band. Unlike RTTY and CW which are easily recognized, our mixed modes
>> of digital signals are not, so having a set range would help our testing and
>> enjoyment of the QSO's
>> >
>>
>
>
>
>

--
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871. Re: [V4Protocol] Re: V4 Frequencies

Yahoo group: V4Protocol
Date: 2011-04-25 20:47:24 UTC
From: W6IDS
Topic: 333 Message: 871

I think there's some fear of it IMHO. Why Hams jump on one new protocol suddenly and with a furry of gusto and simply "YAWWWN" about another one is strange. There has been NOWHERE near enough activity with the V4 Protocol to warrant a judgement about its "value-added" benefit to our digital toolbox.

So, I'd park on a frequency that seems "clear" and does well, pretty much, with throwing your signal out generally and start calling CQ? Perhaps you might continually and frequently post your intentions here and also over at this page -

http://hamspots.net/arq/

Post your activity in the "ARQ" selection. V4 is basically a soon-to-be ARQ activity anyway so get the ball rolling.

Post it over on the Pactor_Packet forum that I belong to. It's an ARQ group -

Take a peek, join if you like -

http://groups.yahoo.com/group/pactor_packet/

You could post in the forum if you join us.

Then, keep up the chatter about the mode, keep transmitting, making skeds, etc etc which Im sure you know.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: Ted Trostle
To: V4Protocol@...m
Sent: Monday, April 25, 2011 3:41 PM
Subject: Re: [V4Protocol] Re: V4 Frequencies

Thanks for your input Howard. Discussion and ideas always help. I like the mode now that I have running OK, I just want to help promote its use and get more folks interested.

On Mon, Apr 25, 2011 at 3:25 PM, W6IDS <w6ids@...> wrote:

Take into account propagation perhaps. Take turns - it's FEC now anyway so you'll be able to copy any transmission freely. It's no different than RTTY per se.

There's not that many people using the Protocol so rather than use a "hit 'n miss" approach to finding someone (as if there were

a lot to target) just use one frequency. That also gives others a
good point of reference and a known spot to check/call. When
lots more people become users, everything may spread out like
with other protocls and modes. so that others will also have
a point of reference.

There's no such thing as "standardized freqs." You'd just be
starting a simple "watering hole" for all practical intent, a common
reference point. As time goes on, there's more activity and the
ARQ aspect comes alive, then that could change. There's no reason
why you couldn't operate anywhere RTTY does, etc just dont make it
a point to take "ownership", just operate and just take turns, show some
courtesy, and play nice. Move up or down a little as needed. <GRIN>

Howard W6IDS
Richmond, IN
----- Original Message -----
From: Ted Trostle
To: V4Protocol@yahoogroups.com
Sent: Monday, April 25, 2011 2:53 PM
Subject: Re: [V4Protocol] Re: V4 Frequencies

Ok not a bad suggestion, if I follow your idea. However, do we want to get all jammed up on
a single "73" freq.

May be I do not understand how much BW a V4 4FSK signal takes.

On Mon, Apr 25, 2011 at 2:43 PM, Robert Belize <robertbelize@...> wrote:

Why not using *73 dial on each band? I remember it was the calling frequency for amtor/
pactor in the 80's
Robert V31AE

--- In V4Protocol@yahoogroups.com, "wb2lou" <tctrostle@...> wrote:
>
> Has there been a standardized list of frequencies set? I know and use 7073, 14073,
18.090, and 18.105, but it just seems that we can use any freq within the CW/RTTY regions.
>
> But then may be there should be an operating freq range consensus for each band. Unlike
RTTY and CW which are easily recognized, our mixed modes of digital signals are not, so
having a set range would help our testing and enjoyment of the QSO's
>

--
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872. Re: [V4Protocol] Re: V4 Frequencies

Yahoo group: V4Protocol
Date: 2011-04-25 22:36:23 UTC
From: Peter Martinsen
Topic: 333 Message: 872

... and 30m 10135khz fx ?

I am calling CQ Contestia 4/125 USB 1500hz right now, and are also lsn for V4Chat

73 de OZ1PMX Peter

From: Robert Belize
Sent: Monday, April 25, 2011 8:43 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: V4 Frequencies

Why not using *73 dial on each band? I remember it was the calling frequency for amtor/ pactor in the 80's
Robert V31AE

--- In mailto:V4Protocol%40yahoogroups.com, "wb2lou" <tctrostle@...> wrote:
>
> Has there been a standardized list of frequencies set? I know and use 7073, 14073, 18.090, and 18.105, but it just seems that we can use any freq within the CW/RTTY regions.
>
> But then may be there should be an operating freq range consensus for each band. Unlike RTTY and CW which are easily recognized, our mixed modes of digital signals are not, so having a set range would help our testing and enjoyment of the QSO's
>

873. Re: [V4Protocol]

Yahoo group: V4Protocol
Date: 2011-04-25 23:24:48 UTC
From: Chuck
Topic: 873 Message: 873

The 20 Meter band is in pretty bad shape today, at least from Washington State. I thought I would give V4 a try again
after seeing all the postings. So after updating to the latest revision of V4 I started calling on
14073.0. In about 15 minutes of trying, I may have had ONE attempt possibly from WB2LOU but not sure because the deep QSB swings
only allowed about 5 words of print and that was it. Bang! gone.

Admittingly, I did not post my intensions.. just jumped in to see if anyone was listening.
73;
Chuck, WA7BRL
CN87

874. v4 client

Yahoo group: V4Protocol
Date: 2011-04-26 00:17:55 UTC
From: Robert Belize
Topic: 874 Message: 874

...after I had a few contact on 14073 I would find it helpful if we would have a possibility in the setup file to select "send by word or by line"
It would keep frequency busy. The other station wouldn't have to wait that long to get a sign that somebody will answer..
WhatSay?
Robert V31AE

875. Initial Contact

Yahoo group: V4Protocol
Date: 2011-04-26 00:20:03 UTC
From: tongyham25
Topic: 875 Message: 875

Just worked V31AE, Robert in Belize. EM29 to EK58, S8 & S9 report. Software works well.
George
WB0ZYU

876. Re: [V4Protocol] v4 client

Yahoo group: V4Protocol
Date: 2011-04-26 00:22:18 UTC
From: Peter Martinsen
Topic: 874 Message: 876

Hi Robert

Do you read me on 10135khz ?

73 de OZ1PMX Peter

From: Robert Belize
Sent: Tuesday, April 26, 2011 2:17 AM
To: V4Protocol@...m
Subject: [V4Protocol] v4 client

...after I had a few contact on 14073 I would find it helpful if we would have a possibility in the setup file to select "send by word or by line"
It would keep frequency busy. The other station wouldn't have to wait that long to get a sign that somebody will answer..
WhatSay?
Robert V31AE

877. Re: v4 client

Yahoo group: V4Protocol
Date: 2011-04-26 00:23:32 UTC
From: Robert Belize
Topic: 874 Message: 877

Will go now an will listen

--- In V4Protocol@yahoogroups.com, "Peter Martinsen" <petermartinsen@...> wrote:
>
> Hi Robert
>
> Do you read me on 10135khz ?
>
> 73 de OZ1PMX Peter
>
>
> From: Robert Belize
> Sent: Tuesday, April 26, 2011 2:17 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] v4 client
>
>
> ...after I had a few contact on 14073 I would find it helpful if we would have a possibility in the setup file to select "send by word or by line"
> It would keep frequency busy. The other station wouldn't have to wait that long to get a sign that somebody will answer..
> WhatSay?
> Robert V31AE
>

878. Re: v4 client

Yahoo group: V4Protocol
Date: 2011-04-26 00:45:29 UTC
From: Robert Belize
Topic: 874 Message: 878

I received you clear here in Belize on 10135Khz Peter..
Sig was near noise level. band is quite here..No qrn/qrm...

--- In V4Protocol@yahoogroups.com, "Peter Martinsen" <petermartinsen@...> wrote:
>
> Hi Robert
>
> Do you read me on 10135khz ?
>
> 73 de OZ1PMX Peter
>
>
> From: Robert Belize
> Sent: Tuesday, April 26, 2011 2:17 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] v4 client
>
>
> ...after I had a few contact on 14073 I would find it helpful if we would have a possibility in the setup file to select "send by word or by line"
> It would keep frequency busy. The other station wouldn't have to wait that long to get a sign that somebody will answer..
> WhatSay?
> Robert V31AE
>

879. SV: [V4Protocol] Re: v4 client

Yahoo group: V4Protocol
Date: 2011-04-26 00:49:24 UTC
From: Peter Martinsen
Topic: 874 Message: 879

Strange Robert ☐ no copy here brrrrrrrrr

I am using IC-7700 (fast AGC) pre amp 1 ☐ Loop Skywire cut for 80m es
SignaLink USB ☐ my PWR was 100w

Anyway tnx for the try ;-)

Now on 7073khz

73

http://www.mymorninglight.org/ham/psk.htm

http://www.oliviamode.com/index.htm

Fra: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] På vegne
af Robert Belize
Sendt: 26. april 2011 02:45
Til: V4Protocol@yahoogroups.com
Emne: [V4Protocol] Re: v4 client

I received you clear here in Belize on 10135Khz Peter..
Sig was near noise level. band is quite here..No qrn/qrm...

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> ,
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long to get a sign that somebody will answer..
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> Robert V31AE
>

880. SV: [V4Protocol] Re: v4 client

Yahoo group: V4Protocol
Date: 2011-04-26 01:21:38 UTC
From: Robert Belize
Topic: 874 Message: 880

I had no problems, sig was low but could decode all of it fine, also on 20 meter! have to check 7073 to catch u there..
73
Robert V31AE

--- In V4Protocol@yahoogroups.com, Peter Martinsen <petermartinsen@...> wrote:
>
> Strange Robert ☐ no copy here brrrrrrrrr
>
>
>
> I am using IC-7700 (fast AGC) pre amp 1 ☐ Loop Skywire cut for 80m es
> SignaLink USB ☐ my PWR was 100w
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> Anyway tnx for the try ;-)
>
>
>
> Now on 7073khz
>
>
>
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>
>
> http://www.mymorninglight.org/ham/psk.htm
>
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> long to get a sign that somebody will answer..
> > WhatSay?
> > Robert V31AE
> >
>

881. Re: [V4Protocol]

Yahoo group: V4Protocol
Date: 2011-04-26 11:56:03 UTC
From: Ted Trostle
Topic: 873 Message: 881

Yes Chuck I heard you, but conditions were real bad. Maybe another time.

On Mon, Apr 25, 2011 at 7:24 PM, Chuck <wa7brl@...> wrote:

>
>
> The 20 Meter band is in pretty bad shape today, at least from Washington
> State. I thought I would give V4 a try again
> after seeing all the postings. So after updating to the latest revision of
> V4 I started calling on
> 14073.0. In about 15 minutes of trying, I may have had ONE attempt possibly
> from WB2LOU but not sure because the deep QSB swings
> only allowed about 5 words of print and that was it. Bang! gone.
>
> Admittingly, I did not post my intensions.. just jumped in to see if anyone
> was listening.
> 73;
> Chuck, WA7BRL
> CN87
>
>
>

--
You cannot change history, but you can make history!
Education is the only legal cure for stupidity.

882. AUTO ID

Yahoo group: V4Protocol
Date: 2011-04-26 14:42:13 UTC
From: POB
Topic: 265 Message: 882

AUTO ID
When beginning transmission such as CQ it does not show call letters at the beginning, what do I change to get this to work properly.
Tnx
POB/K8LEN

883. Re: V4 Frequencies

Yahoo group: V4Protocol
Date: 2011-04-26 21:16:43 UTC
From: la7um
Topic: 333 Message: 883

Hi Peter. Looooong time no hear.....:-) I have a sick cable and or a sick g5rv. Want to renew at home and get one at vacation qth west coast.
Lurking in background.

I will as well install this 200hz narrow qso mode in due time, as I also did with RMS Express. And also AirMail as I remember you told me about years ago.

I believe that an arq mode that narrow may really have the right of living, as one does not need a broader or quicker mode than the ability to type.

As you probably know the 15 years running of Synapse (1) is taken down at LA3F and we do build RMS WINMOR and RMS Pactor stations. More bands slowly coming. Try WINMOR at evening and Night.
We have clients from all EU countries. Same antenna as we used on Pactor1 back then on 80m.

In addition 7xq and I are are making Synapse 2 which is voice comm and full control of choice of any nearby repeater or even all ssb HF bands as well. Server needs linux synapse server, + skype, but clients on all platforms do need only their standard skype client. Even all cell phones.

We can later arrange future listening options for you when connecting on any band. More advanced than when you ran pactor1 and I ran 2m packet in a live qso at some NRRL days abt 15 years ago, hi.

You still have the wonderful loops, or are they all split up?

73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "Peter Martinsen" <petermartinsen@...> wrote:
>
> ... and 30m 10135khz fx ?
>
> I am calling CQ Contestia 4/125 USB 1500hz right now, and are also lsn for V4Chat
>
> 73 de OZ1PMX Peter
>
>
>
>
>
> From: Robert Belize
> Sent: Monday, April 25, 2011 8:43 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: V4 Frequencies
>
>
> Why not using *73 dial on each band? I remember it was the calling frequency for amtor/

pactor in the 80's
> Robert V31AE
>
> --- In mailto:V4Protocol%40yahoogroups.com, "wb2lou" <tctrostle@> wrote:
> >
> > Has there been a standardized list of frequencies set? I know and use 7073, 14073, 18.090, and 18.105, but it just seems that we can use any freq within the CW/RTTY regions.
> >
> > But then may be there should be an operating freq range consensus for each band. Unlike RTTY and CW which are easily recognized, our mixed modes of digital signals are not, so having a set range would help our testing and enjoyment of the QSO's
> >
>

884. V4 on Linux

Yahoo group: V4Protocol
Date: 2011-04-26 22:32:41 UTC
From: David
Topic: 884 Message: 884

Hi All...
Has anyone been able to run V4 on Linux under Wine
I can get it to install but wont work as i need VB8
will try and install that and see if i can get it to work

73 David VK4BDJ

885. Re: [V4Protocol] V4 on Linux

Yahoo group: V4Protocol
Date: 2011-04-27 02:53:08 UTC
From: karel Fassotte
Topic: 884 Message: 885

I tried and it wil niet work under wine. If anybody succeeds let e know.
I woud appreciate if this code would be native under Linux, but that wil not be easy. Has anybody tried geeting the code to be ported to Linux?
Greetings
Karel
HC1AKP

2011/4/26 David <djmunn@...>

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> 73 David VK4BDJ
>
>

886. MONITOR THE FREQUENCIES

Yahoo group: V4Protocol
Date: 2011-04-27 10:46:48 UTC
From: K4PDW
Topic: 886 Message: 886

AT THE TOP AND BOTTOM OF THE HOUR MONITOR THE KNOWN QSO FREQUENCIES 7.073,14.073,14.103,18.135 CALL CQ IF NO RESPONSE MOVE TO ANOTHER USABLE FREQUENCY.SO FAR I HAVE NOT HAD ANY LUCK BUT THIS MIGHT WORK. I WILL BE LISTENING.IT WOULD BE NICE IF EVERYONE ADOPT ONE FREQUENCY PER BAND LIKE PSK32 IS ON THE POPULAR BANDS NOW.

887. Re: MONITOR THE FREQUENCIES

Yahoo group: V4Protocol
Date: 2011-04-27 10:53:28 UTC
From: Opmxopmx1
Topic: 886 Message: 887

14103 is the most used ROS qrg !

73 de Peter OZ1PMX

888. Re: [V4Protocol] V4 on Linux

Yahoo group: V4Protocol
Date: 2011-04-27 11:14:16 UTC
From: Rick Muething
Topic: 884 Message: 888

The V4 TNC software is time critical and requires tight coupling of the OS and the sound card DSP processing software. I would be surprised if it works well on a Windows emulator. When I get some time (I have been swamped with other matters) I will gladly work with an experienced Linux/C programmer to help port the V4 and WINMOR TNC code to Linux. But it is not a trivial exercise (read will take man months of work) and needs to be supported down the road. I am currently working on the V4 ARQ mode and would like to get that working before getting involved in any porting activity.

Rick Muething, KN6KB

From: karel Fassotte
Sent: Tuesday, April 26, 2011 10:53 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 on Linux

I tried and it wil niet work under wine. If anybody succeeds let e know.

I woud appreciate if this code would be native under Linux, but that wil not be easy. Has anybody tried geeting the code to be ported to Linux?
Greetings
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HC1AKP

2011/4/26 David <djmunn@...>

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will try and install that and see if i can get it to work

73 David VK4BDJ

889. Re: [V4Protocol] V4 on Linux

Yahoo group: V4Protocol
Date: 2011-04-27 12:39:39 UTC
From: karel Fassotte
Topic: 884 Message: 889

Rick yes I know its a lot of work. Timing is critical as is with other
communications software especialy using ARQ.
So you are working on that. What about the porting of V4 and winmor TNC.
dou you have the sourcecode, also of the RMS of Winmor?
That would be great.
Let me know.
Karel
HC1AKP

K
2011/4/27 Rick Muething <rmuething@...>

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> Rick Muething, KN6KB
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> *Sent:* Tuesday, April 26, 2011 10:53 PM
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>> 73 David VK4BDJ
>>
>
>
>
>

890. Re: [V4Protocol] V4 on Linux

Yahoo group: V4Protocol
Date: 2011-04-27 15:24:28 UTC
From: Rick Muething
Topic: 884 Message: 890

Karel,

Not sure what you mean by the “RMS of Winmor”? There is already RMS WINMOR (server for Winlink 2000), BPQ32 (incorporates a WINMOR channel) and RMS Express (WINMOR, Packet, Pactor, Robust packet, Telnet client). W are working on (I am not doing initial alpha testing) of an RMS Trimode server (WINMOR, Pactor 1,2,3, and Robust Packet). The latter will allow scanning of multiple frequencies (up to 3 at a given time) and accept connections for those three HF protocols.

Re porting: All the code is written in VB.NET 2010 and includes multi threading and uses the Microsoft Direct X for sound card control (that direct X will of course need to be changed to be compatible with the sound card driver interfaces in Linux).

If you are interested I will send you a package of some of the VB code. This is pretty simple code (Reed Solomon encoder/decoder, Viterbi decoder, and basic FFT code). These represent perhaps about 10% of the coding effort and should all transfer fairly easily to C or using some form of bridge software (Mono etc). If you can make all those work and test them you have a start on the porting effort but it does not include any of the complex real time timing or multi threading. So far those that I have sent the sample package to have not delivered anything... I suspect they were more hackers than real programmers but as you know this stuff takes a lot of time and the last thing we want is for a half baked and poorly supported implementation of Linux WINMOR out there. It will just cause a lot of headaches.

73,

Rick KN6KB

From: karel Fassotte
Sent: Wednesday, April 27, 2011 8:39 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 on Linux

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That would be great.
Let me know.
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2011/4/27 Rick Muething <rmuething@...>

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2011/4/26 David <djmunn@...>

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I can get it to install but wont work as i need VB8
will try and install that and see if i can get it to work

73 David VK4BDJ

891. Day 1 newbie

Yahoo group: V4Protocol
Date: 2011-04-27 16:54:30 UTC
From: alpzaba
Topic: 891 Message: 891

What is the freq I am MOST likely to see V4 stuff on the air??

73 de W1APZ

892. Re: [V4Protocol] V4 on Linux

Yahoo group: V4Protocol
Date: 2011-04-27 17:10:04 UTC
From: karel Fassotte
Topic: 884 Message: 892

Rick,

Let me introduce myself first. I am an electrical engineer, telecom. I am working, living with my family in Ecuador. I have a small company working in telecoms. I have a special interest in datacomunications on HF and VHF/UHF. I am interested getting an opensource windows, Linux solution for data and mail transfer for emergency and utility communicatios with a free spinoff for amateur radio.

At this moment exist several approaches doing so:

-Packet Q15X25, multitone, using soundcard in windows and Linux, open source. Tested the software on both platforms, works, but because of the overhead its slow.

-Pactor, I,II,III, and now 4 (will be released in July) using special modem in Windows, Linux, closed. Good for IP traffic but source. Works but its all closed hardware and protocoll. No good software available under Linux.

-Winmore RMS express and server, unsing soundcard emulation a TNC and modem (pactor and packet) in Windows. Tested and works ok. Only windows, no code for Linux. I would change some features, one of the most importand is the choice of the Internet/mail gateway. Now you rely on several mailservers selected, but your not free to make your own net.

-V4 Chat, using soundcard in windows. No code for Linux. Some features in the config I would change, f.i. The text in the receive windows contains also the errors, this I would chose to leave only to the text corrected. I tested the software very nice but no Linux. Would be great if connected to internet chat. Porting it to Linux will still be a lot of work. ARQ version would be nice, but I don't see this as a priority.

-RFSM2400, emulation Milstd.188-110 serialtone, and modifications, using soundcard in Windows, closed source. (shareware, free of charge) I tested this software and helped develop as alfa tester.

-RFSM800,emulation Milstd.188-110 serialtone and modifications, using soundcard in Windows, closed source.(shareware licence) Works fine, but no all pc's and soundcards (timing) I tested this software and helped develop as alfa tester. Not good for IP traffic without a proxy. As far as I have tested only one version 2400) permits IP proxy.

-HF Modem emulation Milstd.188-110 serialtone soundcard, on Linux platform, not ready, a bit outdated. (I have the sourcecode) I did not test this software and its not up to date.

-WinDRM, multitone modem (QAM) data and voice, based on DRM standard for broadcasting, on Windows (open source) code available for windows. I tested this software. It works fine but no Linux vesion is available. Does not work under Wine. Porting it to Linux will be a lot of work. Not realy good for IP traffic without the use of a proxy. (to much latency)

Most of the software runs on a windows platform. Running this software under wine is critical because of timing. Besides not all software will run in wine.

If Winmor RMS, server and client would be available in Linux this is a very good candidate for mail and file transfer. Should be free for non commercial use. Features have to be optimised for commercial and utility use. It would be the ideal solution for Emergency networks.

Rick if I get the code available of the V4 and WinmorRMS (express) server and client, I would go looking for funding, together or allone. Overhere in Ecuador I have good programmers for Linux and windows. However working for free in a third world country is a fantasy. People should earn a little bit, they need it. I have several contacts to local universities and politecnics and students interested in a thesis project. We need a projectcoordinator and a formal project. I could be the coordinator of the project, but funding is needed. One of the strong items is the availability of programmers and the need for development. Many regions in Latin America have no access to mail or the internet for utility (NGO's) Indian villages, medical centres, government and non government agencies (emergency trafic as a backbone) and commercial traffic. Satelite is the only option up to now.

I would be glad to cooperate and receive your material 'as is'. If your interested we open a project and coordinate software development. Splitting up the software in modules and putting it all together, testing it in the real world and distributing it.

73

Karel

HC1AKP

2011/4/27 Rick Muething <rmuething@...>

>
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> Karel,
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> Not sure what you mean by the “RMS of Winmor”? There is already RMS WINMOR
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>
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> Rick KN6KB
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> *From:* karel Fassotte <karel.fassotte@...>
> *Sent:* Wednesday, April 27, 2011 8:39 AM
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>
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>
>

893. Re: [V4Protocol] V4 on Linux

Yahoo group: V4Protocol
Date: 2011-04-27 18:32:39 UTC
From: Ian Wade G3NRW
Topic: 884 Message: 893

From: karel Fassotte <karel.fassotte@...>
Date: Wed, 27 Apr 2011 Time: 12:10:04

> I am interested getting an opensource windows, Linux solution
>for data and mail transfer for emergency and utility communicatios with a
>free spinoff for amateur radio.
>
>At this moment exist several approaches doing so:
>

[Big snip of very interesting approaches]

Karel,

Another approach you should seriously consider is pskmail:

http://www.pskmail.org/

This can do everything you are looking for. It is very flexible,
adaptive to traffic and interference, well established and working
today, and coded in Windows and Linux.

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

894. Re: [V4Protocol] V4 on Linux

Yahoo group: V4Protocol
Date: 2011-04-27 18:55:30 UTC
From: karel Fassotte
Topic: 884 Message: 894

Hello Ian,
How could I forget to mention PSKmail. Your right a good solution, but not fast enough for what we need. If they would integrate a fast serial of paraleltone modem it would be ideal. However I wrote with the developers of the code, system. they welcome the idea but are not very interested to leave the 500Hz bandwith, the PSK500 is running on at this moment. If we could have a PSK1000, PSK1500 and a PSK2000 it would be great, but as I wrote the developer of the FLDIGI is no prepared to work on it. Your right I will have to evaluate a FLDIGI modification to incude a faster protocoll. If someone has a good idea to do so. I am all interested.
73 Karel

2011/4/27 Ian Wade G3NRW <g3nrw@...>

>
>
> From: karel Fassotte <karel.fassotte@...>
> Date: Wed, 27 Apr 2011 Time: 12:10:04
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> > I am interested getting an opensource windows, Linux solution
> >for data and mail transfer for emergency and utility communicatios with a
> >free spinoff for amateur radio.
> >
> >At this moment exist several approaches doing so:
> >
>
> [Big snip of very interesting approaches]
>
> Karel,
>
> Another approach you should seriously consider is pskmail:
>
> http://www.pskmail.org/
>
> This can do everything you are looking for. It is very flexible,
> adaptive to traffic and interference, well established and working
> today, and coded in Windows and Linux.
>
> --
> 73
> Ian, G3NRW
>
> The TS-590S Resources Page:
> http://homepage.ntlworld.com/wadei/ts-590s.htm

>
>
>

895. Re: [V4Protocol] V4 on Linux

Yahoo group: V4Protocol
Date: 2011-04-27 19:03:11 UTC
From: Rick Muething
Topic: 884 Message: 895
Attachments: 1 described; binary payloads are missing from this source WARC

Karel,

First, (and important) WINMOR and V4 are licensed ONLY for non commercial (Ham or MARS) use. There is no commercial use of either the software or the WINMOR or V4 protocols permitted without a specific license from the Amateur Radio Safety Foundation Inc. www.arsfi.org (This is a 501C3 Public charity that holds the rights to all the WINMOR, V4, RMS Express, RMS WINMOR etc software). It is donations to this 501C3 (both corporate and individual) that we use to pay for the real costs (not donated volunteer labor) of the WL2K system and the various required 3rd party licenses.

If we do, permit or support a Linux version it MUST be under those same license constraints.

Second: If you want to go ahead and work on a Linux equivalent I would strongly suggest partitioning the software into two separate and independent components:
1) The virtual TNC. This is like the WINMOR TNC or V4 TNC code. It ONLY implements the bit level protocol. It has nothing to do with the application, displays, forwarding message layer protocol etc. This permits others to use the virtual TNC and construct their own application(s). The BPQ32 is a good example of how this works. John Wiseman took the public WINMOR TNC code and a fairly simple interface document and integrated the WINMOR mode into BPQ32. Since it is a Windows application it uses the released WINMOR TNC as is (no modifications). The virtual TNC (Both WINMOR and V4) interface using a pair of simple TCPIP ports on the local computer (it theory it doesn't need to be local but TCP Packet timing could then become more critical). This insures it is compatible with other applications using the WINMOR TNC (there are now a handful). The attached zip has some documentation on how the WINMOR Virtual TNC is used and interfaced.

2) The application (Client, server or like RMS Express a program that can be both client and server with some message addressing restrictions). Making a client is a very personal sort of thing and it can range from a full blown client like RMS Express (all modes, built in message editing, display, management, radio control, propagation prediction etc) to something much simpler piggy backing on some existing email client. None of these functions should deal with the bit level protocol (WINMOR, Packet, Pactor etc) those should all normally be done by the TNC (or virtual TNC e.g. WINMOR TNC). One thing that is for certain....a client application requires a lot of support for users: help, forums, updates etc. This I can speak from experience (we have developed 3 or 4 user clients over the past several years).

The reason that the SCS P2, P3 and P4 protocols are not open is this is a private company, they spent many engineering man years developing and refining Pactor and they have shareholders to answer to. I am certain they are not going to give away the company jewels using open source or free licenses. The same goes for Harris and Motorola HF modems. MIL Std 188 (STANAG) is a different story but that has limitation and cannot be used in many band segments of the US (symbol rate exceeds 300 baud).

One thing I can tell you having now done several sound card type protocols (SCAMP, WINMOR, V4) is there is a tremendous amount of time testing and tweaking these protocols for performance and robustness. If one develops a second implementation (e.g. Linux) version of a sound card protocol is will be essential to develop a very thorough and automatic verification mechanism to insure it is a compatible implementation of the same protocol (e.g. A Linux and Window WINMOR implementation can talk to each other without any problem). This means structuring testing scenarios and verification through repeatable simulated HF channels. (using a HF channel simulator)

The V4 mode was designed specifically for keyboard chat to support typical manual typing speeds. It is slicker (faster turn around), does not use compression, can handle multi byte UTF-8 characters, and occupies only 200 Hz bandwidth. The V4 ARQ mode COULD be used for messages (attachments not practical with this speed) but using WINMOR's 500 Hz mode would probably be much better unless the 200 Hz bandwidth was an absolute requirement.

I have attached a zip containing the initial test source for WINMOR. This part is all based on public code and should be a slam dunk to translate and test. Consider it something like 5-10% of what I would estimate as the porting effort. It should give you a feel for what is involved but the real DSP (modulation, demodulation, tuning, etc) and bit level protocol code is considerably more complex.

One suggestion is if you are going to piggy back on an existing "standard" (e.g. HF Packet, Pactor 1, Q15X25) make sure you do your homework and really test (in a controlled environment using a HF simulator) how fast and robust the mode is. The world does not need another easy to implement but inferior HF mode like HF packet!

Let me know your thoughts and intentions.

73,

Rick KN6KB

From: karel Fassotte
Sent: Wednesday, April 27, 2011 1:10 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 on Linux

Rick,

Let me introduce myself first. I am an electrical engineer, telecom. I am working, living with my family in Ecuador. I have a small company working in telecoms. I have a special interest in datacomunications on HF and VHF/UHF. I am interested getting an opensource windows, Linux solution for data and mail transfer for emergency and utility communicatios with a free spinoff for amateur radio.

At this moment exist several approaches doing so:

-Packet Q15X25, multitone, using soundcard in windows and Linux, open source. Tested the software on both platforms, works, but because of the overhead its slow.

-Pactor, I,II,III, and now 4 (will be released in July) using special modem in Windows, Linux, closed. Good for IP traffic but source. Works but its all closed hardware and protocoll. No good software available under Linux.

-Winmore RMS express and server, unsing soundcard emulation a TNC and modem (pactor and packet) in Windows. Tested and works ok. Only windows, no code for Linux. I would change some features, one of the most importand is the choice of the Internet/mail gateway. Now you rely on several mailservers selected, but your not free to make your own net.

-V4 Chat, using soundcard in windows. No code for Linux. Some features in the config I would change, f.i. The text in the receive windows contains also the errors, this I would chose to leave only to the text corrected. I tested the software very nice but no Linux. Would be great if connected to internet chat. Porting it to Linux will still be a lot of work. ARQ version would be nice, but I don't see this as a priority.

-RFSM2400, emulation Milstd.188-110 serialtone, and modifications, using soundcard in Windows, closed source. (shareware, free of charge) I tested this software and helped develop as alfa tester.

-RFSM800,emulation Milstd.188-110 serialtone and modifications, using soundcard in Windows, closed source.(shareware licence) Works fine, but no all pc's and soundcards (timing) I tested this software and helped develop as alfa tester. Not good for IP traffic without a proxy. As far as I have tested only one version 2400) permits IP proxy.

-HF Modem emulation Milstd.188-110 serialtone soundcard, on Linux platform, not ready, a bit outdated. (I have the sourcecode) I did not test this software and its not up to date.

-WinDRM, multitone modem (QAM) data and voice, based on DRM standard for broadcasting, on Windows (open source) code available for windows. I tested this software. It works fine but no Linux vesion is available. Does not work under Wine. Porting it to Linux will be a lot of work. Not realy good for IP traffic without the use of a proxy. (to much latency)

Most of the software runs on a windows platform. Running this software under wine is critical because of timing. Besides not all software will run in wine.

If Winmor RMS, server and client would be available in Linux this is a very good candidate for mail and file transfer. Should be free for non commercial use. Features have to be optimised for commercial and utility use. It would be the ideal solution for Emergency networks.

Rick if I get the code available of the V4 and WinmorRMS (express) server and client, I would go looking for funding, together or allone. Overhere in Ecuador I have good programmers for Linux and windows. However working for free in a third world country is a fantasy. People should earn a little bit, they need it. I have several contacts to local universities and politecnics and students interested in a thesis project. We need a projectcoordinator and a formal project. I could be the coordinator of the project, but funding is needed. One of the strong items is the availability of programmers and the need for development. Many regions in Latin America have no access to mail or the internet for utility (NGO's) Indian villages, medical centres, government and non government agencies (emergency trafic as a backbone) and commercial traffic. Satelite is the only option up to now.

I would be glad to cooperate and receive your material 'as is'. If your interested we open a project and coordinate software development. Splitting up the software in modules and putting it all together, testing it in the real world and distributing it.

73

Karel

HC1AKP

2011/4/27 Rick Muething <rmuething@...>

Karel,

Not sure what you mean by the “RMS of Winmor”? There is already RMS WINMOR (server for Winlink 2000), BPQ32 (incorporates a WINMOR channel) and RMS Express (WINMOR, Packet, Pactor, Robust packet, Telnet client). W are working on (I am not doing initial alpha testing) of an RMS Trimode server (WINMOR, Pactor 1,2,3, and Robust Packet). The latter will allow scanning of multiple frequencies (up to 3 at a given time) and accept connections for those three HF protocols.

Re porting: All the code is written in VB.NET 2010 and includes multi threading and uses the Microsoft Direct X for sound card control (that direct X will of course need to be changed to be compatible with the sound card driver interfaces in Linux).

If you are interested I will send you a package of some of the VB code. This is pretty simple code (Reed Solomon encoder/decoder, Viterbi decoder, and basic FFT code). These represent perhaps about 10% of the coding effort and should all transfer fairly easily to C or using some form of bridge software (Mono etc). If you can make all those work and test them you have a start on the porting effort but it does not include any of the complex real time timing or multi threading. So far those that I have sent the sample package to have not delivered anything... I suspect they were more hackers than real programmers but as you know this stuff takes a lot of time and the last thing we want is for a half baked and poorly supported implementation of Linux WINMOR out there. It will just cause a lot of headaches.

73,

Rick KN6KB

From: karel Fassotte
Sent: Wednesday, April 27, 2011 8:39 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 on Linux

Rick yes I know its a lot of work. Timing is critical as is with other communications software especialy using ARQ.

So you are working on that. What about the porting of V4 and winmor TNC. dou you have the sourcecode, also of the RMS of Winmor?
That would be great.
Let me know.
Karel
HC1AKP

K

2011/4/27 Rick Muething <rmuething@...>

The V4 TNC software is time critical and requires tight coupling of the OS and the sound card DSP processing software. I would be surprised if it works well on a Windows emulator.

When I get some time (I have been swamped with other matters) I will gladly work with an experienced Linux/C programmer to help port the V4 and WINMOR TNC code to Linux. But it is not a trivial exercise (read will take man months of work) and needs to be supported down the road. I am currently working on the V4 ARQ mode and would like to get that working before getting involved in any porting activity.

Rick Muething, KN6KB

From: karel Fassotte
Sent: Tuesday, April 26, 2011 10:53 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 on Linux

I tried and it wil niet work under wine. If anybody succeeds let e know.

I woud appreciate if this code would be native under Linux, but that wil not be easy. Has anybody tried geeting the code to be ported to Linux?
Greetings
Karel
HC1AKP

2011/4/26 David <djmunn@...>

Hi All...
Has anyone been able to run V4 on Linux under Wine
I can get it to install but wont work as i need VB8
will try and install that and see if i can get it to work

73 David VK4BDJ

896. V4. RE: [V4Protocol] AUTO ID

Yahoo group: V4Protocol
Date: 2011-04-27 19:56:08 UTC
From: Mark Wilson
Topic: 265 Message: 896
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Pat.

When we connect up on the freq we use will experiment. Just sent out a CQ on V4 on 7073.

See you at 6.

Wet here but no thunder.

Mark

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of POB
Sent: Tuesday, April 26, 2011 10:42 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] AUTO ID

AUTO ID
When beginning transmission such as CQ it does not show call letters at the beginning, what do I change to get this to work properly.
Tnx
POB/K8LEN

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1325 / Virus Database: 1500/3600 - Release Date: 04/27/11

897. Re: V4. RE: [V4Protocol] AUTO ID

Yahoo group: V4Protocol
Date: 2011-04-27 23:47:40 UTC
From: karel Fassotte
Topic: 265 Message: 897

Wensday 18:56 I am listening on 7.073 USB V4 Chat.
Karel
HC1AKP
2011/4/27 Mark Wilson <aat4zi@...>

>
>
> Hi Pat.
>
>
>
> When we connect up on the freq we use will experiment. Just sent out a CQ
> on V4 on 7073.
>
>
>
> See you at 6.
>
>
>
> Wet here but no thunder.
>
>
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> Mark
>
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>
>
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>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *POB
> *Sent:* Tuesday, April 26, 2011 10:42 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] AUTO ID
>
>
>
>
>
>
> AUTO ID
> When beginning transmission such as CQ it does not show call letters at the
> beginning, what do I change to get this to work properly.

> Tnx
> POB/K8LEN
>
> ------------------------------
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1325 / Virus Database: 1500/3600 - Release Date: 04/27/11
>
>
>

898. RE: [V4Protocol] Re: MONITOR THE FREQUENCIES

Yahoo group: V4Protocol
Date: 2011-04-28 00:39:58 UTC
From: Dave Frazier
Topic: 886 Message: 898

ROS system works better when its users stick to the same frequency. Other modes are a little more flexable. I have been using 14.0725 for 16/500 olivia without seeming to interfere with anyone. Also without making many contacts.
Dave wb0kgn

To: V4Protocol@yahoogroups.com
From: petermartinsen@...
Date: Wed, 27 Apr 2011 12:53:28 +0200
Subject: [V4Protocol] Re: MONITOR THE FREQUENCIES

14103 is the most used ROS qrg !

73 de Peter OZ1PMX

899. 20 mtr frequency

Yahoo group: V4Protocol
Date: 2011-04-29 13:54:20 UTC
From: POB
Topic: 899 Message: 899

I agree with last poster 14.103 seems to be fine on 20 meters, less congestion there.

POB/K8LEN

900. v4 client, flow of messages

Yahoo group: V4Protocol
Date: 2011-04-30 00:50:11 UTC
From: Robert Belize
Topic: 900 Message: 900

...after I had a few contact on 14073 I would find it helpful if we would have a possibility in the setup file to select "send by word or by line"
It would keep the frequency busy. The other station wouldn't have to wait that long to get a sign that somebody will answer..
WhatSay?
Robert V31AE

901. V4 SKED

Yahoo group: V4Protocol
Date: 2011-04-30 20:08:58 UTC
From: VE2HAR
Topic: 901 Message: 901

Hi, I am located near Montreal,QC FN35CN.
Looking for a sked on 20 or 40 meter.
Thanks in advance.
73 Bob, VE2HAR

902. FT-450 control

Yahoo group: V4Protocol
Date: 2011-05-02 23:35:07 UTC
From: cr88a
Topic: 902 Message: 902

Having a problem getting the V4Chat to control the rig, suspect I'm not understanding the instructions.

I have been running psk, jt65, rtty, and Olivia with this setup, which is a Windows 7 32 bit system with actual serial port cards and a Yaesu FT-450AT. I've been runing Mixw, FLdigi and HRD. PCC-450 also works. I've turned off all software firewalls.

Problem is, with nothing else running V4Chat doesn't control the rig and the two tone test doesn't do t/r switching.

I've set the "radio control" parameters to COM3, 19.2 and RTS, same as HRD.

In trying to understand the Help instructions I see under the "Radio Control" section of the setup "Radio Command (some radios) through the Radio Control Port. " Now this paragraph, which describes the t/r method I intend to use, doesn't specify how to set the PTT Port (optional) parameter. I've tried setting it to "external" and to COM3 with all possible RTS and DTR combinations on "Radio Control Port" and PTT Port (optional). I also tried setting "Radio Control Port" to None and PTT Port (optional) to COM3 with all combinations of RTS and DTR.

I think this "Radio Command" paragraph is saying that when set to FT-450 the V4Chat should read the frequency and do t/r...it doesn't and I don't know what to do next.

I'm also not sure what the Help is saying with troubleshooting port conflicts. The chat program is telling me the TNC is OK on port 8510. Does that in fact mean the chat is communicating with the virtual TNC? Do I have to open up the port in the router that connects this computer to the LAN and WAN?

FEC loopback works fine.

Thanks for any help.

-Pete
WB2QLL
Somers, WI

903. Re: [V4Protocol] FT-450 control

Yahoo group: V4Protocol
Date: 2011-05-03 13:00:36 UTC
From: Rick Muething
Topic: 902 Message: 903

Pete,

If the loop back is working OK and the program reports the TNC is OK on the port you have set then the TNC is working fine. Those TCP ports are how the V4Chat program communicates with the V4 Virtual TNC.

Re PTT control:
First understand there are basically 3 modes possible for PTT control.
1) Radio control (some radios) I don't know if the FT-450 supports this. Some modern radios (most Icoms) do. This is a serial command to the radio control port that tells the radio to transmit or not. If you radio supports PTT control this is convenient since you only need one serial port (the same serial port also programs the frequency, mode etc). be sure and use at least 4800 baud for timing reasons.
2) PTT via VOX (external). This method keys the PTT via the audio. It is used on some sound card interfaces (e.g. SignaLink) or if you have VOX set in the transceiver to key off the transmitted audio. When this is selected the programs adds about 120 ms of additional leader to compensate for the delay VOX keying introduces.
3) Direct PTT keying via RTS or DTR lines. This uses a separate (not the same port used to program the radio's frequency) RS232 port to key the VOX from either the RTS or DTR lines. Those lines may need level conditioning to actually key the PTT line (usually an open collector to 5 volts or such). Some sound card interfaces use this.

Hope this helps.

Rick KN6KB

From: cr88a
Sent: Monday, May 02, 2011 7:35 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] FT-450 control

Having a problem getting the V4Chat to control the rig, suspect I'm not understanding the instructions.

I have been running psk, jt65, rtty, and Olivia with this setup, which is a Windows 7 32 bit system with actual serial port cards and a Yaesu FT-450AT. I've been runing Mixw, FLdigi and HRD. PCC-450 also works. I've turned off all software firewalls.

Problem is, with nothing else running V4Chat doesn't control the rig and the two tone test doesn't do t/r switching.

I've set the "radio control" parameters to COM3, 19.2 and RTS, same as HRD.

In trying to understand the Help instructions I see under the "Radio Control" section of the setup "Radio Command (some radios) through the Radio Control Port. " Now this paragraph, which describes the t/r method I intend to use, doesn't specify how to set the PTT Port (optional) parameter. I've tried setting it to "external" and to COM3 with all

possible RTS and DTR combinations on "Radio Control Port" and PTT Port (optional). I also tried setting "Radio Control Port" to None and PTT Port (optional) to COM3 with all combinations of RTS and DTR.

I think this "Radio Command" paragraph is saying that when set to FT-450 the V4Chat should read the frequency and do t/r...it doesn't and I don't know what to do next.

I'm also not sure what the Help is saying with troubleshooting port conflicts. The chat program is telling me the TNC is OK on port 8510. Does that in fact mean the chat is communicating with the virtual TNC? Do I have to open up the port in the router that connects this computer to the LAN and WAN?

FEC loopback works fine.

Thanks for any help.

-Pete
WB2QLL
Somers, WI

904. Re: [V4Protocol] FT-450 control

Yahoo group: V4Protocol
Date: 2011-05-03 14:32:04 UTC
From: Pete Ferrand
Topic: 902 Message: 904

Rick, thanks for getting back to me.

So the loop back means that part I understand and is working.

As to t/r switching, I was hoping to use method (1) to avoid tying up another port and since the vox on the rig is disabled in data modes.

With the other programs, MixW, HRD, FLdigi, the radio responds to a command to do t/r switching as well as commands to read frequency, change vfo's, etc. through the same port, com3 in this case.

Does V4 work differently?

Further, for method (1) if I set "Radio Command" to com3, what do I set "PTT Port (optional)" to?

Thanks again.

-Pete

Pete,

If the loop back is working OK and the program reports the TNC is OK on the port you have set then the TNC is working fine. Those TCP ports are how the V4Chat program communicates with the V4 Virtual TNC.

Re PTT control:
First understand there are basically 3 modes possible for PTT control.
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3) Direct PTT keying via RTS or DTR lines. This uses a separate (not the same port used to program the radio’s frequency) RS232 port to key the VOX from either the RTS or DTR lines. Those lines may need level conditioning to actually key the PTT line (usually an open collector to 5 volts or such). Some sound card interfaces use this.

Hope this helps.

Rick KN6KB

From: cr88a
Sent: Monday, May 02, 2011 7:35 PM

To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] FT-450 control

Having a problem getting the V4Chat to control the rig, suspect I'm not understanding the instructions.

I have been running psk, jt65, rtty, and Olivia with this setup, which is a Windows 7 32 bit system with actual serial port cards and a Yaesu FT-450AT. I've been runing Mixw, FLdigi and HRD. PCC-450 also works. I've turned off all software firewalls.

Problem is, with nothing else running V4Chat doesn't control the rig and the two tone test doesn't do t/r switching.

I've set the "radio control" parameters to COM3, 19.2 and RTS, same as HRD.

In trying to understand the Help instructions I see under the "Radio Control" section of the setup "Radio Command (some radios) through the Radio Control Port. " Now this paragraph, which describes the t/r method I intend to use, doesn't specify how to set the PTT Port (optional) parameter. I've tried setting it to "external" and to COM3 with all possible RTS and DTR combinations on "Radio Control Port" and PTT Port (optional). I also tried setting "Radio Control Port" to None and PTT Port (optional) to COM3 with all combinations of RTS and DTR.

I think this "Radio Command" paragraph is saying that when set to FT-450 the V4Chat should read the frequency and do t/r...it doesn't and I don't know what to do next.

I'm also not sure what the Help is saying with troubleshooting port conflicts. The chat program is telling me the TNC is OK on port 8510. Does that in fact mean the chat is communicating with the virtual TNC? Do I have to open up the port in the router that connects this computer to the LAN and WAN?

FEC loopback works fine.

Thanks for any help.

-Pete
WB2QLL
Somers, WI

905. V4 Protocol

Yahoo group: V4Protocol
Date: 2011-05-03 14:50:19 UTC
From: Abel
Topic: 905 Message: 905

Where can I get my key to registrate V4. The key showed in the Help
TNC does not work.
Thank in advance. 73

906. Re: [V4Protocol] V4 Protocol

Yahoo group: V4Protocol
Date: 2011-05-03 19:42:11 UTC
From: Rick Muething
Topic: 905 Message: 906

You don’t need to register V4 to operate it. Once it gets our of Beta testing the web site will be available to register keys.

Rick KN6KB

From: Abel
Sent: Tuesday, May 03, 2011 10:50 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Protocol

Where can I get my key to registrate V4. The key showed in the Help
TNC does not work.
Thank in advance. 73

908. Re: [V4Protocol] FT-450 control

Yahoo group: V4Protocol
Date: 2011-05-03 19:50:42 UTC
From: Rick Muething
Topic: 902 Message: 908

Pete,

Yes I will have to double check the code but I am pretty sure in V4 the same com port is not used to send both the serial control commands and to key the PTT with DTR or RTS. While I know some sound card interfaces do that there are a number of radios that require DTR and/or RTS be in specific states and do not allow using them simultaneously with the normal serial control port. Part of the issue here is that for ARQ modes (which V4 will have soon and WINMOR already has) it is important to carefully control any delay introduced to the PTT) and using some of these interfaces does introduce unacceptable delay (in ARQ you must switch back and forth rapidly between sending and receiving).

Rick KN6KB

From: Pete Ferrand
Sent: Tuesday, May 03, 2011 10:32 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] FT-450 control

Rick, thanks for getting back to me.

So the loop back means that part I understand and is working.

As to t/r switching, I was hoping to use method (1) to avoid tying up another port and since the vox on the rig is disabled in data modes.

With the other programs, MixW, HRD, FLdigi, the radio responds to a command to do t/r switching as well as commands to read frequency, change vfo's, etc. through the same port, com3 in this case.

Does V4 work differently?

Further, for method (1) if I set "Radio Command" to com3, what do I set "PTT Port (optional)" to?

Thanks again.

-Pete

Pete,

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transmit or not. If you radio supports PTT control this is convenient since you only need one serial port (the same serial port also programs the frequency, mode etc). be sure and use at least 4800 baud for timing reasons.
2) PTT via VOX (external). This method keys the PTT via the audio. It is used on some sound card interfaces (e.g. SignaLink) or if you have VOX set in the transceiver to key off the transmitted audio. When this is selected the programs adds about 120 ms of additional leader to compensate for the delay VOX keying introduces.
3) Direct PTT keying via RTS or DTR lines. This uses a separate (not the same port used to program the radio's frequency) RS232 port to key the VOX from either the RTS or DTR lines. Those lines may need level conditioning to actually key the PTT line (usually an open collector to 5 volts or such). Some sound card interfaces use this.

Hope this helps.

Rick KN6KB

From: cr88a
Sent: Monday, May 02, 2011 7:35 PM
To: mailto:V4Protocol%40yahoogroups.com
Subject: [V4Protocol] FT-450 control

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Thanks for any help.

-Pete
WB2QLL
Somers, WI

909. Re: [V4Protocol] FT-450 control

Yahoo group: V4Protocol
Date: 2011-05-03 20:20:37 UTC
From: Pete Ferrand
Topic: 902 Message: 909

Hi Rick:

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Subject: Re: [V4Protocol] FT-450 control

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Subject: Re: [V4Protocol] FT-450 control

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910. Re: [V4Protocol] FT-450 control

Yahoo group: V4Protocol
Date: 2011-05-03 20:40:06 UTC
From: Rick Muething
Topic: 902 Message: 910

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911. Re: [V4Protocol] FT-450 control

Yahoo group: V4Protocol
Date: 2011-05-03 20:42:28 UTC
From: Pete Ferrand
Topic: 902 Message: 911

I'll be at work 'til late. I think it's the same as the -950. Perhaps some of the other members of the group can help. Also at the Yaesu website there's a full manual on the CAT system for the FT-450 and other rigs.

-Pete

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Subject: Re: [V4Protocol] FT-450 control

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912. RE: [V4Protocol] FT-450 control

Yahoo group: V4Protocol
Date: 2011-05-04 00:57:55 UTC
From: Dave Frazier
Topic: 902 Message: 912

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To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Tue, 3 May 2011 15:50:42 -0400
Subject: Re: [V4Protocol] FT-450 control

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913. Re: [V4Protocol] FT-450 control

Yahoo group: V4Protocol
Date: 2011-05-04 01:03:25 UTC
From: Peter Martinsen
Topic: 902 Message: 913

Would be nice if I could use OmniRig here too, as with fx MixW, Jt65 and LogWindow !

73 de Peter OZ1PMX

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In trying to understand the Help instructions I see under the "Radio Control" section of the setup "Radio Command (some radios) through the Radio Control Port. " Now this paragraph, which describes the t/r method I intend to use, doesn't specify how to set the PTT Port (optional) parameter. I've tried setting it to "external" and to COM3 with all

possible RTS and DTR combinations on "Radio Control Port" and PTT Port (optional). I also tried setting "Radio Control Port" to None and PTT Port (optional) to COM3 with all combinations of RTS and DTR.

I think this "Radio Command" paragraph is saying that when set to FT-450 the V4Chat should read the frequency and do t/r...it doesn't and I don't know what to do next.

I'm also not sure what the Help is saying with troubleshooting port conflicts. The chat program is telling me the TNC is OK on port 8510. Does that in fact mean the chat is communicating with the virtual TNC? Do I have to open up the port in the router that connects this computer to the LAN and WAN?

FEC loopback works fine.

Thanks for any help.

-Pete
WB2QLL
Somers, WI

914. Re: [V4Protocol] FT-450 control

Yahoo group: V4Protocol
Date: 2011-05-04 05:09:30 UTC
From: Ian Wade G3NRW
Topic: 902 Message: 914

From: Pete Ferrand <petef@...>
Date: Tue, 3 May 2011 Time: 15:20:37
>
>I have used ARQ with AMTOR years ago and I miss it, I think it will be
>great improvement when you get it going, a great improvement over
>PSK31.

Hi Pete

Agreed. Yes, it will be interesting to try V4 when Rick has implemented
ARQ.

However, are you aware of PSKmail?

http://www.pskmail.org/

This supports ARQ on top of fldigi, and is particularly interesting
because the system adapts to band noise and conditions -- connections
can start off at high speed PSK, but then switch automatically to a
lower speed, or even to an entirely different mode, when the going gets
harder.

Despite its name, PSKmail isn't just for reliable mail transfer -- it
also has an ARQ chat mode.

PSKmail is well established, and already does well what I suspect Rick
is trying to do. I think you'll find PSKmail is worth a look.

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

915. RE: [V4Protocol] FT-450 control

Yahoo group: V4Protocol
Date: 2011-05-04 05:30:37 UTC
From: Peter Martinsen
Topic: 902 Message: 915

Hi Ian

Mni tnx for the mail !

I cant use Fldigi. Fldigi does not have OmniRig support !

But I am ready for an Amtor ARQ qso any time ;-)

73 de Peter OZ1PMX (OPMX)

http://www.mymorninglight.org/ham/psk.htm
http://www.oliviamode.com/index.htm

To: V4Protocol@yahoogroups.com
From: g3nrw@...
Date: Wed, 4 May 2011 06:09:30 +0100
Subject: Re: [V4Protocol] FT-450 control

From: Pete Ferrand <petef@...>
Date: Tue, 3 May 2011 Time: 15:20:37
>
>I have used ARQ with AMTOR years ago and I miss it, I think it will be
>great improvement when you get it going, a great improvement over
>PSK31.

Hi Pete

Agreed. Yes, it will be interesting to try V4 when Rick has implemented
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is trying to do. I think you'll find PSKmail is worth a look.

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73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

916. RE: [V4Protocol] FT-450 control

Yahoo group: V4Protocol
Date: 2011-05-05 01:26:16 UTC
From: Pete Ferrand
Topic: 902 Message: 916

Yes, it does, thanks for suggesting it. I didn't think it worked that way but I must have misread the manual the first time. I don't like to use VOX and I have to change the settings from the other operations but it does work. Worked my first V4 QSO tonight as well.

-Pete
WB2QLL

-----Original Message-----
From: Dave Frazier
Sent: May 3, 2011 7:57 PM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] FT-450 control

ON THE FT450, DOESN'T THE DATA VOX RESPOND TO AUDIO COMMING IN ON THE DATA PORT?? I THINK IT WORKS THE SAME AS MY TS480.

To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Tue, 3 May 2011 15:50:42 -0400
Subject: Re: [V4Protocol] FT-450 control

Pete,

Yes I will have to double check the code but I am pretty sure in V4 the same com port is not used to send both the serial control commands and to key the PTT with DTR or RTS. While I know some sound card interfaces do that there are a number of radios that require DTR and/or RTS be in specific states and do not allow using them simultaneously with the normal serial control port. Part of the issue here is that for ARQ modes (which V4 will have soon and WINMOR already has) it is important to carefully control any delay introduced to the PTT) and using some of these interfaces does introduce unacceptable delay (in ARQ you must switch back and forth rapidly between sending and receiving).

Rick KN6KB

From: Pete Ferrand
Sent: Tuesday, May 03, 2011 10:32 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] FT-450 control

Rick, thanks for getting back to me.

So the loop back means that part I understand and is working.

As to t/r switching, I was hoping to use method (1) to avoid tying up another port and since the vox on the rig is disabled in data modes.

With the other programs, MixW, HRD, FLdigi, the radio responds to a command to do t/r switching as well as commands to read frequency, change vfo's, etc. through the same port, com3 in this case.

Does V4 work differently?

Further, for method (1) if I set "Radio Command" to com3, what do I set "PTT Port (optional)" to?

Thanks again.

-Pete

Pete,

If the loop back is working OK and the program reports the TNC is OK on the port you have set then the TNC is working fine. Those TCP ports are how the V4Chat program communicates with the V4 Virtual TNC.

Re PTT control:
First understand there are basically 3 modes possible for PTT control.
1) Radio control (some radios) I don’t know if the FT-450 supports this. Some modern radios (most Icoms) do. This is a serial command to the radio control port that tells the radio to transmit or not. If you radio supports PTT control this is convenient since you only need one serial port (the same serial port also programs the frequency, mode etc). be sure and use at least 4800 baud for timing reasons.
2) PTT via VOX (external). This method keys the PTT via the audio. It is used on some sound card interfaces (e.g. SignaLink) or if you have VOX set in the transceiver to key off the transmitted audio. When this is selected the programs adds about 120 ms of additional leader to compensate for the delay VOX keying introduces.
3) Direct PTT keying via RTS or DTR lines. This uses a separate (not the same port used to program the radio’s frequency) RS232 port to key the VOX from either the RTS or DTR lines. Those lines may need level conditioning to actually key the PTT line (usually an open collector to 5 volts or such). Some sound card interfaces use this.

Hope this helps.

Rick KN6KB

From: cr88a
Sent: Monday, May 02, 2011 7:35 PM
To: mailto:V4Protocol%40yahoogroups.com
Subject: [V4Protocol] FT-450 control

Having a problem getting the V4Chat to control the rig, suspect I'm not understanding the instructions.

I have been running psk, jt65, rtty, and Olivia with this setup, which is a Windows 7 32 bit system with actual serial port cards and a Yaesu FT-450AT. I've been runing Mixw, FLdigi and HRD. PCC-450 also works. I've turned off all software firewalls.

Problem is, with nothing else running V4Chat doesn't control the rig and the two tone test doesn't do t/r switching.

I've set the "radio control" parameters to COM3, 19.2 and RTS, same as HRD.

In trying to understand the Help instructions I see under the "Radio Control" section of the setup "Radio Command (some radios) through the Radio Control Port. " Now this paragraph, which describes the t/r method I intend to use, doesn't specify how to set the PTT Port (optional) parameter. I've tried setting it to "external" and to COM3 with all possible RTS and DTR combinations on "Radio Control Port" and PTT Port (optional). I also tried setting "Radio Control Port" to None and PTT Port (optional) to COM3 with all combinations of RTS and DTR.

I think this "Radio Command" paragraph is saying that when set to FT-450 the V4Chat should read the frequency and do t/r...it doesn't and I don't know what to do next.

I'm also not sure what the Help is saying with troubleshooting port conflicts. The chat program is telling me the TNC is OK on port 8510. Does that in fact mean the chat is communicating with the virtual TNC? Do I have to open up the port in the router that connects this computer to the LAN and WAN?

FEC loopback works fine.

Thanks for any help.

-Pete
WB2QLL
Somers, WI

917. Re: [V4Protocol] FT-450 control

Yahoo group: V4Protocol
Date: 2011-05-05 01:22:23 UTC
From: Pete Ferrand
Topic: 902 Message: 917

Hi Rick:

You can download the CAT manual from the Yaesu site at:

http://yaesu.com/indexVS.cfm?cmd=DisplayProducts&ProdCatID=102&encProdID=870B3CA7CFCB61E6A599B0EFEA2217E4&DivisionID=65&isArchived=0

Then just click on the Files section. I tried the 450 and 950 selection on V4 without success.

73,

-Pete

-----Original Message-----
From: Rick Muething
Sent: May 3, 2011 3:40 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] FT-450 control

Pete,

One of the setups is to use the CAT command to key the PTT. IF your radio supports it. Try selecting one of the other Yaesu models if yours isn’t listed.

Can you send me the details of the CAT command for the FT-450? Basically I need the command info for:
PTT On/OFF
Set Frequency
Set mode (LSB, USB etc)

An electronic copy of the CAT manual will be best.

Rick KN6KB

From: Pete Ferrand
Sent: Tuesday, May 03, 2011 4:20 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] FT-450 control

Hi Rick:

Thanks, still confused. I would hope that since these other programs send a cat command to do t/r switching you could do the same thing. I'd prefer not to use DTR/RTS if possible and I haven't used it thus far. I don't use an interface as such with any of these other programs.

I have used ARQ with AMTOR years ago and I miss it, I think it will be great improvement when you get it going, a great improvement over PSK31.

Again, the best thing is to send a cat command to the rig. Can you do this? I'd think that is what happens when I select FT-450 in the config.

Again, for method (1) if I set "Radio Command" to com3, what do I set "PTT Port (optional)" to?

-Pete

-----Original Message-----
From: Rick Muething
Sent: May 3, 2011 2:50 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] FT-450 control

Pete,

Yes I will have to double check the code but I am pretty sure in V4 the same com port is not used to send both the serial control commands and to key the PTT with DTR or RTS. While I know some sound card interfaces do that there are a number of radios that require DTR and/or RTS be in specific states and do not allow using them simultaneously with the normal serial control port. Part of the issue here is that for ARQ modes (which V4 will have soon and WINMOR already has) it is important to carefully control any delay introduced to the PTT) and using some of these interfaces does introduce unacceptable delay (in ARQ you must switch back and forth rapidly between sending and receiving).

Rick KN6KB

From: Pete Ferrand
Sent: Tuesday, May 03, 2011 10:32 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] FT-450 control

Rick, thanks for getting back to me.

So the loop back means that part I understand and is working.

As to t/r switching, I was hoping to use method (1) to avoid tying up another port and since the vox on the rig is disabled in data modes.

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Thanks again.

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Hope this helps.

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communicating with the virtual TNC? Do I have to open up the port in the router that connects this computer to the LAN and WAN?

FEC loopback works fine.

Thanks for any help.

-Pete
WB2QLL
Somers, WI

918. First V4 Contact - Thanks WB2QLL

Yahoo group: V4Protocol
Date: 2011-05-14 16:47:31 UTC
From: wb4son
Topic: 918 Message: 918

Thanks Pete, first attempt at V4 QSO. Bad fading on 20 meters this morning.

Using an Icom 9100 here, once setup correctly for rig/rate/ports/levels things seemed to be working just fine. Seems to need less audio out and more audio in that HRD modes, or JT65-HF.

Hope to bump into you when conditions are better.

73, Bob, WB4SON

919. Mode for logging?

Yahoo group: V4Protocol
Date: 2011-05-14 21:09:08 UTC
From: wb4son
Topic: 919 Message: 919

I did a search and saw one user asked a similar question but there was no response

What is the recommended mode for entry in logging programs? Something like FK4 or PSK4?

LotW is pretty picky about what it will accept.

73, Bob, WB4SON

920. Re: [V4Protocol] Mode for logging?

Yahoo group: V4Protocol
Date: 2011-05-15 00:49:56 UTC
From: Rick Muething
Topic: 919 Message: 920

V4 always uses 4FSK (one tone out of 4 possible for 2 bits per symbol). Unlike WINMOR it does not do mode shifting. Its goal is to provide the most robust mechanism that fits into 200 Hz and supports modest typing speed (40-50 WPM).

I am working on a new release that uses interleaving for some significant improvement in robustness and including ARQ. I may release the Interleaved version before the ARQ. The only problem is we will all have to switch over to the latest version. The interlaced version is not compatible with the current version on the reflector. Interleaving creates a significant improvement on multipath and fading channels like we see on HF. It has no benefit (or harm) on white noise channels.

I hope to make an announcement of the new version this week.

Rick Muething, KN6KB

From: wb4son
Sent: Saturday, May 14, 2011 5:09 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Mode for logging?

I did a search and saw one user asked a similar question but there was no response

What is the recommended mode for entry in logging programs? Something like FK4 or PSK4?

LotW is pretty picky about what it will accept.

73, Bob, WB4SON

921. Re: [V4Protocol] First V4 Contact - Thanks WB2QLL

Yahoo group: V4Protocol
Date: 2011-05-15 05:20:22 UTC
From: Pete Ferrand
Topic: 918 Message: 921

>Thanks Pete, first attempt at V4 QSO. Bad fading on 20 meters this morning.
>
>Using an Icom 9100 here, once setup correctly for rig/rate/ports/levels things seemed to be working just fine. Seems to need less audio out and more audio in that HRD modes, or JT65-HF.
>
>Hope to bump into you when conditions are better.
>
>73, Bob, WB4SON

You're welcome Bob, that was my third. Good to print you and the signal was 100% for the few moments I saw it. I'm able to spend much time on the air but hope to catch you again.

73,
-Pete
WB2QLL
Somers, WI

922. Why I can not connect others ?

Yahoo group: V4Protocol
Date: 2011-05-18 13:41:03 UTC
From: Abel
Topic: 922 Message: 922

I have been calling CQ for several days in 14073 / 14074 with no luck.
After every call I only see green pionts in Constelation but nothing
else. I see red underlined strange figures. Any letters / numbers.
How can I fix it ?
EA3AQS - Abel

923. Re: [V4Protocol] Why I can not connect others ?

Yahoo group: V4Protocol
Date: 2011-05-18 15:10:40 UTC
From: Rick Muething
Topic: 922 Message: 923

Abel.

Do you hear anyone answering your CQ? To get a reply:

1) Someone must be listening on your frequency (within the tuning range they have set up).
2) The signals must be strong or clean enough to be decoded.
3) They must answer you and you must be able to decode their signal. If you can't hear their reply it is not likely you can decode it.

Red letters with strikethrough indicate data received but failed the CRC check (FEC could not correct all the errors). For FEC modes you can't do anything about this though you may be able to read some of the Red data that was not clobbered. When the ARQ mode is operational (I am working on it) it will automatically repeat until it is corrected so will only print corrected data.

Read the help and papers on V4 for more information.

Rick Muething, KN6KB

From: Abel
Sent: Wednesday, May 18, 2011 9:41 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Why I can not connect others ?

I have been calling CQ for several days in 14073 / 14074 with no luck.
After every call I only see green pionts in Constelation but nothing
else. I see red underlined strange figures. Any letters / numbers.
How can I fix it ?
EA3AQS - Abel

924. 20m QRG?

Yahoo group: V4Protocol
Date: 2011-05-18 15:41:49 UTC
From: Juhani
Topic: 924 Message: 924

Hello all. I'm on V4 again after long pause.
What QRG is in use now 14073 or 14103 MHz?
On 14073 is often full of HELL staions...
73 "yussi" OH7TE

925. A few brave soles need to test the new V4 ARQ version

Yahoo group: V4Protocol
Date: 2011-05-23 20:32:21 UTC
From: Rick Muething
Topic: 925 Message: 925

All,

I am in the final stages of testing the new V4 ARQ mode. This is a nice improvement allowing two stations to exchange error free data (after FEC and ARQ) even in pretty poor conditions. I am in the final stages of testing and updating the help files for V4 and V4Chat. ARQ is a few percent slower than FEC (due to the ACK/NAK) but gives perfect copy (or no copy at all if things are really bad!).

I would like a few (no more than 5) brave individuals with some experience with the V4 FEC mode to test out the install, help and test ARQ and FEC operation before posting the files for the entire group (there is always something that will go wrong!)

One important thing on this new version: I am going to an interleaved transmission scheme (where the symbols are sent in a more randomized order and then deinterleaved at the receiver). My testing of this over many different channel types suggests it offers some significant improvement especially on burst noise, multipath and static crashes over the non interleaved version that was used before. The only downside to interleaving is that it is NOT compatible with the current posted version so it will require an update. The interleaved version is the same speed, same 200 Hz bandwidth and sounds exactly the same as before .only the order of symbol transmission is changed. The new version 0.2.0.0 will include Monitor, FEC and ARQ modes

If you are game for this and want to try and set up some test FEC or ARQ session I would appreciate it.

If interested contact me directly at rmuethingATcfl.rr.com and I will send you a zip package later this week. Thanks.

73,

Rick Muething, KN6KB

.

926. RE: [V4Protocol] A few brave soles need to test the new V4 ARQ version

Yahoo group: V4Protocol
Date: 2011-05-23 20:48:11 UTC
From: Kirk, K6KAR
Topic: 925 Message: 926

Rick,

As one of the first users of V4, I'd be happy to test and run the new version. Quite anxious to see it.

73

Kirk, K6KAR

Niceville, FL.

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Monday, May 23, 2011 3:32 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] A few brave soles need to test the new V4 ARQ version

All,

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73,

Rick Muething, KN6KB

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927. RE: [V4Protocol] A few brave soles need to test the new V4 ARQ version

Yahoo group: V4Protocol
Date: 2011-05-23 23:34:06 UTC
From: Lee Swanson
Topic: 925 Message: 927

Consider me yet another brave soul. I really want to see the V4 ARQ mode fly like an eagle.

Lee / NR5G
Rockwall, TX

To: V4Protocol@...m
From: kirk.harding@...
Date: Mon, 23 May 2011 15:48:11 -0500
Subject: RE: [V4Protocol] A few brave soles need to test the new V4 ARQ version

Rick, As one of the first users of V4, I'd be happy to test and run the new version. Quite anxious to see it. 73 Kirk, K6KARNiceville, FL. From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Monday, May 23, 2011 3:32 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] A few brave soles need to test the new V4 ARQ version All, I am in the final stages of testing the new V4 ARQ mode. This is a nice improvement allowing two stations to exchange error free data (after FEC and ARQ) even in pretty poor conditions. I am in the final stages of testing and updating the help files for V4 and V4Chat. ARQ is a few percent slower than FEC (due to the ACK/NAK) but gives perfect copy (or no copy at all if things are really bad!). I would like a few (no more than 5) brave individuals with some experience with the V4 FEC mode to test out the install, help and test ARQ and FEC operation before posting the files for the entire group (there is always something that will go wrong!) One important thing on this new version: I am going to an interleaved transmission scheme (where the symbols are sent in a more randomized order and then deinterleaved at the receiver). My testing of this over many different channel types suggests it offers some significant improvement especially on burst noise, multipath and static crashes over the non interleaved version that was used before. The only downside to interleaving is that it is NOT compatible with the current posted version so it will require an update. The interleaved version is the same speed, same 200 Hz bandwidth and sounds exactly the same as before …only the order of symbol transmission is changed. The new version 0.2.0.0 will include Monitor, FEC and ARQ modes If you are game for this and want to try and set up some test FEC or ARQ session I would appreciate it. If interested contact me directly at rmuethingATcfl.rr.com and I will send you a zip package later this week. Thanks. 73, Rick Muething, KN6KB.

928. Re: [V4Protocol] A few brave soles need to test the new V4 ARQ version

Yahoo group: V4Protocol
Date: 2011-05-24 00:04:37 UTC
From: Andy obrien
Topic: 925 Message: 928

Count me in if needed,
Andy K3UK

On Mon, May 23, 2011 at 7:34 PM, Lee Swanson <nr5g@...> wrote:

>
>
> Consider me yet another brave soul. I really want to see the V4 ARQ mode
> fly like an eagle.
>
> Lee / NR5G
> Rockwall, TX
>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: kirk.harding@...
> Date: Mon, 23 May 2011 15:48:11 -0500
> Subject: RE: [V4Protocol] A few brave soles need to test the new V4 ARQ
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> Rick,
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>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Rick Muething
> *Sent:* Monday, May 23, 2011 3:32 PM

> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] A few brave soles need to test the new V4 ARQ
> version
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>
> All,
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> I am in the final stages of testing the new V4 ARQ mode. This is a nice
> improvement allowing two stations to exchange error free data (after FEC and
> ARQ) even in pretty poor conditions. I am in the final stages of testing
> and updating the help files for V4 and V4Chat. ARQ is a few percent slower
> than FEC (due to the ACK/NAK) but gives perfect copy (or no copy at all if
> things are really bad!).
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> I would like a few (no more than 5) brave individuals with some experience
> with the V4 FEC mode to test out the install, help and test ARQ and FEC
> operation before posting the files for the entire group (there is always
> something that will go wrong!)
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> One important thing on this new version: I am going to an interleaved
> transmission scheme (where the symbols are sent in a more randomized order
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> different channel types suggests it offers some significant improvement
> especially on burst noise, multipath and static crashes over the non
> interleaved version that was used before. The only downside to interleaving
> is that it is NOT compatible with the current posted version so it will
> require an update. The interleaved version is the same speed, same 200 Hz
> bandwidth and sounds exactly the same as before …only the order of symbol
> transmission is changed. The new version 0.2.0.0 will include Monitor, FEC
> and ARQ modes
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> If you are game for this and want to try and set up some test FEC or ARQ
> session I would appreciate it.
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> If interested contact me directly at rmuethingATcfl.rr.com and I will send
> you a zip package later this week. Thanks.
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> 73,
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> Rick Muething, KN6KB
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929. Re: [V4Protocol] A few brave soles need to test the new V4 ARQ version

Yahoo group: V4Protocol
Date: 2011-05-24 00:14:36 UTC
From: Dick Lamberson
Topic: 925 Message: 929

Same here - and thanks for all your work!
Dick, w4web

----- Original Message -----
From: Andy obrien
To: V4Protocol@yahoogroups.com
Sent: Monday, May 23, 2011 8:04 PM
Subject: Re: [V4Protocol] A few brave soles need to test the new V4 ARQ version

Count me in if needed,
Andy K3UK

On Mon, May 23, 2011 at 7:34 PM, Lee Swanson <nr5g@...> wrote:

Consider me yet another brave soul. I really want to see the V4 ARQ mode fly like an eagle.

Lee / NR5G
Rockwall, TX

To: V4Protocol@yahoogroups.com
From: kirk.harding@...
Date: Mon, 23 May 2011 15:48:11 -0500
Subject: RE: [V4Protocol] A few brave soles need to test the new V4 ARQ version

Rick,

As one of the first users of V4, I'd be happy to test and run the new version. Quite anxious to see it.

73

Kirk, K6KAR

Niceville, FL.

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Monday, May 23, 2011 3:32 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] A few brave soles need to test the new V4 ARQ version

All,

I am in the final stages of testing the new V4 ARQ mode. This is a nice improvement allowing two stations to exchange error free data (after FEC and ARQ) even in pretty poor conditions. I am in the final stages of testing and updating the help files for V4 and V4Chat. ARQ is a few percent slower than FEC (due to the ACK/NAK) but gives perfect copy

(or no copy at all if things are really bad!).

I would like a few (no more than 5) brave individuals with some experience with the V4 FEC mode to test out the install, help and test ARQ and FEC operation before posting the files for the entire group (there is always something that will go wrong!)

One important thing on this new version: I am going to an interleaved transmission scheme (where the symbols are sent in a more randomized order and then deinterleaved at the receiver). My testing of this over many different channel types suggests it offers some significant improvement especially on burst noise, multipath and static crashes over the non interleaved version that was used before. The only downside to interleaving is that it is NOT compatible with the current posted version so it will require an update. The interleaved version is the same speed, same 200 Hz bandwidth and sounds exactly the same as before …only the order of symbol transmission is changed. The new version 0.2.0.0 will include Monitor, FEC and ARQ modes

If you are game for this and want to try and set up some test FEC or ARQ session I would appreciate it.

If interested contact me directly at rmuethingATcfl.rr.com and I will send you a zip package later this week. Thanks.

73,

Rick Muething, KN6KB

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930. Re: [V4Protocol] A few brave soles need to test the new V4 ARQ version

Yahoo group: V4Protocol
Date: 2011-05-24 01:52:17 UTC
From: W6IDS
Topic: 925 Message: 930

Count me in if there's room on the plane. . . .

Howard W6IDS
Richmond, IN Em79NV
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Monday, May 23, 2011 4:32 PM
Subject: [V4Protocol] A few brave soles need to test the new V4 ARQ version

All,

I am in the final stages of testing the new V4 ARQ mode. This is a nice improvement allowing two stations to exchange error free data (after FEC and ARQ) even in pretty poor conditions. I am in the final stages of testing and updating the help files for V4 and V4Chat. ARQ is a few percent slower than FEC (due to the ACK/NAK) but gives perfect copy (or no copy at all if things are really bad!).

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If you are game for this and want to try and set up some test FEC or ARQ session I would appreciate it.

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Rick Muething, KN6KB

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931. Re: [V4Protocol] A few brave soles need to test the new V4 ARQ version

Yahoo group: V4Protocol
Date: 2011-05-24 02:23:24 UTC
From: Phil Williams
Topic: 925 Message: 931

Sounds dangerous. I'm game. I assume the primary goal of this test is wring
out the protocol?

philw de ka1gmn

On Mon, May 23, 2011 at 3:32 PM, Rick Muething <rmuething@...> wrote:

>
>
> All,
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> I am in the final stages of testing the new V4 ARQ mode. This is a nice
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> 73,
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> Rick Muething, KN6KB
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Philw de KA1GMN

932. V4 Interleave

Yahoo group: V4Protocol
Date: 2011-05-24 11:45:19 UTC
From: Daniel V. Wolff, Jr.
Topic: 932 Message: 932

Hello Rick.

I have a question about the interleave method you are using? I think I understand the term "interleave" but I'd like to be sure, as you've implemented it.

In the RTTY days of old there used to be something frequently used in commercial and military called a "Time-Division Multiplexer" or also the "Time Diversity Modem" (TDM). The one we TDM is a mode resembling FEC AMTOR. TDM uses one sub-carrier, but assigns separate data channels to different time slots. The MD-1142 (aka TDM BR 6029C) has two modes of operation both are full duplex (the receiver and transmitter sections are fully independent), in the Internal Multiplexer Mode a single TTY signal is fed to 7 different channels and the signal in each channel is time delayed by 1 second form all the other channels. In addition there is a pilot tone at 561.1 Hz and the MARK/SPACE FSK shift of each tone was 85 Hz (if I recall). This mode of operation provides a high probability of getting the message through. In the External Multiplexer Mode each of the 8 channels is fed or receives a separate data stream so it does not have the redundancy of the IMM. In time order the channels are:

Chan # Center Freq Delay sec.

3 1530 Hz 0

7 2890 Hz 1

1 850 Hz 2

4 1870 Hz 3

6 2550 Hz 4

2 1190 Hz 5

5 2210 Hz 7

8 561.1 Hz pilot tone

Each of the channels transmitted the same information but each delayed by 1 second. The receiving TDM would receive all channels but vote on the best five matching channels to give an output. The redundant transmitted data on different tone pairs with the delay insured to get the data through on noisy channels. The result was an error free transmission nearly every time. The TDM worked very well for RTTY and I always thought they'd be good for implementation for the new PSK modes used in ham radio but never saw them. There is an initial 8 second latency from the start of transmission but that was never a problem for a long broadcast. Do you remember the TDM? They

were pretty slick.

Anyway, does your interleave work in a similar manner, assigning the same data to different channels with a delay between channels? I'd like to understand better how you've implemented the interleave process in V4.

Also, could you send me the V4 ARQ version so I can test it in Europe? Thanks.

73,

Daniel V. Wolff, Jr.
DL4VCW / KA7AGN / AEM1WF (MARS)
<http://www.qsl.net/dl4vcw/> http://www.qsl.net/dl4vcw/

<http://www.qsl.net/ka7agn/> http://www.qsl.net/ka7agn/

<http://www.qsl.net/aem1wf/> http://www.qsl.net/aem1wf/

Classification: UNCLASSIFIED
Caveats: NONE

<http://groups.yahoo.com/group/V4Protocol/message/925;_ylc=X3oDMTJxYWU0M2E4BF9TAzk3MzU5NzE1BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAM5MjUEc2VjA2Rtc2cEc2xrA3Ztc2cEc3RpbWUDMTMwNjIzMTQyNA--> A few brave soles need to test the new V4 ARQ version

Posted by: "Rick Muething"
<mailto:rmuething@...?Subject=%20Re%3A%20A%20few%20brave%20soles%20needed%20to%20test%20the%20new%20V4%20ARQ%20version> rmuething@...
<http://profiles.yahoo.com/kn6kb> kn6kb

Mon May 23, 2011 1:32 pm (PDT)

All,

I am in the final stages of testing the new V4 ARQ mode. This is a nice improvement allowing two stations to exchange error free data (after FEC and ARQ) even in pretty poor conditions. I am in the final stages of testing and updating the help files for V4 and V4Chat. ARQ is a few percent slower than FEC (due to the ACK/NAK) but gives perfect copy (or no copy at all if things are really bad!).

I would like a few (no more than 5) brave individuals with some experience with the V4 FEC mode to test out the install, help and test ARQ and FEC operation before posting the files for the entire group (there is always something that will go wrong!)

One important thing on this new version: I am going to an interleaved transmission scheme (where the symbols are sent in a more randomized order and then deinterleaved at the receiver). My testing of this over many different channel types suggests it offers some significant improvement especially on burst noise, multipath and static crashes over the non interleaved version that was used before. The only downside to interleaving

is that it is NOT compatible with the current posted version so it will require an update. The interleaved version is the same speed, same 200 Hz bandwidth and sounds exactly the same as before .only the order of symbol transmission is changed. The new version 0.2.0.0 will include Monitor, FEC and ARQ modes

If you are game for this and want to try and set up some test FEC or ARQ session I would appreciate it.

If interested contact me directly at rmuethingATcfl.rr.com and I will send you a zip package later this week. Thanks.

73,

Rick Muething, KN6KB

933. Re: [V4Protocol] A few brave soles need to test the new V4 ARQ version

Yahoo group: V4Protocol
Date: 2011-05-24 12:16:26 UTC
From: Owen Mitchell
Topic: 925 Message: 933

I am onboard ship for the challange. Would give it a go.

Owen / KB5XE

Sounds dangerous. I'm game. I assume the primary goal of this test is wring out the protocol?

philw de ka1gmn

On Mon, May 23, 2011 at 3:32 PM, Rick Muething <rmuething@...> wrote:

All,

I am in the final stages of testing the new V4 ARQ mode. This is a nice improvement allowing two stations to exchange error free data (after FEC and ARQ) even in pretty poor conditions. I am in the final stages of testing and updating the help files for V4 and V4Chat. ARQ is a few percent slower than FEC (due to the ACK/NAK) but gives perfect copy (or no copy at all if things are really bad!).

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Rick Muething, KN6KB
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Philw de KA1GMN

934. Re: [V4Protocol] V4 Interleave

Yahoo group: V4Protocol
Date: 2011-05-24 13:27:56 UTC
From: Rick Muething
Topic: 932 Message: 934

Daniel,

What you described is truly Time division multiplexing but using redundant interleaved data streams. That is not what is being used in V4. Here interleave is being used in the common code term where the sequence of code symbols is rearranged (interleaved) to achieve a specific purpose.

The reason for interleaving coded symbols has to do with the type of Error correcting code used and the expected type of channel errors. In V4 a fairly powerful Viterbi code of rate 1/2 K=7 code is used (sometimes called the Viking code after the Viking spacecraft that used it). The Rate 1/2 means that the code contains 1 FEC (error correcting) bit per each bit of information (in other words the code expands the data by a factor of 2). The length 7 means that the convolutional code used spreads each symbol out over 7 symbol times in an overlapping sequence).

Now the Viterbi decoder is very powerful on random errors but clusters of errors (2 or more errors in a row) significantly reduce the strength of the FEC code and cause more symbol decode errors. One way to improve on this is to take the Viterbi encoded symbols (in V4 there are 126 such 2 bit symbols per data frame) and instead of sending them in the normal order (as they come out of the Viterbi encoder) scramble them in some different sequence. In this version I am using what is called a simple block interleaver to do this. So instead of sending the Viterbi encoded symbols in normal sequence 1,2,3, ...126. They are sent “interleaved” like 1,10,19,28,...2,11,20,29....126. Now the receiving station (knowing the interleave mechanism used) simply re orders the received symbols back to their original Viterbi order BEFORE trying to decode them using the Viterbi decoder. You can see if there were a burst error during transmission say from static where 5 sequential symbols were wiped out this would now be spread in time to the same 5 errors but spread out in time (non adjacent). The Viterbi decoder handles these more randomly distributed errors much better. The net result is a decrease in frame error rate for burst, static and short term multipath errors. In simulations over thousands of frames I saw an improvement in frame success from about 50% (no interleave) to near 80% (interleaved) over poor channels (S/N = −5dB, CCIR Multipath poor channel). That is equivalent to about doubling your transmission power. For random white noise Interleaving is no benefit (but doesn’t harm) but most HF propagation is much worse than white Gaussian noise channels.

The only downside to interleaving is that you must capture and store all the interleaved symbols before decoding. For V4 this is not a concern since there are only 126 symbols per frame and the frame is not decoded until the entire frame is captured.
Hope this helps answer your question. Here is a Wikipedia reference
http://en.wikipedia.org/wiki/Interleaving
Rick Muething, KN6KB
From: Daniel V. Wolff, Jr.
Sent: Tuesday, May 24, 2011 7:45 AM
To: Rick Muething (KN6KB)
Cc: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Interleave

Hello Rick.

I have a question about the interleave method you are using? I think I understand the term “interleave” but I’d like to be sure, as you’ve implemented it.

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Also, could you send me the V4 ARQ version so I can test it in Europe? Thanks.

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Daniel V. Wolff, Jr.
DL4VCW / KA7AGN / AEM1WF (MARS)

http://www.qsl.net/dl4vcw/

http://www.qsl.net/ka7agn/

http://www.qsl.net/aem1wf/

Classification: UNCLASSIFIED
Caveats: NONE

A few brave soles need to test the new V4 ARQ version
Posted by: "Rick Muething" rmuething@... kn6kb
Mon May 23, 2011 1:32 pm (PDT)

All,

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If interested contact me directly at rmuethingATcfl.rr.com and I will send you a zip package later this week. Thanks.

73,

Rick Muething, KN6KB

935. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-05-25 11:50:30 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 935

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /Spec for the Viterbi 4FSK Protocol.pdf
Uploaded by : kn6kb <rmuething@...>
Description : Specification for the V4 Protocol (pdf)

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/Spec%20for%20the%20Viterbi%204FSK%20Protocol.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

936. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-05-25 17:19:50 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 936

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.2.0.0.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4 Chat (including updated V4 TNC) that supports ARQ Mode. Full install with Help and documentation.

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.2.0.0.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

937. New Version of V4 Chat (with V4 TNC) with ARQ mode updloaded.

Yahoo group: V4Protocol
Date: 2011-05-25 17:44:37 UTC
From: Rick Muething
Topic: 937 Message: 937

****** IMPORTANT MESSAGE ABOUT UPGRADING ********

All,

I have had some initial responses from the early testers that indicate at least the basics of the new release (Install, ARQ connects) are working as planned so I have uploaded the new install file for general use.

I am sure there are still some problems with this new version (many additions and changes) and there is still some tweaking and timing optimization to complete. There will probably be additional updates in the next week or so.

IMPORTANT!!! This new version and ALL following versions are NOT COMPATIBLE with the prior versions. This is due to the addition of interleaving which improves robustness in certain channels. The old version should no longer be used and will not be supported.

Download the V4Chat 0.2.0.0 zip file. Unzip to a temp directory. READ THE READ ME FIRST FILE for instructions. If done correctly this will not loose any of your settings in your existing ini file (from the previous version). You will have to uninstall the existing version and re install using the new version.

Once installed start V4Chat and open the help file. Read the suggestions on FEC and ARQ connections and a suggestion on how to initiate a ARQ “CQ” and how to Answer the “CQ”. Since ARQ uses rapid and frequent Transmit receive switching it is ESSENTIAL that you have no additional hold or delay on the PTT line for this to work. Check the trouble shooting section of the help for problems. If you are using WINMOR the same setup that works for WINMOR should work fine for V4 ARQ. If you have not used an ARQ mode before please read about the ARQ mode and look at the ARQ state diagram in the V4Chat help.

If you have problems YOU MUST enable debug logging, capture the problem session and send me the debug log (V4 TNC Debug <date>.log) and any exception logs. Please indicate the approximate time (UTC) of the problem.... (This really helps....I don’t have time to look through hundreds of K of logs). Send the log as an attachment DIRECTLY to rmuethingATcfl.rr.com and I will try and take a look at it. Posting a message saying “its broke” or “it crashed” is of no value and will not receive support (at least from me!).

At least until we flush out any bugs remaining in the ARQ mechanism PLEASE do not request feature, cosmetic or “fluff” additions or additional radio drivers. It is important to get the ARQ mode evaluated and tuned up before doing these kind of additions.

I will also post a new Development file of just the TNC with documentation. Other developers can use this (treating the V4 TNC similar to a hardware TNC) and integrate V4 into their applications. Unless you are doing development work you should not need this file or its documentation.

Good luck and have fun!

Rick Muething, KN6KB

938. Re: [V4Protocol] New Version of V4 Chat (with V4 TNC) with ARQ mode updloaded.

Yahoo group: V4Protocol
Date: 2011-05-25 18:34:00 UTC
From: Dick Lamberson
Topic: 937 Message: 938

Currently on 14.103 calling cq via arq ...
W4WEB

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Wednesday, May 25, 2011 1:44 PM
Subject: [V4Protocol] New Version of V4 Chat (with V4 TNC) with ARQ mode updloaded.

****** IMPORTANT MESSAGE ABOUT UPGRADING ********

All,

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I am sure there are still some problems with this new version (many additions and changes) and there is still some tweaking and timing optimization to complete. There will probably be additional updates in the next week or so.

IMPORTANT!!! This new version and ALL following versions are NOT COMPATIBLE with the prior versions. This is due to the addition of interleaving which improves robustness in certain channels. The old version should no longer be used and will not be supported.

Download the V4Chat 0.2.0.0 zip file. Unzip to a temp directory. READ THE READ ME FIRST FILE for instructions. If done correctly this will not loose any of your settings in your existing ini file (from the previous version). You will have to uninstall the existing version and re install using the new version.

Once installed start V4Chat and open the help file. Read the suggestions on FEC and ARQ connections and a suggestion on how to initiate a ARQ “CQ” and how to Answer the “CQ”. Since ARQ uses rapid and frequent Transmit receive switching it is ESSENTIAL that you have no additional hold or delay on the PTT line for this to work. Check the trouble shooting section of the help for problems. If you are using WINMOR the same setup that works for WINMOR should work fine for V4 ARQ. If you have not used an ARQ mode before please read about the ARQ mode and look at the ARQ state diagram in the V4Chat help.

If you have problems YOU MUST enable debug logging, capture the problem session and send me the debug log (V4 TNC Debug <date>.log) and any exception logs. Please indicate the approximate time (UTC) of the problem.... (This really helps....I don’t have time to look through hundreds of K of logs). Send the log as an attachment DIRECTLY to rmuethingATcfl.rr.com and I will try and take a look at it. Posting a message saying “its broke” or “it crashed” is of no value and will not receive support (at least from me!).

At least until we flush out any bugs remaining in the ARQ mechanism PLEASE do not request feature, cosmetic or “fluff” additions or additional radio drivers. It is important to get the ARQ mode evaluated and tuned up before doing these kind of additions.

I will also post a new Development file of just the TNC with documentation. Other developers can use this (treating the V4 TNC similar to a hardware TNC) and integrate V4 into their applications. Unless you are doing development work you should not need this file or its documentation.

Good luck and have fun!

Rick Muething, KN6KB

939. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-05-25 18:25:05 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 939

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4 TNC 0.2.0.0 for Developers.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4 TNC 0.2.0.0 with all support files and documentation for developers. Not required if installing V4Chat.

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4%20TNC%200.2.0.0%20for%20Developers.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

940. Re: [V4Protocol] New Version of V4 Chat (with V4 TNC) with ARQ mode updloaded.

Yahoo group: V4Protocol
Date: 2011-05-25 18:51:42 UTC
From: W6IDS
Topic: 937 Message: 940

PacTOR PIII and NETWORK 105 too close, Dick. Freq
not useable.

14073.000 DIAL seems clear enough FYI.

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Wednesday, May 25, 2011 2:34 PM
Subject: Re: [V4Protocol] New Version of V4 Chat (with V4 TNC) with ARQ mode updloaded.

☐

Currently on 14.103 calling cq via arq ...
W4WEB

941. Re: [V4Protocol] New Version of V4 Chat (with V4 TNC) with ARQ mode updloaded.

Yahoo group: V4Protocol
Date: 2011-05-25 18:59:09 UTC
From: Dick Lamberson
Topic: 937 Message: 941

rgr - 14073 it is....

----- Original Message -----
From: W6IDS
To: V4Protocol@yahoogroups.com
Sent: Wednesday, May 25, 2011 2:51 PM
Subject: Re: [V4Protocol] New Version of V4 Chat (with V4 TNC) with ARQ mode updloaded.

☐

PacTOR PIII and NETWORK 105 too close, Dick. Freq
not useable.

14073.000 DIAL seems clear enough FYI.

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Wednesday, May 25, 2011 2:34 PM
Subject: Re: [V4Protocol] New Version of V4 Chat (with V4 TNC) with ARQ mode updloaded.

☐
Currently on 14.103 calling cq via arq ...
W4WEB

942. V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-25 19:53:30 UTC
From: Robert Belize
Topic: 942 Message: 942

All.... I wonder what will happen if one station calls CQ and 10 other receiving stations listening in (ARQ) mode? Will they all answer at the same time? What will happen?

de V31AE

943. Re: [V4Protocol] V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-25 20:18:04 UTC
From: Rick Muething
Topic: 942 Message: 943

Robert,

The same thing that would happen in any other ARQ mode (Pactor, Packet or WINMOR) is that you would have chaos since you can't reliably decode a signal if there are 10 stations transmitting at the same time. It is not possible to maintain an ARQ connection with more than two stations at the same time. There can only be one the IRS and one the ISS.

Rick KN6KB

From: Robert Belize
Sent: Wednesday, May 25, 2011 3:53 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 ARQ

All.... I wonder what will happen if one station calls CQ and 10 other receiving stations listening in (ARQ) mode? Will they all answer at the same time? What will happen?

de V31AE

944. AW: [V4Protocol] V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-25 20:56:03 UTC
From: Siegfried Jackstien
Topic: 942 Message: 944

Thatc problem is well known ... packet radio had the same proböems before uin da,a software
Dg9bfc
Sigi
Ps: cq calls in fec ... after qso starts ask the qso partner to switch to arg if you want a longer chat ... that would be the way to go

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Robert Belize
> Gesendet: Mittwoch, 25. Mai 2011 19:54
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] V4 ARQ
>
>
>
> All.... I wonder what will happen if one station calls CQ and 10 other
> receiving stations listening in (ARQ) mode? Will they all answer at the
> same time? What will happen?
>
> de V31AE
>
>
>
>

945. AW: [V4Protocol] V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-25 21:09:24 UTC
From: Siegfried Jackstien
Topic: 942 Message: 945

Uuups many typos :-)
.....same problems before using dama soft
.....
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Siegfried Jackstien
> Gesendet: Mittwoch, 25. Mai 2011 20:56
> An: V4Protocol@yahoogroups.com
> Betreff: AW: [V4Protocol] V4 ARQ
>
>
>
> Thatc problem is well known ... packet radio had the same proböems before
> uin da,a software
> Dg9bfc
> Sigi
> Ps: cq calls in fec ... after qso starts ask the qso partner to switch to
> arg if you want a longer chat ... that would be the way to go
>
> > -----Ursprüngliche Nachricht-----
> > Von: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> [mailto:V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>]
> Im
> > Auftrag von Robert Belize
> > Gesendet: Mittwoch, 25. Mai 2011 19:54
> > An: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > Betreff: [V4Protocol] V4 ARQ
> >
> >
> >
> > All.... I wonder what will happen if one station calls CQ and 10 other
> > receiving stations listening in (ARQ) mode? Will they all answer at the
> > same time? What will happen?
> >
> > de V31AE
> >
> >
> >
> >
>
>
>

>

946. Re: V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-25 21:07:19 UTC
From: Robert Belize
Topic: 942 Message: 946

Hi Rick,
who, out of the 10 stations listening in ARQ mode, will answer and connect to the calling station?
I accidentally tuned into an ongoing qso between two A4/ARQ stations, and noticed that my station also answered and possible interfered.

Robert V31AE

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Robert,
>
> The same thing that would happen in any other ARQ mode (Pactor, Packet or WINMOR) is that you would have chaos since you canâ□□t reliably decode a signal if there are 10 stations transmitting at the same time. It is not possible to maintain an ARQ connection with more than two stations at the same time. There can only be one the IRS and one the ISS.
>
> Rick KN6KB
>
>
> From: Robert Belize
> Sent: Wednesday, May 25, 2011 3:53 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] V4 ARQ
>
>
> All.... I wonder what will happen if one station calls CQ and 10 other receiving stations listening in (ARQ) mode? Will they all answer at the same time? What will happen?
>
> de V31AE
>

947. Re: [V4Protocol] Re: V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-25 21:50:48 UTC
From: Rick Muething
Topic: 942 Message: 947

Robert,
That is why you should listen for CQ's in Monitor mode as described in the suggested ARQ CQ of the help file. (it will show the calling station and CQ message). You can then switch to ARQ to answer. If you tune around while in ARQ mode your station will answer any ARQ query frame and possibly break a connection already established.

The only ways you can have multiple ARQ sessions on the same frequency that I am aware of are:
Packet where you allow a frequency to be time shared. (but even here you can't be connected to two stations at once). Shared packet frequencies are OK on VHF/UHF but don't work very well at all on HF.
or
Some form of spread spectrum modulation where you spread the signal with a pseudo random code allowing multiple stations to operate on the same frequency simultaneously. WiFi does this for example but spread spectrum is not permitted on HF.

I am open for suggestions on mechanisms (either in the V4 TNC software or by operating procedure) to allow the benefits of ARQ connections with minimal chance for interference. But such suggestions need to be thought through with a thorough understanding of the ARQ mechanism and state diagram or what would need to be modified to the state diagram.

The V4 Protocol currently does not use any unique session ID (as is used in WINMOR). This is possible but adds overhead to every V4 frame . Session ID won't eliminate interference caused by multiple stations on the same frequency but it would prevent a station that does not match the session ID from answering a data frame for example. WINMOR uses a 16 bit session ID computed from a Hash of the two connected call signs. But that requires that you make the call (connect request) to a specific call sign not a general "CQ" call. My experience with Pactor is that a CQ is issued as a non connected message (FEC frame) and the answering station then makes a connect request (ARQ) to the station sending the CQ. But if more than one viable responder tries to make a connection to the station calling CQ you have a collision and chaos as you would expect.

My suggestion for testers is to work on two independent issues:
1) Is the V4 ARQ (between 2 stations) working well, reliable and producing solid copy in most channels? Is there any mechanism where the V4 ARQ protocol gets "lost"causing a link timeout" ? (excluding signal drop out of course). If so that needs to be fixed by additional protocol logic rules or states.

2) What is a good procedure for establishing a connection using a combination of Monitor, FEC and ARQ if necessary? Does the protocol really need to have a call sign linked connection ID as in WINMOR and its associated overhead? (I don't think there will often be 10 people answering a V4 CQ unless the caller is a rare DX!)

This is why we beta test to find and solve problems!

Rick KN6KB

From: Robert Belize
Sent: Wednesday, May 25, 2011 5:07 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: V4 ARQ

Hi Rick,
who, out of the 10 stations listening in ARQ mode, will answer and connect to the calling station?
I accidentally tuned into an ongoing qso between two A4/ARQ stations, and noticed that my station also answered and possible interfered.

Robert V31AE

--- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Robert,
>
> The same thing that would happen in any other ARQ mode (Pactor, Packet or WINMOR) is that you would have chaos since you canâ□□t reliably decode a signal if there are 10 stations transmitting at the same time. It is not possible to maintain an ARQ connection with more than two stations at the same time. There can only be one the IRS and one the ISS.
>
> Rick KN6KB
>
>
> From: Robert Belize
> Sent: Wednesday, May 25, 2011 3:53 PM
> To: mailto:V4Protocol%40yahoogroups.com
> Subject: [V4Protocol] V4 ARQ
>
>
> All.... I wonder what will happen if one station calls CQ and 10 other receiving stations listening in (ARQ) mode? Will they all answer at the same time? What will happen?
>
> de V31AE
>

948. Re: V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-25 22:02:11 UTC
From: Robert Belize
Topic: 942 Message: 948

Rick,
It would make sense to me, if the receiving station in ARQ Mode would only respond to a call if it detects it's own call sign.
Robert V31AE

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Robert,
> That is why you should listen for CQâ□□s in Monitor mode as described in the suggested ARQ CQ of the help file. (it will show the calling station and CQ message). You can then switch to ARQ to answer. If you tune around while in ARQ mode your station will answer any ARQ query frame and possibly break a connection already established.
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> or
> Some form of spread spectrum modulation where you spread the signal with a pseudo random code allowing multiple stations to operate on the same frequency simultaneously. WiFi does this for example but spread spectrum is not permitted on HF.
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> I am open for suggestions on mechanisms (either in the V4 TNC software or by operating procedure) to allow the benefits of ARQ connections with minimal chance for interference. But such suggestions need to be thought through with a thorough understanding of the ARQ mechanism and state diagram or what would need to be modified to the state diagram.
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> This is why we beta test to find and solve problems!

>
> Rick KN6KB
>
>
> From: Robert Belize
> Sent: Wednesday, May 25, 2011 5:07 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: V4 ARQ
>
>
> Hi Rick,
> who, out of the 10 stations listening in ARQ mode, will answer and connect to the calling station?
> I accidentally tuned into an ongoing qso between two A4/ARQ stations, and noticed that my station also answered and possible interfered.
>
> Robert V31AE
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> > Robert,
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> > Rick KN6KB
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> >
> > From: Robert Belize
> > Sent: Wednesday, May 25, 2011 3:53 PM
> > To: mailto:V4Protocol%40yahoogroups.com
> > Subject: [V4Protocol] V4 ARQ
> >
> >
> > All.... I wonder what will happen if one station calls CQ and 10 other receiving stations listening in (ARQ) mode? Will they all answer at the same time? What will happen?
> >
> > de V31AE
> >
>

949. Re: [V4Protocol] Re: V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-25 22:10:23 UTC
From: Rick Muething
Topic: 942 Message: 949

Robert. How do you propose a CQ (to anyone) and have the responding station “reply to its own call sign”? The caller of a CQ does not know who will answer. Look at the way it is now done in Pactor or Packet...those are ARQ mechanisms and something like that (sending the CQ in FEC mode) is probably what has to be used.

Rick KN6KB

From: Robert Belize
Sent: Wednesday, May 25, 2011 6:02 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: V4 ARQ

Rick,
It would make sense to me, if the receiving station in ARQ Mode would only respond to a call if it detects it's own call sign.
Robert V31AE

--- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
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> Robert,
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> The only ways you can have multiple ARQ sessions on the same frequency that I am aware of are:
> Packet where you allow a frequency to be time shared. (but even here you canâ□□t be connected to two stations at once). Shared packet frequencies are OK on VHF/UHF but donâ□□t work very well at all on HF.
> or
> Some form of spread spectrum modulation where you spread the signal with a pseudo random code allowing multiple stations to operate on the same frequency simultaneously. WiFi does this for example but spread spectrum is not permitted on HF.
>
> I am open for suggestions on mechanisms (either in the V4 TNC software or by operating procedure) to allow the benefits of ARQ connections with minimal chance for interference. But such suggestions need to be thought through with a thorough understanding of the ARQ mechanism and state diagram or what would need to be modified to the state diagram.
>
> The V4 Protocol currently does not use any unique session ID (as is used in WINMOR). This is possible but adds overhead to every V4 frame . Session ID wonâ□□t eliminate interference caused by multiple stations on the same frequency but it would prevent a station that does not match the session ID from answering a data frame for example. WINMOR uses a 16 bit session ID computed from a Hash of the two connected call signs. But that requires that you make the call (connect request) to a specific call sign not a general â□□CQâ□□ call. My experience with Pactor is that a CQ is issued as a non connected message (FEC frame) and the answering station then makes a connect request (ARQ) to the station sending the CQ. But if more than one viable responder tries to make a connection to the station calling CQ you have a collision and chaos as you would expect.

>
> My suggestion for testers is to work on two independent issues:
> 1) Is the V4 ARQ (between 2 stations) working well, reliable and producing solid copy in most channels? Is there any mechanism where the V4 ARQ protocol gets â□□lostâ□□causing a link timeout" ? (excluding signal drop out of course). If so that needs to be fixed by additional protocol logic rules or states.
>
> 2) What is a good procedure for establishing a connection using a combination of Monitor, FEC and ARQ if necessary? Does the protocol really need to have a call sign linked connection ID as in WINMOR and its associated overhead? (I donâ□□t think there will often be 10 people answering a V4 CQ unless the caller is a rare DX!)
>
> This is why we beta test to find and solve problems!
>
> Rick KN6KB
>
>
> From: Robert Belize
> Sent: Wednesday, May 25, 2011 5:07 PM
> To: mailto:V4Protocol%40yahoogroups.com
> Subject: [V4Protocol] Re: V4 ARQ
>
>
> Hi Rick,
> who, out of the 10 stations listening in ARQ mode, will answer and connect to the calling station?
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> >
> > Rick KN6KB
> >
> >
> > From: Robert Belize
> > Sent: Wednesday, May 25, 2011 3:53 PM
> > To: mailto:V4Protocol%40yahoogroups.com
> > Subject: [V4Protocol] V4 ARQ
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> > All.... I wonder what will happen if one station calls CQ and 10 other receiving stations listening in (ARQ) mode? Will they all answer at the same time? What will happen?
> >

> > de V31AE
> >
>

950. Re: V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-25 22:44:21 UTC
From: Robert Belize
Topic: 942 Message: 950

Rick, as it is, it doesn't need to be a CQ call, any text in the text window, will make other stations answer..
In my opinion a CQ call should be in FEC mode.
Stations then can call each other in ARQ mode (selcal mode)

As is, if anyone leaves his station accidentally unattended in ARQ mode, on any given frequency , that qrg will be blocked.

Robert V31AE

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Robert. How do you propose a CQ (to anyone) and have the responding station â□□reply to its own call signâ□□? The caller of a CQ does not know who will answer. Look at the way it is now done in Pactor or Packet...those are ARQ mechanisms and something like that (sending the CQ in FEC mode) is probably what has to be used.
>
> Rick KN6KB
>
>
> From: Robert Belize
> Sent: Wednesday, May 25, 2011 6:02 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: V4 ARQ
>
>
> Rick,
> It would make sense to me, if the receiving station in ARQ Mode would only respond to a call if it detects it's own call sign.
> Robert V31AE
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> --- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@> wrote:
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> > Robert,
> > That is why you should listen for CQÃ¢Â□Â□s in Monitor mode as described in the suggested ARQ CQ of the help file. (it will show the calling station and CQ message). You can then switch to ARQ to answer. If you tune around while in ARQ mode your station will answer any ARQ query frame and possibly break a connection already established.
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> > The only ways you can have multiple ARQ sessions on the same frequency that I am aware of are:
> > Packet where you allow a frequency to be time shared. (but even here you canÃ¢Â□Â□t be connected to two stations at once). Shared packet frequencies are OK on VHF/UHF but donÃ¢Â□Â□t work very well at all on HF.
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> > Some form of spread spectrum modulation where you spread the signal with a pseudo random code allowing multiple stations to operate on the same frequency simultaneously. WiFi does this for example but spread spectrum is not permitted on HF.

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> > My suggestion for testers is to work on two independent issues:
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> > 2) What is a good procedure for establishing a connection using a combination of Monitor, FEC and ARQ if necessary? Does the protocol really need to have a call sign linked connection ID as in WINMOR and its associated overhead? (I donÃ¢Â□Â□t think there will often be 10 people answering a V4 CQ unless the caller is a rare DX!)
> >
> > This is why we beta test to find and solve problems!
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> > Rick KN6KB
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> >
> > From: Robert Belize
> > Sent: Wednesday, May 25, 2011 5:07 PM
> > To: mailto:V4Protocol%40yahoogroups.com
> > Subject: [V4Protocol] Re: V4 ARQ
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> > Hi Rick,
> > who, out of the 10 stations listening in ARQ mode, will answer and connect to the calling station?
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> > Robert V31AE
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> > > Robert,
> > >
> > > The same thing that would happen in any other ARQ mode (Pactor, Packet or WINMOR) is that you would have chaos since you canÃ□Â¢Ã□Â□Ã□Â□t reliably decode a signal if there are 10 stations transmitting at the same time. It is not possible to maintain an ARQ connection with more than two stations at the same time. There can only be

one the IRS and one the ISS.
> > >
> > > Rick KN6KB
> > >
> > >
> > > From: Robert Belize
> > > Sent: Wednesday, May 25, 2011 3:53 PM
> > > To: mailto:V4Protocol%40yahoogroups.com
> > > Subject: [V4Protocol] V4 ARQ
> > >
> > >
> > > All.... I wonder what will happen if one station calls CQ and 10 other receiving stations listening in (ARQ) mode? Will they all answer at the same time? What will happen?
> > >
> > > de V31AE
> > >
> >
>

951. Re: V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-25 23:05:28 UTC
From: Robert Belize
Topic: 942 Message: 951

Hi Sigi

yes, I agree with you..

cq calls in fec ... after qso starts ask the qso partner to switch to
ARQ...

Robert V31AE

--- In V4Protocol@yahoogroups.com, "Siegfried Jackstien" <siegfried.jackstien@...> wrote:
>
> Uuups many typos :-)
> ....same problems before using dama soft
> .....
> Dg9bfc
> Sigi
>
>
> > -----Ursprüngliche Nachricht-----
> > Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> > Auftrag von Siegfried Jackstien
> > Gesendet: Mittwoch, 25. Mai 2011 20:56
> > An: V4Protocol@yahoogroups.com
> > Betreff: AW: [V4Protocol] V4 ARQ
> >
> >
> >
> > Thatc problem is well known ... packet radio had the same proböems before
> > uin da,a software

> > > -----Ursprüngliche Nachricht-----
> > > Von: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > [mailto:V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>]
> > Im
> > > Auftrag von Robert Belize
> > > Gesendet: Mittwoch, 25. Mai 2011 19:54
> > > An: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > > Betreff: [V4Protocol] V4 ARQ
> > >
> > >
> > >
> > > All.... I wonder what will happen if one station calls CQ and 10 other
> > > receiving stations listening in (ARQ) mode? Will they all answer at the
> > > same time? What will happen?
> > >
> > > de V31AE

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952. Re: [V4Protocol] Re: V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-25 23:36:55 UTC
From: Rick Muething
Topic: 942 Message: 952

Robert,
”As is, if anyone leaves his station accidentally unattended in ARQ mode, on any given frequency , that qrg will be blocked.”

That is a good observation and one that I think I can easily fix....Basically if a session times out in ARQ mode (doesn’t see any connected packets in the timeout period...now about 60 seconds) instead of returning to the ARQ state of IRSWaitLeader I can simply return to the MON mode. That would prevent an unattended station from tying up a frequency. I’ll put that on the to do list...Thanks.

Rick KN6KB

953. QRV 18090.00 ARQ mode

Yahoo group: V4Protocol
Date: 2011-05-26 00:11:39 UTC
From: Russell Blair
Topic: 953 Message: 953

Im calling cq now on 18090 ARQ

Russell NC5O

" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457
EPC #13477

954. V4 Protocol Testing

Yahoo group: V4Protocol
Date: 2011-05-26 02:22:07 UTC
From: W6IDS
Topic: 43 Message: 954

If you are looking for a spot to check out your V4 ops,
I've got mine working alongside my BPQ32 Node Switch on
7061.000 DIAL.

Try for an ARQ connect if you like. Call W6IDS (NO SSID)
and we can check out our V4s together. I'll have it up with
my normal BPQ32 ops until about 0400Z.

If you hear WINMOR activity in process, just wait a second.
It'll pass. We'll just work the test in.

Howard W6IDS
Richmond, IN EM79NV

955. ARQ mode update to V4 Protocol - TESTING

Yahoo group: V4Protocol
Date: 2011-05-26 05:31:38 UTC
From: W6IDS
Topic: 955 Message: 955

Before going any further, how's the success rate for connects
with ARQ testing.

Tried a couple of tests on 7 Mhz, 7061.000 DIAL specifically, and am getting
only partial print of transmissions while connected. NR5G tried to give me his
Cell Phone number I suspect when he sent -

NR5G: my cell p

Numerous retries, some from a cold restart of a connect attempt were a
bit awkward but suffice it to say much effort to complete a connect successfully.

Found another attempt by him to complete a connect properly but I receive only -

NR5G: w6ids de n****ARQ inactivity timeout (Score 87 S/N -1)

Some moments of silence, then he sent again -

NR5G: the static NR5G: w6ids de n

Then he ceased. . . . so I gave it a try again. . . . no connect this time.

So, will continue the tests. Not sure why I'm only getting incomplete transmissions.

Howard W6IDS
Richmond, IN EM79NV

956. Re: [V4Protocol] ARQ mode update to V4 Protocol - TESTING

Yahoo group: V4Protocol
Date: 2011-05-26 07:03:33 UTC
From: Rick Muething
Topic: 955 Message: 956

Howard,

I would like to see the V4 TNC debug log on your sessions. It will show:
Is the failure (actually a timeout) caused by:
1) Non detection of the leader from the remote station. Leader detection does the tuning and also establishes symbol sync.
2) Failure to detect the Frame sync (3 sequential sync symbols that identify the frame type and establish the frame sync.)
3) Failure to decode the frame. (using the Viterbi decoder with interleaving)

There are internal program parameters that can be adjusted for cases 1) and 2). The ARQ should handle 3) with a reasonable number of repeats.
For reference in my testing of the interleave mechanism over many thousands of frames I was able to get a frame decode success rate of between 65-80% for all channel types at −5dB S/N. This included CCIR multipath poor and CCIR flat fading channels which were the worst.

One thing for sure that will cause a problem is excessive PTT hold time since it blocks off the first part of the leader. This applies to both ends of the ARQ session.

If possible forward me the logs (rmuethingATcfl.rr.com) with any comments about what was observed and the approximate UTC time observed.

Thanks.

Rick KN6KB

957. Sugested 30 Meter QRG for V4 ARQ Testing

Yahoo group: V4Protocol
Date: 2011-05-26 11:04:59 UTC
From: Russ Tower
Topic: 957 Message: 957

I see the testing has already started. I'm set up now and will suggest what seems to be a good QRG of 10.143 Mhz. I find it's a lot less congested on 30 meters and I think this band should in general give good continental US coverage and also stay within the MUF better than 20 meters.
I am in and out of the shack a lot but will monitor 10.143 Mhz as much as possible. I'm also open to daytime skeds on this, or on other QRG's on any of the HF bands.

73/Russ - K1DOW - Arcadia, FL

958. Re: [V4Protocol] Sugested 30 Meter QRG for V4 ARQ Testing

Yahoo group: V4Protocol
Date: 2011-05-26 11:20:03 UTC
From: Andy obrien
Topic: 957 Message: 958

Just a reminder that my "sked" page may be helpful for determining who is around for a test..and where.

http://www.obriensweb.com/sked

Andy K3UK

On Thu, May 26, 2011 at 7:04 AM, Russ Tower <russtower@...> wrote:

>
>
>
> I see the testing has already started. I'm set up now and will suggest
> what seems to be a good QRG of 10.143 Mhz. I find it's a lot less congested
> on 30 meters and I think this band should in general give good continental
> US coverage and also stay within the MUF better than 20 meters.
> I am in and out of the shack a lot but will monitor 10.143 Mhz as much as
> possible. I'm also open to daytime skeds on this, or on other QRG's on any
> of the HF bands.
>
> 73/Russ - K1DOW - Arcadia, FL
>
>

959. Suggested TWENTY Meter QRG for V4 ARQ Testing

Yahoo group: V4Protocol
Date: 2011-05-26 11:40:14 UTC
From: Andy obrien
Topic: 959 Message: 959

I am on 14073 this morning

960. First ARQ with N4ZQ

Yahoo group: V4Protocol
Date: 2011-05-26 13:23:38 UTC
From: Andy obrien
Topic: 960 Message: 960

Had a succesful "link" with N4ZQ on 20M using ARQ mode. Signals were fair to weak with QSB. Band quiet and no QSB. Both using 40-50 watts with modest antenna.

n4zq de k3uk
uk N4ZQ:
CQ CQ CQ V4 de Keith N4ZQ in WCF KN4ZQ: CQ CQ CQ V4 de Keith N4ZQ in WCF KCQ CQ CQ V4 de Keith N4ZQ in WCF Listening ARQ K
n4zqz de k3uk

k3uk k3uk

over
N4ZQ: K3UK de N4ZQ Keith in WCFN4ZQ: Lets switch to ARQ ????
Hi keith , good signal . Andy in NY

OK, will switch

de k3uk
N4ZQ: K3UK Got you just fine How Me ???

first try with ARQ
you are 100%
N4ZQ: Not sure w
I am still reading help file for ARQ but seems fairly simple
hats going on Guess I should read the Help File a bit more...

Rare for me to ever read a help file but needed to for this
N4ZQ: Kind of reminds me of AMTOR will all the switching going on.... Me
to also reading as we type Hi...
Seems like ALE400, sime ARQ procedures takes getting used to but does the job.
N4ZQ: Band is pretty quite and no QRM so can't say how well this
I am not sure if we are in "chat mode" or not, are we ?
will work under poorer conditions.. Your signal is good here today...
Yes, good point band very quiet

I am just running 50 watts in to a half-quare homebrwed antenna

some QSB now
N4ZQ: Here I'm running about 40 watts to a vertical so not much ....
My TNC screen says V4 Mode: ARQ Connected..... Things slowed down quite a
Good, we have similar power and not super antennas
bit but still copy 100%
I forgot to watch the TNC screen

I see NOTHING in th constellation screen
N4ZQ: Well this looks interestin
Judging only by my ears, your signal is fair to weak. If it was a Winmor contact it would be a slow exchange but it works quite well.
g and as more come on ARQ mode we will find out more about how well it works...
Always fun to play with new modes the programers come up with...Guess I better go back to rading the Help and get some Breakfast. TNX Andy for the check out and
OK, i see a slight hint of activity in the constllation screen now.
letting me go to school on you...
same here, MANY thanks for the test run 73 n4zq de k3uk sk

73 Mr O'Brien from Andy O'Brien

k3uk QRT
N4ZQ: Signal now down a bit and it has slowed... 73 CU after some more reading.. HI.. Going back to FEC mode 73...de N4ZQ SK***ARQ inactivity timeout.

961. Fw: [V4Protocol] V4 Protocol Testing

Yahoo group: V4Protocol
Date: 2011-05-26 15:18:49 UTC
From: W6IDS
Topic: 961 Message: 961

If you are looking for a spot to check out your V4 ops,
I've got mine working alongside my BPQ32 Node Switch on
7061.000 DIAL.

Try for an ARQ connect if you like. Call W6IDS (NO SSID)
and we can check out our V4s together. I have it up now at 1512Z
with my normal BPQ32 ops until about 1700Z when I need to leave
for an appointment. I'll have it back up when I return for further
testing availability.

If you hear WINMOR or PacTOR I activity in process, just wait
for a few, it'll pass. We'll just work the testing in with normal ops.

Howard W6IDS
Richmond, IN EM79NV

962. QRV 18090 ARQ calling CQ

Yahoo group: V4Protocol
Date: 2011-05-26 16:18:22 UTC
From: Russell Blair
Topic: 962 Message: 962

" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #693
Digital Mode Club #03198
BARTG #8457
EPC #13477

963. Fw: [V4Protocol] V4 Protocol Testing

Yahoo group: V4Protocol
Date: 2011-05-26 17:54:48 UTC
From: W6IDS
Topic: 961 Message: 963

I will be leaving for my appointment at 1745Z. However, I will leave the
V4 CHAT up and operating on frequency. If you're inclined, feel free
to attempt a connect and if successful, just leave a message on the
screen perhaps - Hmmmm, I think that will work <GRIN>

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "W6IDS" <w6ids@...>
To: <V4Protocol@yahoogroups.com>
Cc: <WINMOR@yahoogroups.com>
Sent: Thursday, May 26, 2011 11:18 AM
Subject: Fw: [V4Protocol] V4 Protocol Testing

>
> If you are looking for a spot to check out your V4 ops,
> I've got mine working alongside my BPQ32 Node Switch on
> 7061.000 DIAL.
>
> Try for an ARQ connect if you like. Call W6IDS (NO SSID)
> and we can check out our V4s together. I have it up now at 1512Z
> with my normal BPQ32 ops until about 1700Z when I need to leave
> for an appointment. I'll have it back up when I return for further
> testing availability.
>
> If you hear WINMOR or PacTOR I activity in process, just wait
> for a few, it'll pass. We'll just work the testing in with normal ops.
>
> Howard W6IDS
> Richmond, IN EM79NV
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

964. V4 Chat & Protocol Testing

Yahoo group: V4Protocol
Date: 2011-05-26 21:00:33 UTC
From: W6IDS
Topic: 961 Message: 964

If you want to do some work with V4 Chat, mine is still monitoring
alongside my BPQ32 Node Switch on 7061.000 DIAL, obviously
for FEC and ARQ especially.

Call W6IDS (NO SSID) and we can check out our V4s together.
I have it up now continuously with my normal BPQ32 ops and will
let it run through the night also. If I don't reply back to an ARQ
connect attempt, try leaving some text on the screen.

If you hear WINMOR or PacTOR I activity in process, just wait
for a few, it'll pass. We'll just work the testing in with normal ops.

Howard W6IDS
Richmond, IN EM79NV

965. How to get started?

Yahoo group: V4Protocol
Date: 2011-05-26 21:54:52 UTC
From: Burdon
Topic: 965 Message: 965

I recently read about V4 in QST & was hoping to find a software download and information concerning its implementation and use. If someone could point me in the right direction, I'd appreciate the help. Thanks & 73.

N9AUP

966. Re: [V4Protocol] How to get started?

Yahoo group: V4Protocol
Date: 2011-05-26 22:23:41 UTC
From: Andy obrien
Topic: 965 Message: 966

Try the files section of this email group. Let me know what you have the software loaded and we can start from there.

Andy K3UK

On Thu, May 26, 2011 at 5:54 PM, Burdon <imjustgeorge@...> wrote:

>
>
> I recently read about V4 in QST & was hoping to find a software download
> and information concerning its implementation and use. If someone could
> point me in the right direction, I'd appreciate the help. Thanks & 73.
>
> N9AUP
>
>
>

967. Re: V4 Chat & Protocol Testing

Yahoo group: V4Protocol
Date: 2011-05-26 23:50:33 UTC
From: n9dsj
Topic: 961 Message: 967

Short ARQ contact with OZ1PMX in pretty stiff qrm conditions....worked well considering. One issue a few of us had was figuring out who was linked to whom; perhaps more an issue of getting used to the mode/interface than an actual mode/coding issue.

73,

Bill N9DSJ

968. Re: V4 Chat & Protocol Testing

Yahoo group: V4Protocol
Date: 2011-05-27 02:24:23 UTC
From: ham
Topic: 961 Message: 968

Just finished a qso with V31AE. My first qso in this mode. I agree that one is not sure who is linked to who. I think some of the timers need tweaking especially the re-transmit timers. Perhaps some of the Van Jacobsen TCP timer methods could be look at. The current timers give up too early for my liking in ARQ mode. I suggest various timers should be user setable until we get more experience with the protocol. Adaptive timers are the way to go here in my opinion.

73, Bernie

--- In V4Protocol@...m, "n9dsj" <n9dsj@...> wrote:
>
>
> Short ARQ contact with OZ1PMX in pretty stiff qrm conditions....worked well considering. One issue a few of us had was figuring out who was linked to whom; perhaps more an issue of getting used to the mode/interface than an actual mode/coding issue.
>
> 73,
>
> Bill N9DSJ
>

969. Re: V4 Chat & Protocol Testing

Yahoo group: V4Protocol
Date: 2011-05-27 03:59:51 UTC
From: Robert Belize
Topic: 961 Message: 969

Hi Bernie, thanks for testing V4/ARQ with me...actually it worked but it idled out a few times cause the sig was buried in the noise floor sometimes.
I believe V4/ARQ mode should only respond if it detects its call sign (SelCal).

Calling cq in FEC mode, after establishing contact both station can switch to ARQ and continue, testing...

To use only "one key" to "send text" in the tx window I have defined the right arrow key as the "send" key , it's easier for the operator. One button only!

On my setup, the TNC waterfall blanks out some times for part of a second.

My setup is: IC-746/50 watts into a log periodic T8 beam/SignaLink USB card, Dell laptop winxp/sp2..Lots of ferrite.

Am running RMS express since beta times and I like it. Works perfect.
Actually, I like more the Winmor TNC/BPQ32/Airmail setup. It gives you a keyboard mode..

I remember the early times of pactor, we had 14073Khz defined as the calling channel and qsy after. Any qrg's on the other bands?
Every day we have openings on 28 Mhz, today s-9+ to Italy. That with the low solar flux...fantastico..

Lets do some more testing...
73 to all
Robert V31AE

--- In V4Protocol@yahoogroups.com, "ham" <ve3fwf@...> wrote:
>
>
>
> Just finished a qso with V31AE. My first qso in this mode. I agree that one is not sure who is linked to who. I think some of the timers need tweaking especially the re-transmit timers. Perhaps some of the Van Jacobsen TCP timer methods could be look at. The current timers give up too early for my liking in ARQ mode. I suggest various timers should be user setable until we get more experience with the protocol. Adaptive timers are the way to go here in my opinion.
>
> 73, Bernie
>
>
>
> --- In V4Protocol@yahoogroups.com, "n9dsj" <n9dsj@> wrote:
> >
> >
> > Short ARQ contact with OZ1PMX in pretty stiff qrm conditions....worked well considering. One issue a few of us had was figuring out who was linked to whom; perhaps

more an issue of getting used to the mode/interface than an actual mode/coding issue.
> >
> > 73,
> >
> > Bill N9DSJ
> >
>

970. Re: [V4Protocol] Re: V4 Chat & Protocol Testing

Yahoo group: V4Protocol
Date: 2011-05-27 04:16:53 UTC
From: W6IDS
Topic: 961 Message: 970

Sorry, but I need to ask. . . . .exactly what is meant by "not sure who is linked to who?"

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "ham" <ve3fwf@...>
To: <V4Protocol@yahoogroups.com>
Sent: Thursday, May 26, 2011 10:24 PM
Subject: [V4Protocol] Re: V4 Chat & Protocol Testing

>
>
> Just finished a qso with V31AE. My first qso in this mode. I agree that
> one is not sure who is linked to who. I think some of the timers need
> tweaking especially the re-transmit timers. Perhaps some of the Van
> Jacobsen TCP timer methods could be look at. The current timers give up
> too early for my liking in ARQ mode. I suggest various timers should be
> user setable until we get more experience with the protocol. Adaptive
> timers are the way to go here in my opinion.
>
> 73, Bernie
>
> --- In V4Protocol@yahoogroups.com, "n9dsj" <n9dsj@...> wrote:
>>
>>
>> Short ARQ contact with OZ1PMX in pretty stiff qrm conditions....worked
>> well considering. One issue a few of us had was figuring out who was
>> linked to whom; perhaps more an issue of getting used to the
>> mode/interface than an actual mode/coding issue.
>>
>> 73,
>>
>> Bill N9DSJ
>>

971. Re: [V4Protocol] Re: V4 Chat & Protocol Testing

Yahoo group: V4Protocol
Date: 2011-05-27 09:04:16 UTC
From: Rick Muething
Topic: 961 Message: 971

I am working on a fairly simple but effective way of:
1) Issuing a connect request to a specific call sign (others not addressed won’t answer)
2) Showing which call sign you are connected to.

This update should be ready in a few days.

Rick KN6KB

972. Re: [V4Protocol] Re: V4 Chat & Protocol Testing

Yahoo group: V4Protocol
Date: 2011-05-27 09:06:30 UTC
From: Rick Muething
Topic: 961 Message: 972

Bernie,
The next release will have a user selectable Timeout value (30 to 180 seconds).

Rick KN6KB

973. is this legal?

Yahoo group: V4Protocol
Date: 2011-05-27 09:57:38 UTC
From: wd4sen
Topic: 973 Message: 973

situation:
you have a medium size event, i.e. run, bicycle ride and so on. All of your hams show up except on. so now your short one position.
You put a 2mtr radio with GPS and run APRS in the sweep truck. Is it legal to run that kind of mobile set up with NO licensed ham in the sweep truck??

I say NO.....

your thoughts,
thanks, Ray WD4SEN

974. V4 with ARQ Having some problems

Yahoo group: V4Protocol
Date: 2011-05-27 10:41:32 UTC
From: kirkharding@rocketmail.com
Topic: 974 Message: 974

Obviously I'm doing something incorrectly. I've made a couple of contacts using FEC. I don't understand the procedure for shifting to ARQ mode. When in a V4 QSO, and the other station agrees, we shift to ARQ. I do get an ARQ connect but never see any text transfer. I've reviewed the help files but I must be missing something. If I could get a detailed procedure as how to go to ARQ, I sure would appreciate it. Appologize for my ignorance.

Kirk, K6KAR

975. Re: [V4Protocol] is this legal?

Yahoo group: V4Protocol
Date: 2011-05-27 10:44:41 UTC
From: Ian Wade G3NRW
Topic: 973 Message: 975

From: wd4sen <WD4SEN@...>
Date: Fri, 27 May 2011 Time: 09:57:38

>situation:
>you have a medium size event, i.e. run, bicycle ride and so on. All of
>your hams show up except on. so now your short one position.
>You put a 2mtr radio with GPS and run APRS in the sweep truck. Is it
>legal to run that kind of mobile set up with NO licensed ham in the
>sweep truck??
>
>I say NO.....
>
>your thoughts,
>thanks, Ray WD4SEN

My thoughts? What does this have to do with the V4 protocol? Or have I missed something?

--
73
Ian, G3NRW

976. Re: [V4Protocol] V4 with ARQ Having some problems

Yahoo group: V4Protocol
Date: 2011-05-27 12:25:57 UTC
From: Rick Muething
Topic: 974 Message: 976

The procedure is pretty straight forward and similar to other ARQ modes like Pactor/AMTOR.

An ARQ connection requires:
1) TWO stations on frequency both set to ARQ mode . You can’t have an ARQ connection between more than 2 stations although others on the frequency can monitor.
2) You enter the text to send as described in the help. (Type into the keyboard text box, Then hit <Ctrl> Return to push it into the output buffer. This will force you to become the ISS and the data should start flowing to the other side. (data sent by the ISS and ACKed or NAKed by the IRS) When you are finished sending he can send his data. The switching between IRS and ISS is automatic triggered by the emptying of the outbound queue.

I am working on some refinements that I think will simplify things:
1) A Connect request frame where you target the specific call sign of the remote station. This means non addressed stations won’t answer.
2) Indicator as to who is the ISS and who is the IRS
3) Indicator as to how many bytes are left in the outbound queue
4) User set timeouts (30-180 seconds).

I hope to get this out in the next few days depending on how the testing goes. You may want to wait for this.

Rick KN6KB
\

From: mailto:kirk.harding@...
Sent: Friday, May 27, 2011 6:41 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 with ARQ Having some problems

Obviously I'm doing something incorrectly. I've made a couple of contacts using FEC. I don't understand the procedure for shifting to ARQ mode. When in a V4 QSO, and the other station agrees, we shift to ARQ. I do get an ARQ connect but never see any text transfer. I've reviewed the help files but I must be missing something. If I could get a detailed procedure as how to go to ARQ, I sure would appreciate it. Appologize for my ignorance.

Kirk, K6KAR

977. Re: V4 Chat & Protocol Testing

Yahoo group: V4Protocol
Date: 2011-05-27 13:22:08 UTC
From: ham
Topic: 961 Message: 977

Excellent Rick. I think we have a winner here. V4 probably probably needs a few timers such as a re-trasnmit timer with no packet received and re-transmit timer with CRC errors on a received packet.

I'll read the V4 protocol specs but the above is based on my imperical observations with a sample size of one :-(Not sure if it is possible but a "slow start" methodology a la Van Jacobsen might be worth a look at. The idea is to send small payload packets at the beginning of a QSO and if the ACKS are coming back with no CRCs, then increase the payload or window size. Once CRC errors are experienced, immediately shrink the window size back and start again with small payload frames. Not sure if the above is possible but I believe it would certainly be worth investigating and probably work very well on HF.

Timers should be adaptive as well instead of being fixed so that several stations on the same channel do not get into 'lock step' and continually clobber each other.

73, Bernie

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Bernie,
> The next release will have a user selectable Timeout value (30 to 180 seconds).
>
> Rick KN6KB
>

978. Re: V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-27 14:14:30 UTC
From: la7um
Topic: 942 Message: 978

How much added turnover time due to added ID overhead for avoiding wrong station answering? Some tradeoff between "slickness" and "robustnes"? 73 de la7um Finn (not active testing yet).

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Robert,
> â□□As is, if anyone leaves his station accidentally unattended in ARQ mode, on any given frequency , that qrg will be blocked.â□□
>
> That is a good observation and one that I think I can easily fix....Basically if a session times out in ARQ mode (doesnâ□□t see any connected packets in the timeout period...now about 60 seconds) instead of returning to the ARQ state of IRSWaitLeader I can simply return to the MON mode. That would prevent an unattended station from tying up a frequency. Iâ□□ll put that on the to do list...Thanks.
>
> Rick KN6KB
>

979. Re: [V4Protocol] V4 with ARQ Having some problems

Yahoo group: V4Protocol
Date: 2011-05-27 15:05:58 UTC
From: W6IDS
Topic: 974 Message: 979

From the Help file in the V4 Chat window -

If you wish to answer the CQ and "connect" to the calling station simple switch your station over to ARQ Mode and it will automatically answer a properly decoded frame with an ACK establishing the connection. Once a connection is established the ISS will send the balance of the output queue (buffer) and then send IDL frames.

Now, I'm having my own difficulty to some degree but . . . . .

The station is calling CQ. If you switch to ARQ from MON mode, the connection in ARQ between both stations is automagical. It's going to happen, all things being equal, because YOUR station/V4 sends an "ACK" or acknowledgment. YOU don't have to do anything but send text, per se, and when done just send "KKK" or "BTU" and stop typing and finish with CTRL-A.

When do you send? Look for the "KKK" or "BTU" or ??? That's for the human being Ham Operator who needs visual cues to do it right. V4, on the other hand, knows that a changeover action from one station to the other is needed when the ISS station (the one sending text) STOPS sending. . . .

Hmmmm. . . . I might not be explaining it right. My mind is on MY issue which is not seeing my own text being sent when transmitting in ARQ. That's for another message.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "kirkharding@..." <kirk.harding@...>
To: <V4Protocol@yahoogroups.com>
Sent: Friday, May 27, 2011 6:41 AM
Subject: [V4Protocol] V4 with ARQ Having some problems

> Obviously I'm doing something incorrectly. I've made a couple of contacts using FEC. I don't understand the procedure for shifting to ARQ mode. When in a V4 QSO, and the other station agrees, we shift to ARQ. I do get an ARQ connect but never see any text transfer. I've reviewed the help files but I must be missing something. If I could get a detailed procedure as how to go to ARQ, I sure would appreciate it. Appologize for my ignorance.
>
> Kirk, K6KAR

980. Now I know My Problem With ARQ. . .

Yahoo group: V4Protocol
Date: 2011-05-27 15:13:31 UTC
From: W6IDS
Topic: 974 Message: 980

Just finished a QSO with W4JML.

I've been having some problems up until now with sending in ARQ.

I find that I'm not sending text. I saw this because while I'm typing
and sending (or so I thought) we hit a timeout warning. HUH?

I thought I had been transmitting while ltyping additional text but
was not. I moved text to the upper window with the CTRL-ENTER
thinking it was going to transmit and continued on.

BTW, I'm saying that but after finding that I was not seeing my text
being transmitted like we do in the FEC mode. Nevertheless, in my
mind the text was probably going out but I just couldn't see it happen.

Well, after three or four timesouts while I was trying to transmit text,
I had an "AHA" moment finally. NOTHING was going out from me
and we hit the timouts. I had difficulty with other stations and now I
know why.

I see the other station sending text, but I can't see ME send text and
I now know I'm not sending out at all, regardless of my typing and
entering text. Took me long enuff to see that. . . DUH!

I'm sending Rick the Debug Log for review. Despite the issue, I LOVE
this program.

Howard W6IDS
Richmond, IN EM79NV

981. Re: [V4Protocol] Now I know My Problem With ARQ. . .

Yahoo group: V4Protocol
Date: 2011-05-27 17:52:48 UTC
From: Rick Muething
Topic: 974 Message: 981

Howard,

In ARQ mode you can Only actually send (Transmit) when:
1) You have text in the outbound buffer....(you used a <Ctrl:> Return to move text from the keyboard input box to the queue (the blue italic text)
AND
2) You are the ISS. If you are the IRS and the ISS is still sending your station will wait until it receives ALL the txt from the ISS then will do the IRS to ISS transition and begins sending.

Just remember there is only 1 IRS and 1 ISS at a time and only ISS send data (IRS send ACKs/NAKs).

Of course nothing actually is counted as SENT unless the remote station correctly ACKs the frame...otherwise it just repeats until it does...or it times out.

This all works as designed. (I do test it here from one computer to another through the simulator ...MANY MANY times!)

Rick KN6KB

From: W6IDS
Sent: Friday, May 27, 2011 11:13 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Now I know My Problem With ARQ. . .

Just finished a QSO with W4JML.

I've been having some problems up until now with sending in ARQ.

I find that I'm not sending text. I saw this because while I'm typing
and sending (or so I thought) we hit a timeout warning. HUH?

I thought I had been transmitting while ltyping additional text but
was not. I moved text to the upper window with the CTRL-ENTER
thinking it was going to transmit and continued on.

BTW, I'm saying that but after finding that I was not seeing my text
being transmitted like we do in the FEC mode. Nevertheless, in my
mind the text was probably going out but I just couldn't see it happen.

Well, after three or four timesouts while I was trying to transmit text,
I had an "AHA" moment finally. NOTHING was going out from me
and we hit the timouts. I had difficulty with other stations and now I
know why.

I see the other station sending text, but I can't see ME send text and
I now know I'm not sending out at all, regardless of my typing and

entering text. Took me long enuff to see that. . . DUH!

I'm sending Rick the Debug Log for review. Despite the issue, I LOVE this program.

Howard W6IDS
Richmond, IN EM79NV

982. V4 Chat -- make sure to have all the latest .NET patches

Yahoo group: V4Protocol
Date: 2011-05-27 18:02:52 UTC
From: ham
Topic: 982 Message: 982

I had a few issues with V4 version 0.2.0.0 and they all went away when I installed .NET Framework patches from Microsoft.

73, Bernie

983. Re: [V4Protocol] Re: V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-27 20:07:13 UTC
From: Rick Muething
Topic: 942 Message: 983

Finn,
I have coded and am now testing a mechanism in V4 where you “connect’ to a specific call sign. This just takes one initial V4 Frame (16 bytes) where the call signs (caller and target) are sent. If you aren’t one of those call signs you don’t answer so this should work well once I get all the bugs out.

Rick

From: la7um
Sent: Friday, May 27, 2011 10:14 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: V4 ARQ

How much added turnover time due to added ID overhead for avoiding wrong station answering? Some tradeoff between "slickness" and "robustnes"? 73 de la7um Finn (not active testing yet).

--- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Robert,
> â□□As is, if anyone leaves his station accidentally unattended in ARQ mode, on any given frequency , that qrg will be blocked.â□□
>
> That is a good observation and one that I think I can easily fix....Basically if a session times out in ARQ mode (doesnâ□□t see any connected packets in the timeout period...now about 60 seconds) instead of returning to the ARQ state of IRSWaitLeader I can simply return to the MON mode. That would prevent an unattended station from tying up a frequency. Iâ□□ll put that on the to do list...Thanks.
>
> Rick KN6KB
>

984. RE: [V4Protocol] is this legal?

Yahoo group: V4Protocol
Date: 2011-05-27 21:04:29 UTC
From: Ray
Topic: 973 Message: 984

Don't a dam think, click on the wrong group..

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ian Wade G3NRW
Sent: Friday, May 27, 2011 6:45 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] is this legal?

From: wd4sen <WD4SEN@... <mailto:WD4SEN%40bellsouth.net> >
Date: Fri, 27 May 2011 Time: 09:57:38

>situation:
>you have a medium size event, i.e. run, bicycle ride and so on. All of
>your hams show up except on. so now your short one position.
>You put a 2mtr radio with GPS and run APRS in the sweep truck. Is it
>legal to run that kind of mobile set up with NO licensed ham in the
>sweep truck??
>
>I say NO.....
>
>your thoughts,
>thanks, Ray WD4SEN

My thoughts? What does this have to do with the V4 protocol? Or have I missed something?

--
73
Ian, G3NRW

985. Re: V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-27 23:25:23 UTC
From: la7um
Topic: 942 Message: 985

Rick,
Thanks. I think that is a good and necessary way to go. Exiting development. I like the idea of the 200Hz for chat. Other arq modes wasting spectrum.
73 Finn.

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Finn,
> I have coded and am now testing a mechanism in V4 where you â□□connectâ□□ to a specific call sign. This just takes one initial V4 Frame (16 bytes) where the call signs (caller and target) are sent. If you arenâ□□t one of those call signs you donâ□□t answer so this should work well once I get all the bugs out.
>
> Rick
>
> From: la7um
> Sent: Friday, May 27, 2011 10:14 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: V4 ARQ
>
>
> How much added turnover time due to added ID overhead for avoiding wrong station answering? Some tradeoff between "slickness" and "robustnes"? 73 de la7um Finn (not active testing yet).
>
> --- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> >
> > Robert,
> > Ã¢Â□Â□As is, if anyone leaves his station accidentally unattended in ARQ mode, on any given frequency , that qrg will be blocked.Ã¢Â□Â□
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> > That is a good observation and one that I think I can easily fix....Basically if a session times out in ARQ mode (doesnÃ¢Â□Â□t see any connected packets in the timeout period...now about 60 seconds) instead of returning to the ARQ state of IRSWaitLeader I can simply return to the MON mode. That would prevent an unattended station from tying up a frequency. IÃ¢Â□Â□ll put that on the to do list...Thanks.
> >
> > Rick KN6KB
> >
>

986. Re: [V4Protocol] Re: V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-27 23:30:11 UTC
From: W6IDS
Topic: 942 Message: 986

See? See? Spot On again. . . .

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Friday, May 27, 2011 4:07 PM
Subject: Re: [V4Protocol] Re: V4 ARQ

Finn,
I have coded and am now testing a mechanism in V4 where you “connect’ to a specific call sign. This just takes one initial V4 Frame (16 bytes) where the call signs (caller and target) are sent. If you aren’t one of those call signs you don’t answer so this should work well once I get all the bugs out.

Rick

From: la7um
Sent: Friday, May 27, 2011 10:14 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: V4 ARQ

How much added turnover time due to added ID overhead for avoiding wrong station answering? Some tradeoff between "slickness" and "robustnes"? 73 de la7um Finn (not active testing yet).

--- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Robert,
> â□□As is, if anyone leaves his station accidentally unattended in ARQ mode, on any given frequency , that qrg will be blocked.â□□
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> That is a good observation and one that I think I can easily fix....Basically if a session times out in ARQ mode (doesnâ□□t see any connected packets in the timeout period...now about 60 seconds) instead of returning to the ARQ state of IRSWaitLeader I can simply return to the MON mode. That would prevent an unattended station from tying up a frequency. Iâ□□ll put that on the to do list...Thanks.
>
> Rick KN6KB
>

987. Re: [V4Protocol] Re: V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-28 00:12:59 UTC
From: W6IDS
Topic: 942 Message: 987

HEY! Careful with that talk, Finn. . . .<GRIN> Don't walk on top of my PacTOR I like that
without having a lunch in your hand and a big bunch of guys behind you. . . . . heheh

That's the only PacTOR I've got and I'm stickin' to it. . . . <drawing line in sand with toe>

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "la7um" <la7um@...>
To: <V4Protocol@yahoogroups.com>
Sent: Friday, May 27, 2011 7:25 PM
Subject: [V4Protocol] Re: V4 ARQ

Rick,
Thanks. I think that is a good and necessary way to go. Exiting development.
I like the idea of the 200Hz for chat. Other arq modes wasting spectrum.
73 Finn.

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Finn,
> I have coded and am now testing a mechanism in V4 where you ??oconnect??T
> to a specific call sign. This just takes one initial V4 Frame (16 bytes)
> where the call signs (caller and target) are sent. If you aren??Tt one of
> those call signs you don??Tt answer so this should work well once I get
> all the bugs out.
>
> Rick
>
> From: la7um
> Sent: Friday, May 27, 2011 10:14 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: V4 ARQ
>
>
> How much added turnover time due to added ID overhead for avoiding wrong
> station answering? Some tradeoff between "slickness" and "robustnes"? 73
> de la7um Finn (not active testing yet).
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> --- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@>
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> > fix....Basically if a session times out in ARQ mode (doesnâ???Tt see
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> > return to the MON mode. That would prevent an unattended station from
> > tying up a frequency. Iâ???Tll put that on the to do list...Thanks.
> >
> > Rick KN6KB
> >
>

988. How download V4

Yahoo group: V4Protocol
Date: 2011-05-28 00:14:24 UTC
From: schwartzj22
Topic: 988 Message: 988

To all,
I joined so as to try out V4. How do I download V4?
Is this the file I need: V4Chat 0.2.0.0.zip

Tks,
Joel-N3GSE

989. Re: [V4Protocol] How download V4

Yahoo group: V4Protocol
Date: 2011-05-28 00:21:10 UTC
From: Dick Lamberson
Topic: 988 Message: 989

yes, that's the one -
'a work in progress'
good luck
----- Original Message -----
From: schwartzj22
To: V4Protocol@yahoogroups.com
Sent: Friday, May 27, 2011 8:14 PM
Subject: [V4Protocol] How download V4

To all,
I joined so as to try out V4. How do I download V4?
Is this the file I need: V4Chat 0.2.0.0.zip

Tks,
Joel-N3GSE

990. Re: V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-28 01:55:50 UTC
From: la7um
Topic: 942 Message: 990

Hi Howard, I thought I had you behind me.... I only have P1 in an old KAM Enhancement board. Loved it, but borrow a PtcII for my testing towards LA3F. Love Winmor, and especially through voice repeaters in 8carrier mode. <Grin>, as you write, hi. Check my report on other forums.

I am actually getting lots of surprised positive feedback after a recent big Oslo Generic rescue rehearsal involving all volunteer and professional "agencies or organisations" after using WINMOR this "strange or wrong" way. Running WINMOR 6m FM through a Xband 6/70cm into a 70cm repeater to RMS WINMOR LA3F-7.
All this done to make Command operation center free from any desensing on 2m and 70cm frequenices.

Did not dare imposing any HF in such a close and crowded environment.

Rick has done a marvelous jobb on this cameleon mode WINMOR.
I am still not 100% sure if he really understand the enormuous potential beeing discussed here to meet our need.

And he is doing it again as a good/best? HF chat mode in V4 200Hz, to my understanding.

Have earlier done lots and lots of Amtor, and Pactor 1 and GTOR keyboarding. Even Amtor fec (2 caracter repeated), and Pactor fec, testing default 2 caracters, but also increased number of characters to 5 for robustnes, and including full 8bit character system.

GTOR was most difficult to establish an Arq link. Pactor1 a good nr 2, but became the preferred mode, due to 100% correct Arq typing.

Amtor was most easy to establish a link, (from east coast to west coast of Norway on 80m), but always too many errors in that limited arq system. (4/3)....

So.....ur PK232 may be replaced with V4 for typing whenever possible.
Keeping P1 and Winmor for file transfer purposes, hihi.

73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "W6IDS" <w6ids@...> wrote:
>
>
> HEY! Careful with that talk, Finn. . . .<GRIN> Don't walk on top of my
> PacTOR I like that
> without having a lunch in your hand and a big bunch of guys behind you. . .
> . . heheh
>
> That's the only PacTOR I've got and I'm stickin' to it. . . . <drawing line
> in sand with toe>
>
> Howard W6IDS

> Richmond, IN EM79NV
>
> ----- Original Message -----
> From: "la7um" <la7um@...>
> To: <V4Protocol@yahoogroups.com>
> Sent: Friday, May 27, 2011 7:25 PM
> Subject: [V4Protocol] Re: V4 ARQ
>
>
> Rick,
> Thanks. I think that is a good and necessary way to go. Exiting development.
> I like the idea of the 200Hz for chat. Other arq modes wasting spectrum.
> 73 Finn.
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> --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@> wrote:
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> > to a specific call sign. This just takes one initial V4 Frame (16 bytes)
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> > those call signs you donâ?Tt answer so this should work well once I get
> > all the bugs out.
> >
> > Rick
> >
> > From: la7um
> > Sent: Friday, May 27, 2011 10:14 AM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] Re: V4 ARQ
> >
> >
> > How much added turnover time due to added ID overhead for avoiding wrong
> > station answering? Some tradeoff between "slickness" and "robustnes"? 73
> > de la7um Finn (not active testing yet).
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> > --- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@>
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> > > Robert,
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> > > That is a good observation and one that I think I can easily
> > > fix....Basically if a session times out in ARQ mode (doesnÃ¢Â?ÂTt see
> > > any connected packets in the timeout period...now about 60 seconds)
> > > instead of returning to the ARQ state of IRSWaitLeader I can simply
> > > return to the MON mode. That would prevent an unattended station from
> > > tying up a frequency. IÃ¢Â?ÂTll put that on the to do list...Thanks.
> > >

> > > Rick KN6KB
> > >
> >
>

991. Re: [V4Protocol] Re: V4 ARQ

Yahoo group: V4Protocol
Date: 2011-05-28 03:47:30 UTC
From: W6IDS
Topic: 942 Message: 991

Yes sir, good to see you in print my friend.

I don't think you're going to see too much activity in this country involving such antics as actually transferring data through a TYPICAL voice repeater any time soon. That would be a nifty way to ratchet up the ire of the locals, regardless of location. That would be like using SSTV or Digi-SSTV during a SSB QSO to augment the comms or transfer a file. Definite NO-NO, something quite a few would swear to you that it is positively illegal, and nothing less than poor operation.

OHHHH, I'm pretty confident that Rick is really aware of the importance of his work and the resulting offerings. However, you'll notice that there's virtually no use of the software
outside of affiliations with WL2K or EMCOM in some fashion. U.S. Hams generally have yet to grasp the import of what's happening yet. Only a small handfull have a sense of the history being made and the potential for daily communications augmentation, EMCOM not withstanding.

You've had your finger in a number of projects; I see where you caught the attention of Dave K3GAU. I tend to agree with your thoughts about the coordinated use of V4 CHAT and PacTOR I / WINMOR. I have V4 as a "stand alone" alongside my BPQ32 system on 7061.000 DIAL to test and ultimately add it to the stable of offerings.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "la7um" <la7um@...>
To: <V4Protocol@yahoogroups.com>
Sent: Friday, May 27, 2011 9:55 PM
Subject: [V4Protocol] Re: V4 ARQ

Hi Howard, I thought I had you behind me.... I only have P1 in an old KAM Enhancement board. Loved it, but borrow a PtcII for my testing towards LA3F. Love Winmor, and especially through voice repeaters in 8carrier mode. <Grin>, as you write, hi. Check my report on other forums.

I am actually getting lots of surprised positive feedback after a recent big Oslo Generic rescue rehearsal involving all volunteer and professional "agencies or organisations" after using WINMOR this "strange or wrong" way. Running WINMOR 6m FM through a Xband 6/70cm into a 70cm repeater to RMS WINMOR LA3F-7.
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here to meet our need.

And he is doing it again as a good/best? HF chat mode in V4 200Hz, to my understanding.

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Amtor was most easy to establish a link, (from east coast to west coast of Norway on 80m), but always too many errors in that limited arq system. (4/3)....

So.....ur PK232 may be replaced with V4 for typing whenever possible.
Keeping P1 and Winmor for file transfer purposes, hihi.

73 de la7um Finn

<SNIP>

992. software

Yahoo group: V4Protocol
Date: 2011-05-28 06:26:29 UTC
From: ke1af
Topic: 992 Message: 992

where i go to get the software v4
have no clue?tnx73 ke1af

993. RE: [V4Protocol] software

Yahoo group: V4Protocol
Date: 2011-05-28 11:31:20 UTC
From: Stephen West-Fisher
Topic: 992 Message: 993

Go to the file section, it's V4chat0.2.0.0 or something close to that.

--

Stephen West-Fisher

N4IK

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of ke1af
Sent: Saturday, May 28, 2011 2:26 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] software

where i go to get the software v4
have no clue?tnx73 ke1af

994. COPY AND PASTE

Yahoo group: V4Protocol
Date: 2011-05-28 11:50:32 UTC
From: K4PDW
Topic: 994 Message: 994

Seems there is not a copy and paste from the chat screen. It would really be handy when you have to repeat call signs or lots of cq's . Anyone have any ideas.

995. RE: [V4Protocol] COPY AND PASTE

Yahoo group: V4Protocol
Date: 2011-05-28 11:59:40 UTC
From: Kirk
Topic: 994 Message: 995

Copy and paste from the chat screen is very simple to do. Highlight the area you want to copy and then hit control +C. To paste, do control + V.

73,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of K4PDW
Sent: Saturday, May 28, 2011 6:51 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] COPY AND PASTE

Seems there is not a copy and paste from the chat screen. It would really be handy when you have to repeat call signs or lots of cq's . Anyone have any ideas.

998. Re: Re: [V4Protocol] URGENTLY NEEDED.....Ted Trostle

Yahoo group: V4Protocol
Date: 2011-05-28 14:52:02 UTC
From: ki4wdw@gmail.com
Topic: 998 Message: 998

On , Ian Wade G3NRW <g3nrw@yahoo.co.uk> wrote:

> From: Ted Trostle tctrostle@gmail.com>

> Date: Sat, 28 May 2011 Time: 13:05:27

> >I'm sorry I didn't tell you about my trip. I'm currently in London

> >United Kingdom,my family and I came down here for a short vacation

> >unfortunately we were robbed at the park of the hotel where we

> >stayed,worse of it was that our bags, cash , credit cards and cell

> >phone were stolen of us at GUN POINT, it's such a crazy experience for

> >us.

> >

> >we need help flying back home and the authorities are not being 100%

> >supportive but the good thing is that we still have our passports but

> >don't have enough money to get our flight tickets back home and pay

> >for the hotel bills and the hotel manager won't let us leave.I'm just

> >gonna have to plead with you to lend me some funds right now,I'll pay

> >back as soon as I get home. We need to sort the hotel bills and get on

> >the next available flight home.

> >

> >Am freaked out at the moment..

> OMG Ted, this is a terrible situation you find yourself in. We've had so

> many muggings at gunpoint in London lately.

> However, you will have to wait in line behind all these other

> unfortunate victims who've suffered the same fate:

> http://www.thegearpage.net/board/archive/index.php/t-832209.html

> --

> 73

> Ian, G3NRW

>

Yep complete e-mail scam. more of a nuisance thank anything else.

73 Denny N4KGB

999. arq timing

Yahoo group: V4Protocol
Date: 2011-05-28 15:21:54 UTC
From: DAVID
Topic: 999 Message: 999

it does not seem to a problem for most today, but staying in the arq ack/nack time slot can be difficult if not impossible with some equipments.

i would like to see an arq turnaround time option. i know it can't be variable, but a selection of one or two could be of use.

david/wd4kpd

1000. Re: [V4Protocol] arq timing

Yahoo group: V4Protocol
Date: 2011-05-28 15:30:22 UTC
From: F S
Topic: 999 Message: 1000

Because V4 ARQ doesn't flow like a CW contact it would be nice to see something likeEOT showing a carriage return (enter) has been applied

Frank WA5VCS

From: DAVID <wd4kpd@...>
To: V4Protocol@yahoogroups.com
Sent: Sat, May 28, 2011 10:21:54 AM
Subject: [V4Protocol] arq timing

it does not seem to a problem for most today, but staying in the arq ack/nack time slot can be difficult if not impossible with some equipments.

i would like to see an arq turnaround time option. i know it can't be variable, but a selection of one or two could be of use.

david/wd4kpd

1001. Re: [V4Protocol] URGENTLY NEEDED.....Ted Trostle

Yahoo group: V4Protocol
Date: 2011-05-28 15:32:17 UTC
From: Rolan O. Clark
Topic: 998 Message: 1001

when computers are outlawed then only outlaws will have computers

From: Ian Wade G3NRW
Sent: Saturday, May 28, 2011 9:19 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] URGENTLY NEEDED.....Ted Trostle

From: Ted Trostle <mailto:tctrostle%40gmail.com>
Date: Sat, 28 May 2011 Time: 13:05:27

>I'm sorry I didn't tell you about my trip. I'm currently in London
>United Kingdom,my family and I came down here for a short vacation
>unfortunately we were robbed at the park of the hotel where we
>stayed,worse of it was that our bags, cash , credit cards and cell
>phone were stolen of us at GUN POINT, it's such a crazy experience for
>us.
>
>we need help flying back home and the authorities are not being 100%
>supportive but the good thing is that we still have our passports but
>don't have enough money to get our flight tickets back home and pay
>for the hotel bills and the hotel manager won't let us leave.I'm just
>gonna have to plead with you to lend me some funds right now,I'll pay
>back as soon as I get home. We need to sort the hotel bills and get on
>the next available flight home.
>
>Am freaked out at the moment..

OMG Ted, this is a terrible situation you find yourself in. We've had so
many muggings at gunpoint in London lately.

However, you will have to wait in line behind all these other
unfortunate victims who've suffered the same fate:

http://www.thegearpage.net/board/archive/index.php/t-832209.html

--
73
Ian, G3NRW

1002. com ports

Yahoo group: V4Protocol
Date: 2011-05-28 15:32:30 UTC
From: DAVID
Topic: 1002 Message: 1002

i don't know enough about it so asking for outside help.

will someone post a note on what the settings for the com ports are for xp and win7 in use with V4. i am using the TS200/FT920 with a cable to the com port. i cannot figure out what type of FLOW CONTROL to set and what to do with the RTS/DTR boxes. there are no other key lines to the rig except i can use the Signalink if i wish.

i have been able to make DX Lab/Commander talk to the rig along with Multipsk and EasyPal.

david/wd4kpd

1003. Re: [V4Protocol] arq timing

Yahoo group: V4Protocol
Date: 2011-05-28 17:51:23 UTC
From: Rick Muething
Topic: 999 Message: 1003

Frank, David,

I am not sure I am following your comments.
1) There is parameter in the V4 code that is called the minimum Rx to Tx delay. That is a time (measured in the CPU) that holds off a reply of a received frame until the start (PTT) of the reply. Currently set at 200 ms but it could be actually 200-250ms depending on CPU activitity. (Using the CPU, 20 ms timers and an OS that isn't true "real time" doesn't give you very fine resolution or accuracy!). Now you can compare this to for example Pactor which requires (in the spec) a Tx to Rx switchover time in the 20-30 ms range. I can set this parameter (we don't want it to be a user set parameter as it could affect compatibility) to almost anything from 40 ms to a second or more but the longer the delay the slower the throughput....that wait time is essentially dead time in the protocol....nothing happens. I picked 200 ms which is quite safe for any modern transmitter and sound card keying mechanism. (For example WINMOR uses 100 ms and few problems have been reported). If the Transmitter can't release in 200 ms there is some problem with the keying setup. In almost every case with WINMOR where someone finds a problem it is due to Delay added by the sound card keying, Transmitter VOX delay or in a few rare cases CAT command delay where the user was trying to use a serial port at 1200 baud. (that can add a couple of hundred ms). The spec and troubleshooting sections call out that those delays need to be minimum. I don't think you want to slow down the protocol because someone doesn't want to turn down the delay or VOX hold pot or insists on using a 1200 baud CAT port.

2) Sending an <EOT> with a carriage return.
a) I'm not sure of the value of this...Many people put in a Carriage return for read ability (new line). I don't think that should rigidly signal the end of text. (Maybe I want to make some "white space" in the text for read ability?)

b) In ARQ mode for V4 there is no need to do anything to tell the other guy to send....It is automatic and built into the protocol. If the current sender (the ISS) has data to send (in its buffer) it continues sending ....even if the IRS (station receiving) has entered text into his keyboard window or even into his outbound queue). When the ISS completes sending (his last queued character is ACKed) he automatically sends an IDL frame signaling the IRS he is finished. IF the IRS then has data to send it grabs the ISS position using a special handshake and state and it becomes the ISS. This works even if the hand shake is missed in either direction because the special state will keep repeating it until it is ACKed. This is well thought thorough and works and is similar in some ways to the way WINMOR does the IRS to ISS changeover. In any viable ARQ mechanism you have to have this kind of rigid and bulletproof changeover mechanism or you will have total chaos (e.g. Both stations think they are the ISS or both think they are the IRS). If that ever happens the link is essentially dead and will timeout. The only thing that could be added (I have thought about this but it is not the best operating practice) is to add a special reply (by the IRS) which says to the ISS "I don't care IF you have more data to send or not ....I want to be the ISS and send". This is sometimes called a BREAK (in Pactor). It could be done but it ends up clobbering whatever data the ISS did not finish (what do you do? ....discard it, stop in mid sentence?, restart where you were?) In general this kind of BREAK interrupt is rarely used because of these difficulties so I have not added it to V4.

At any rate that is a final polish to the protocol ...we are not anywhere near that yet!

Hope this clarifies things...

73,
Rick KN6KB

1004. Waterfall

Yahoo group: V4Protocol
Date: 2011-05-28 21:27:09 UTC
From: jgmags2000
Topic: 1004 Message: 1004

Greetings,
Does anyone have a screen shot of the various V4 Chat modes? ARQ, FEC, ect.? Would be nice to be able to recognize.

73, John KJ1J

1005. Re: arq timing

Yahoo group: V4Protocol
Date: 2011-05-28 21:28:30 UTC
From: DAVID
Topic: 999 Message: 1005

OK RICK.....I WASN'T AWARE ON THE GENEROUS TX/RX SWITCH TIME. I HAD TRIED A FEW ARQ CONNECTS, AND THEY JUST WOULD NOT WORK. TODAY I HAD ONE, SO I GUESS THAT THE USE OF THE SIGNALINK IS NOT A PROBLEM.

ASIDE FROM THAT, HOW DO I KNOW THE PROGRAM IS TALKING TO THE RIG ? SHOULD NOT THE RIG (TS2K & FT920)INDICATE THIS? WHEN I RUN MMSSTV AND DX LAB COMMANDER I SEE A "CAT" OR "PC" FLASH ON THE RIG DISPLAYS.

DAVID/WD4KPD

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Frank, David,
>
> I am not sure I am following your comments.
> 1) There is parameter in the V4 code that is called the minimum Rx to Tx delay. That is a time (measured in the CPU) that holds off a reply of a received frame until the start (PTT) of the reply. Currently set at 200 ms but it could be actually 200-250ms depending on CPU activitity. (Using the CPU, 20 ms timers and an OS that isnâ□□t true â□□real timeâ□□ doesnâ□□t give you very fine resolution or accuracy!). Now you can compare this to for example Pactor which requires (in the spec) a Tx to Rx switchover time in the 20-30 ms range. I can set this parameter (we donâ□□t want it to be a user set parameter as it could affect compatibility) to almost anything from 40 ms to a second or more but the longer the delay the slower the throughput....that wait time is essentially dead time in the protocol....nothing happens. I picked 200 ms which is quite safe for any modern transmitter and sound card keying mechanism. (For example WINMOR uses 100 ms and few problems have been reported). If the Transmitter canâ□□t release in 200 ms there is some problem with the keying setup. In almost every case with WINMOR where someone finds a problem it is due to Delay added by the sound card keying, Transmitter VOX delay or in a few rare cases CAT command delay where the user was trying to use a serial port at 1200 baud. (that can add a couple of hundred ms). The spec and troubleshooting sections call out that those delays need to be minimum. I donâ□□t think you want to slow down the protocol because someone doesnâ□□t want to turn down the delay or VOX hold pot or insists on using a 1200 baud CAT port.
>
> 2) Sending an <EOT> with a carriage return.
> a) Iâ□□m not sure of the value of this...Many people put in a Carriage return for read ability (new line). I donâ□□t think that should rigidly signal the end of text. (Maybe I want to make some â□□white spaceâ□□ in the text for read ability?)
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happens the link is essentially dead and will timeout. The only thing that could be added (I have thought about this but it is not the best operating practice) is to add a special reply (by the IRS) which says to the ISS â□□I donâ□□t care IF you have more data to send or not ....I want to be the ISS and sendâ□□. This is sometimes called a BREAK (in Pactor). It could be done but it ends up clobbering whatever data the ISS did not finish (what do you do? ....discard it, stop in mid sentence?, restart where you were?) In general this kind of BREAK interrupt is rarely used because of these difficulties so I have not added it to V4. At any rate that is a final polish to the protocol ...we are not anywhere near that yet!

>

> Hope this clarifies things...

>

> 73,

> Rick KN6KB

>

1006. Re: [V4Protocol]

Yahoo group: V4Protocol
Date: 2011-05-28 23:57:04 UTC
From: F S
Topic: 999 Message: 1006

Readability is my question. The intermingling of the received and transmitted at best makes for confusion. Currently You are receiving replies that may be the answer from 2 tranmissions back . A single TX/RX field at best is confusing. Maybe no need for a EOT but possible a seperate TX buffer window from the Received window would solve the confusion

Currently it is like holding 2 or more CW contacts at the same time. this will not become the viable mode people want untill this confusion is gone.

Frank WA5VCS

From: Rick Muething <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Sat, May 28, 2011 12:51:23 PM
Subject: Re: [V4Protocol] arq timing

Frank, David,

I am not sure I am following your comments.
1) There is parameter in the V4 code that is called the minimum Rx to Tx delay. That is a time (measured in the CPU) that holds off a reply of a received frame until the start (PTT) of the reply. Currently set at 200 ms but it could be actually 200-250ms depending on CPU activitity. (Using the CPU, 20 ms timers and an OS that isn't true "real time" doesn't give you very fine resolution or accuracy!). Now you can compare this to for example Pactor which requires (in the spec) a Tx to Rx switchover time in the 20-30 ms range. I can set this parameter (we don't want it to be a user set parameter as it could affect compatibility) to almost anything from 40 ms to a second or more but the longer the delay the slower the throughput....that wait time is essentially dead time in the protocol....nothing happens. I picked 200 ms which is quite safe for any modern transmitter and sound card keying mechanism. (For example WINMOR uses 100 ms and few problems have been reported). If the Transmitter can't release in 200 ms there is some problem with the keying setup. In almost every case with WINMOR where someone finds a problem it is due to Delay added by the sound card keying, Transmitter VOX delay or in a few rare cases CAT command delay where the user was trying to use a serial port at 1200 baud. (that can add a couple of hundred ms). The spec and troubleshooting sections call out that those delays need to be minimum. I don't think you want to slow down the protocol because someone doesn't want to turn down the delay or VOX hold pot or insists on using a 1200 baud CAT port.

2) Sending an <EOT> with a carriage return.
    a) I'm not sure of the value of this...Many people put in a Carriage return for read ability (new line). I don't think that should rigidly signal the end of text. (Maybe I want to make some "white space" in the text for read ability?)

b) In ARQ mode for V4 there is no need to do anything to tell the other guy to send....It is automatic and built into the protocol. If the current sender (the ISS) has data to send (in its buffer) it continues sending ....even if the IRS (station receiving) has entered text into his keyboard window or even into his outbound queue). When the ISS completes sending (his last queued character is ACKed) he automatically sends an IDL frame signaling the IRS he is finished. IF the IRS then has data to send it grabs the ISS position using a special handshake and state and it becomes the ISS. This works even if the hand shake is missed in either direction because the special state will keep repeating it until it is ACKed. This is well thought thorough and works and is similar in some ways to the way WINMOR does the IRS to ISS changeover. In any viable ARQ mechanism you have to have this kind of rigid and bulletproof changeover mechanism or you will have total chaos (e.g. Both stations think they are the ISS or both think they are the IRS). If that ever happens the link is essentially dead and will timeout. The only thing that could be added (I have thought about this but it is not the best operating practice) is to add a special reply (by the IRS) which says to the ISS “I don’t care IF you have more data to send or not ....I want to be the ISS and send”. This is sometimes called a BREAK (in Pactor). It could be done but it ends up clobbering whatever data the ISS did not finish (what do you do? ....discard it, stop in mid sentence?, restart where you were?) In general this kind of BREAK interrupt is rarely used because of these difficulties so I have not added it to V4. At any rate that is a final polish to the protocol ...we are not anywhere near that yet!

Hope this clarifies things...

73,
Rick KN6KB

1007. Re: [V4Protocol] Waterfall

Yahoo group: V4Protocol
Date: 2011-05-29 00:29:16 UTC
From: Rick Muething
Topic: 1004 Message: 1007

John,

The waterfall looks the same for both ARQ and FEC....the data transmitted uses the same format and modulation. You can run a FEC loop back test to watch your own transmitted signal...read the help and it explains the simple procedure.

Rick KN6KB

From: jgmags2000
Sent: Saturday, May 28, 2011 5:27 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Waterfall

Greetings,
Does anyone have a screen shot of the various V4 Chat modes? ARQ, FEC, ect.? Would be nice to be able to recognize.

73, John KJ1J

1008. Re: [V4Protocol] Re: arq timing

Yahoo group: V4Protocol
Date: 2011-05-29 00:45:58 UTC
From: Rick Muething
Topic: 999 Message: 1008

If you are using the CAT commands for keying (It works on the TS480 but I'm not sure if that works on the TS2K) its pretty obvious that the radio keys (PTT) or changes frequency. If you use VOX the audio (from the sound card interface) will key the rig. When you are using VOX (determined from the V4 setup) it adds approx 120 ms additional PTT time to accommodate for the typical VOX delay. All this works and is actually a little "looser" than WINMOR in terms of timing. There are 3 or 4 places in the Help where it says to keep the VOX delay/hold at minimum (DLY fully CCW on the SignaLink). I think too many don 't bother reading and would rather just ask questions.... nothing new there!

For an ARQ connect remember there is a chain of events that MUST happen to establish and maintain the connection:
1) Both on the same frequency and sideband. Frequency error must be within the tuning range setting (default +/- 100 Hz)
2) Both on ARQ mode and listening.
3) Decent propagation ...I would say –5 dB S/N (3 KHz Noise bandwidth) is about the practical minimum ....I get about a 60-80% frame decode rate with that depending on the channel type. For short times it will tolerate worse.
4) ABSOLUTELY no added hang to the PTT....There is no way around that....If your PTT is still active 200 ms after the audio stops you'll never hear the ACK/NAK from the other end. The timing numbers I explained are generous...and could easily be cut in half without a problem as long as users remember to use minimal VOX delay/hold.
5) Correct levels (green signal on the receive indicator) no more than about 60% Rated PEP on transmit. NO RF feedback.

Screw up any one of those 5 things and you don't have a link (this has nothing to do with V4 ...every ARQ mode is like this).

I am still testing locally some nice new features that make calling CQ and a specific target call sign very easy. But it involved some extensive surgery so that usually means I broke some things that used to work! Hopefully in a day or 3!

73,

Rick KN6KB

1009. Re: [V4Protocol]

Yahoo group: V4Protocol
Date: 2011-05-29 01:02:29 UTC
From: Rick Muething
Topic: 999 Message: 1009

Frank,

That is one reason there are colored text fonts used in the main window. That should make things pretty obvious:
Italic blue text YOU Sent
Green FEC text received
Red strikethough received FEC with uncorrectable errors
RED BOLD Alerts
Purple ARQ status messages
Black BOLD Corrected ARQ received text

In any given setup (ARQ, FEC etc) you won't have all those. Having a different window for each function is not very practical and you then loose any time/sequence information. We have used color coded text within a single text box in many client programs with good success and user acceptance.

My goal now is to get the details of the V4 protocol debugged and working solidly. I don't want to get bogged down now in details of what is the best color/font/display mechanism for the user interface. The V4 chat is just the display program and can be easily altered. It probably represents about 20% of the V4TNC code and effort. The idea of having a separate Virtual TNC (the V4 TNC.exe program) is that other developers can easily incorporate V4 into their own client design and GUI. They just treat the V4 TNC as they would a hardware TNC. (WINMOR and the WINMOR TNC work the same way and there are now about 4 or 5 programs using the WINMOR TNC...all from different developers.) Implementing a client GUI is a skill that a lot of programmers have experience with....the DSP and protocol code is a lot more specialized.

One thing you learn when working on these complex DSP programs. Good software like fine wine takes time! Now where is that glass of wine?

73,

Rick KN6KB
.

1010. Re: [V4Protocol]

Yahoo group: V4Protocol
Date: 2011-05-29 01:45:50 UTC
From: ham
Topic: 999 Message: 1010

Rick:

I just want to say thank you for your work on V4. Your methodology is sound - get the V4 protocol working well and then the nice GUI can follow or be integrated into other programs.

Looking forward to new bits when they are ready (especially the improved ARQ support).

73, Bernie

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Frank,
>
> That is one reason there are colored text fonts used in the main window. That should make things pretty obvious:
> Italic blue text YOU Sent
> Green FEC text received
> Red strikethough received FEC with uncorrectable errors
> RED BOLD Alerts
> Purple ARQ status messages
> Black BOLD Corrected ARQ received text
>

1011. Re: [V4Protocol] Re: arq timing

Yahoo group: V4Protocol
Date: 2011-05-29 01:59:03 UTC
From: Pete Ferrand
Topic: 999 Message: 1011

Rick, et al:

One timing issue that should be considered I recall from the days with AMTOR and PACTOR. I'm not sure how relevant this is but these two modes had an idle time of .17 second. According to what I recall of the spec, this meant that QSOs were limited to 20000 km. Not being a DXer this wasn't a limitation for me, but perhaps something to be kept in mind before we settle on timing parameters.

-Pete
WB2QLL
Somers, WI

1012. Re: [V4Protocol]

Yahoo group: V4Protocol
Date: 2011-05-29 04:48:26 UTC
From: Robert Belize
Topic: 999 Message: 1012

I Agree...
Robert V31AE

--- In V4Protocol@yahoogroups.com, F S <oldtimingdude@...> wrote:
>
> Readability isÂ my Â question. The intermingling Â of the received and transmitted
> at best makes for confusion. Currently You are receivingÂ replies that may be
> the answer fromÂ 2 tranmissions back . A single TX/RX field at best is confusing.
> Maybe no need for a EOT but possible a seperate TX buffer windowÂ from the
> Received window would solve the confusion
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> Currently it is like holding 2 or more CW contacts at the same time. this will
> not become the viable mode people want untill this confusion is gone.
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> Frank WA5VCS
>
> Â
>
>
>
> _____
> From: Rick Muething <rmuething@...>
> To: V4Protocol@yahoogroups.com
> Sent: Sat, May 28, 2011 12:51:23 PM
> Subject: Re: [V4Protocol] arq timing
>
> Â
> Frank, David,
>
> I am not sure I am following your comments.
> 1) There is parameter in the V4 code that is called the minimum Rx to Tx delay.Â
> That is a time (measured in the CPU) that holds off a reply of a received frame
> until the start (PTT) of the reply.Â Currently set at 200 ms but it could be
> actually 200-250ms depending on CPU activitity. (Using the CPU, 20 ms timers and
> an OS that isnâ☐☐t true â☐☐real timeâ☐☐ doesnâ☐☐t give you very fine resolution or
> accuracy!).Â Now you can compare this to for example Pactor which requires (in
> the spec) a Tx to Rx switchover time in the 20-30 ms range.Â I can set this
> parameter (we donâ☐☐t want it to be a user set parameter as it could affect
> compatibility) to almost anything from 40 ms to a second or more but the longer
> the delay the slower the throughput....that wait time is essentially dead time
> in the protocol....nothing happens.Â I picked 200 ms which is quite safe for any
> modern transmitter and sound card keying mechanism. (For example WINMOR uses 100
> ms and few problems have been reported).Â If the Transmitter canâ☐☐t release in
> 200 ms there is some problem with the keying setup.Â In almost every case with

> WINMOR where someone finds a problem it is due to Delay added by the sound card
> keying, Transmitter VOX delay or in a few rare cases CAT command delay where the
> user was trying to use a serial port at 1200 baud.Â (that can add a couple of
> hundred ms). The spec and troubleshooting sections call out that those delays
> need to be minimum.Â I donâ□□t think you want to slow down the protocol because
> someone doesnâ□□t want to turn down the delayÂ or VOX hold pot or insists on using
> a 1200 baud CAT port.
>
> 2) Sending an <EOT> with a carriage return.
> Â Â Â a)Â Iâ□□m not sure of the value of this...Many people put in a Carriage return
> for read ability (new line).Â I donâ□□t think that should rigidly signal the end
> of text. (Maybe I want to make some â□□white spaceâ□□ in the text for read ability?)
>
> Â Â b) In ARQ mode for V4 there is no need to do anything to tell the other guy
> to send....It is automatic and built into the protocol.Â If the current sender
> (the ISS) has data to send (in its buffer) it continues sending ....even if the
> IRS (station receiving) has entered text into his keyboard window or even into
> his outbound queue). When the ISS completes sending (his last queued character
> is ACKed) he automatically sends an IDL frame signaling the IRS he is finished.
> IF the IRS then has data to send it grabs the ISS position using a special
> handshake and state and it becomes the ISS. This works even if the hand shake is
> missed in either direction because the special state will keep repeating it
> until it is ACKed.Â This is well thought thorough and works and is similar in
> some ways to the way WINMOR does the IRS to ISS changeover.Â In any viable ARQ
> mechanism you have to have this kind of rigid and bulletproof changeover
> mechanism or you will have total chaos (e.g. Both stations think they are the
> ISS or both think they are the IRS). If that ever happens the link is
> essentially dead and will timeout.Â The only thing that could be added (I have
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> special reply (by the IRS) which says to the ISS â□□I donâ□□t care IF you have more
> data to send or not ....I want to be the ISS and sendâ□□.Â This is sometimes
> called a BREAK (in Pactor).Â It could be done but it ends up clobbering whatever
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> sentence?, restart where you were?)Â In general this kind of BREAK interrupt is
> rarely used because of these difficulties so I have not added it to V4. At any
> rate that is a final polish to the protocol ...we are not anywhere near that
> yet!
>
> Hope this clarifies things...
>
> 73,
> Rick KN6KB
>

1013. Still having a problem with ARQ

Yahoo group: V4Protocol
Date: 2011-05-29 11:42:14 UTC
From: kirkharding@rocketmail.com
Topic: 1013 Message: 1013

Rick,

Yesterday afternoon, I sent an email to you directly versus posting it on the refletor. I did this due to the fact that you can't add enclosures to reflector postings and I thought you might see it sooner. I attached a copy of my most recent V4 log. I have gone ahead and posted this to the V4 reflector files section. I understand that there is a chain of eents that must be met in order to establish an ARQ connection. As stated in my personal email to you, I have no problems using FEC but just as soon as I switch to ARQ I am unable to receive. When in ARQ, I do get a connect and (I think), text is transmitted (I can't see it), but other than receiving the other call sign (i.e. WB0ZYU DE K6KAR), I see no further text until I switch back to FEC. The problem is obviously on my end but I'm unable to figure out the fix. Bottom line is I've had no success with ARQ.

73,

Kirk, K6KAR

1014. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-05-29 11:44:35 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1014

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 20110528.log
Uploaded by : kirkharding@... <kirk.harding@...>
Description : V4 Log 20100518

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%2020110528.log

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kirkharding@... <kirk.harding@...>

1015. Re: arq timing

Yahoo group: V4Protocol
Date: 2011-05-29 12:35:31 UTC
From: la7um
Topic: 999 Message: 1015

Pete and Rick. Yes. Amtor was very rigid. Pactor1 had the option for "long path" connection entering the exclamation symbol ! just ahead of the Callsign.

This worked in two ways:
Either as intended for a longer real path
or
using very old slow switching rigs on pretty local qsos (fringe benefit?.

I don't here exactly remember the added delay....some 1.3 sec or something.

I am dealing with the same issue at the time beeing in another way using WINMOR with its strong FEC running through one voice repeater, or even one client through and added xband repeater.
(See the WINMOR and winlinkemcomm forums)

This needed a lot of tweeking finding working parameters, but once that has been done, it works.

Once the research or tweeking (taking a lot of time) has been done, this is a matter of standardization. A very important one.

In a local VHF environment it is easy for all involved parties to agree upon their "local standard".

If infrastructure is down, either direct if possible, or via ANY surviving repeater a message could be transferred from an office with a simple magnet foot antenna in the window to another part of the town where the receipient is located the same way, OR it could be a place where HF antennas have been erected and the message might be forwarded on HF anywhere into the winlink system.

(Kind of internal packet, but without the need for extra packet infrastructure). Some voice repeater would probably always be the very first priority of establishing.

It is a lot of internal timers/timeouts within the protocoll itself so this I guess is not easy programming.

My posting here is not solely V4, sorry for beeing partly off topic, but the thinking beeing discussed on this thread is important.
It is always a tradeoff between throughput and delay parameters, and I think Rick here in V4 has found a good "middle road", operation the OS WINDOWS and soundcards.

On HF (or a symmetrical VHF/UHF setup) both parties do need using the same parameters.

I believe that the Pactor1 ! exclamation mark ahead of the called callsign did inform, during the intitial negotiation with the far distant station, that the remote Pactor station as well should automatically be entered in the Long path mode as well using the same delay parameter.

Thus ensuring that both parties still will run identical switching parameters, off course at the cost of througput.
But the alternative might be NO througput.

Maybe something like this might be an idea for implementing, letting V4 work around the world? Or enabling old vintage rigs to be used?

73 de la7um Finn

1016. V4Chat contacts in LOTW and EQSL.CC

Yahoo group: V4Protocol
Date: 2011-05-29 13:09:48 UTC
From: ham
Topic: 1016 Message: 1016

For now, I am selecting the FSK31 mode for logging purposes in LOTW. Any other ideas or suggestions would be welcome.

73, Bernie

1017. Re: [V4Protocol] Re: arq timing

Yahoo group: V4Protocol
Date: 2011-05-29 13:21:37 UTC
From: Rick Muething
Topic: 999 Message: 1017

The long path in Pactor was there to handle the propagation path time which was significant compared to the normal Pactor reply time. A signal can go around the world (25000 mi) in less than 140 ms so with the timing used in V4 (or WINMOR) propagation timing is not a concern so there is no need for “long path” or timing tweaks by users. If the users Transceiver switches in 100 ms or less (most are about 5-10x that fast) and the user does not hold the PTT down after the audio is stopped there is no problem and no need for adjustments. The basics here are that ARQ requires reasonably rapid T>R and R>T switching and that doesn’t permit adding hundreds of ms of hold time to the PTT unless one is willing to require users to make specific adjustments (like circa 1980’s packet with all its timing parameters). That would just insure confusion, and degrade throughput.

Rick KN6KB

1018. Re: [V4Protocol] Still having a problem with ARQ

Yahoo group: V4Protocol
Date: 2011-05-29 13:24:22 UTC
From: Rick Muething
Topic: 1013 Message: 1018

Kirk,

It is working...It’s the same software others are using.

Rather than spend half a day digging through your logs it will be more productive for me to finish testing the new release (which has provisions for calling a specific call sign or calling CQ in ARQ mode). This will be easier to user and understand.

Rick KN6KB

From: mailto:kirk.harding@...
Sent: Sunday, May 29, 2011 7:42 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Still having a problem with ARQ

Rick,

Yesterday afternoon, I sent an email to you directly versus posting it on the refletor. I did this due to the fact that you can't add enclosures to reflector postings and I thought you might see it sooner. I attached a copy of my most recent V4 log. I have gone ahead and posted this to the V4 reflector files section. I understand that there is a chain of eents that must be met in order to establish an ARQ connection. As stated in my personal email to you, I have no problems using FEC but just as soon as I switch to ARQ I am unable to receive. When in ARQ, I do get a connect and (I think), text is transmitted (I can't see it), but other than receiving the other call sign (i.e. WB0ZYU DE K6KAR), I see no further text until I switch back to FEC. The problem is obviously on my end but I'm unable to figure out the fix. Bottom line is I've had no success with ARQ.

73,

Kirk, K6KAR

1019. QRV V4

Yahoo group: V4Protocol
Date: 2011-05-29 14:19:03 UTC
From: Russell Blair
Topic: 1019 Message: 1019

I'l be QRV calling CQ on 18090 V4 ARQ mode.

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #0693
Digital Mode Club #03198
BARTG #8457
EPC #13477

"Thomas Jefferson"
I predict future happiness for
Americans if they can prevent the government
from wasting the labors of the people under the
pretense of taking care of them.

1020. Sorry cant make it on 17m

Yahoo group: V4Protocol
Date: 2011-05-29 14:25:07 UTC
From: Russell Blair
Topic: 1020 Message: 1020

My Antenna doesnt like 17m today need to look into that.

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #0693
Digital Mode Club #03198
BARTG #8457
EPC #13477

"Thomas Jefferson"
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pretense of taking care of them.

1021. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-05-29 14:37:47 UTC
From: Ed Woods WD9DVA
Topic: 43 Message: 1021

Kirk it's not there. Why a log file? 73 Ed WD9DVA AFA5QW
----- Original Message -----
From: V4Protocol@yahoogroups.com
To: V4Protocol@yahoogroups.com
Sent: Sunday, May 29, 2011 11:44
Subject: [V4Protocol] New file uploaded to V4Protocol

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 20110528.log
Uploaded by : kirkharding@... <kirk.harding@...>
Description : V4 Log 20100518

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%2020110528.log

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kirkharding@... <kirk.harding@...>

1022. Re: [V4Protocol] Still having a problem with ARQ

Yahoo group: V4Protocol
Date: 2011-05-29 15:05:46 UTC
From: W6IDS
Topic: 1013 Message: 1022

Kirk, Good Morning. . . .

You are experiencing the same type of conditions as I am or so it seems. I find the ARQ mode not useable at the present time for ME. There are others who are using ARQ just fine.

The symptoms you described are pretty much in line with my own so to say that "the problem is obviously on my end but I'm unable to figure out the fix" is not an acceptance of guilt. You're not a programmer, so far as I know and neither am I. You can only provide the input to the developer as best you can, regardless of what others are experiencing, and then see where it goes from there.

That's what Alpha and Beta testing is all about. Finding anomalies and reporting them.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "kirkharding@..." <kirk.harding@...>
To: <V4Protocol@yahoogroups.com>
Sent: Sunday, May 29, 2011 7:42 AM
Subject: [V4Protocol] Still having a problem with ARQ

> Rick,
>
> Yesterday afternoon, I sent an email to you directly versus posting it on
> the refletor. I did this due to the fact that you can't add enclosures to
> reflector postings and I thought you might see it sooner. I attached a
> copy of my most recent V4 log. I have gone ahead and posted this to the V4
> reflector files section. I understand that there is a chain of eents that
> must be met in order to establish an ARQ connection. As stated in my
> personal email to you, I have no problems using FEC but just as soon as I
> switch to ARQ I am unable to receive. When in ARQ, I do get a connect and
> (I think), text is transmitted (I can't see it), but other than receiving
> the other call sign (i.e. WB0ZYU DE K6KAR), I see no further text until I
> switch back to FEC. The problem is obviously on my end but I'm unable to
> figure out the fix. Bottom line is I've had no success with ARQ.
>
> 73,
>
> Kirk, K6KAR

1023. QRV on 21.073 FEC mode

Yahoo group: V4Protocol
Date: 2011-05-29 15:10:03 UTC
From: Russell Blair
Topic: 1023 Message: 1023

I hr some PSK so I'm on 21073 QRV in FEC mode calling CQ

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #0693
Digital Mode Club #03198
BARTG #8457
EPC #13477

"Thomas Jefferson"
I predict future happiness for
Americans if they can prevent the government
from wasting the labors of the people under the
pretense of taking care of them.

1024. RE: [V4Protocol] Still having a problem with ARQ

Yahoo group: V4Protocol
Date: 2011-05-29 15:24:29 UTC
From: K6KAR
Topic: 1013 Message: 1024

Good Moring to you Howard,

It is a little frustrating but I suspect it may be a timing issue. I know that Rick will soon release an update so will just wait until I can give that a try. It's strange that I can use FEC and it works great but when I switch to ARQ, no joy. I'm using a Flex-5000 with virtual cables and virtual com ports. These along with V4 are installed on a home brewed I7 computer running Win7 Ultimate X86 . I've had no problems with other ARQ modes (ALE-400 and 131). It's interesting that we both can connect using ARQ but don't see any data transfer (text). As you point out it's beta testing so will continue to see if any changes I make correct the problem.

73,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of W6IDS
Sent: Sunday, May 29, 2011 10:06 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Still having a problem with ARQ

Kirk, Good Morning. . . .

You are experiencing the same type of conditions as I am or so it seems. I find the ARQ mode not useable at the present time for ME. There are others who are using ARQ just fine.

The symptoms you described are pretty much in line with my own so to say that "the problem is obviously on my end but I'm unable to figure out the fix" is not an acceptance of guilt. You're not a programmer, so far as I know and neither am I. You can only provide the input to the developer as best you can, regardless of what others are experiencing, and then see where it goes from there.

That's what Alpha and Beta testing is all about. Finding anomalies and reporting them.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "kirkharding@... <mailto:kirkharding%40rocketmail.com> " <kirk.harding@... <mailto:kirk.harding%40cox.net> >
To: <V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> >
Sent: Sunday, May 29, 2011 7:42 AM
Subject: [V4Protocol] Still having a problem with ARQ

> Rick,
>
> Yesterday afternoon, I sent an email to you directly versus posting it on
> the refletor. I did this due to the fact that you can't add enclosures to
> reflector postings and I thought you might see it sooner. I attached a
> copy of my most recent V4 log. I have gone ahead and posted this to the V4

> reflector files section. I understand that there is a chain of eents that
> must be met in order to establish an ARQ connection. As stated in my
> personal email to you, I have no problems using FEC but just as soon as I
> switch to ARQ I am unable to receive. When in ARQ, I do get a connect and
> (I think), text is transmitted (I can't see it), but other than receiving
> the other call sign (i.e. WB0ZYU DE K6KAR), I see no further text until I
> switch back to FEC. The problem is obviously on my end but I'm unable to
> figure out the fix. Bottom line is I've had no success with ARQ.
>
> 73,
>
> Kirk, K6KAR

1025. Good sig here V31EA

Yahoo group: V4Protocol
Date: 2011-05-29 16:00:44 UTC
From: Fred G -w1wyc
Topic: 1025 Message: 1025

Hi Robert,

Gud signal here in W1 land about 7 miles South of DoC, W1EO. Just getting use to V4.

Fred, W1WYC, FN42jm

1026. Active on 14.0745

Yahoo group: V4Protocol
Date: 2011-05-29 16:01:51 UTC
From: Phil Williams
Topic: 1026 Message: 1026

--
Philw de KA1GMN

1027. Re: [V4Protocol] Still having a problem with ARQ

Yahoo group: V4Protocol
Date: 2011-05-29 16:22:39 UTC
From: W6IDS
Topic: 1013 Message: 1027

Well, sure, it's strange. Some of V4 Chat is "strange", for want of a better word, for someone with Pactor baggage <GRIN> It is similar but not the same. I use Pactor I for years and V4 takes a little getting used to but, refinements not withstanding, that's not to say V4 is totally wanting. It's current mental issues of this ol' Pactor lover that have to be overcome.

I'm using the VISTA 64 OS myself and THAT took some gettng used to for sure - but it's doing quite well with ME. . .HERE. . .now.

In my initial ARQ attempts, I displayed the other person at first, then i stopped . . .although we were still transmitting. My own transmit attempts were made with no visible sign of the transmitted text - the text I moved upwards was not followed by the displayed outgoing text. Near as I can tell, I wasn't transmitting text - the other station saw none - and we simply sat there for all intent and purposes for the timeout to occur. Most likely, it well may be my incorrect use of the program when transmitting.... and that may be where a refinement comes in. FEC was always successful as you found out.

Yep, we'll see what the next release has to offer. With that in mind, when we test it and come across an "issue" we let Rick know in the forum usually. IF. . .Rick decides to investigate it immediately, he'll ask you for just the Debug log and have you send it to him direct. He also might have some additional instructions for you to follow in line with the log submission.

Howard
----- Original Message -----
From: K6KAR
To: V4Protocol@yahoogroups.com
Sent: Sunday, May 29, 2011 11:24 AM
Subject: RE: [V4Protocol] Still having a problem with ARQ

Good Moring to you Howard,

It is a little frustrating but I suspect it may be a timing issue. I know that Rick will soon release an update so will just wait until I can give that a try. It's strange that I can use FEC and it works great but when I switch to ARQ, no joy. I'm using a Flex-5000 with virtual cables and virtual com ports. These along with V4 are installed on a home brewed I7 computer running Win7 Ultimate X86 . I've had no problems with other ARQ modes (ALE-400 and 131). It's interesting that we both can connect using ARQ but don't see any data transfer (text). As you point out it's beta testing so will continue to see if any changes I make correct the problem.

73,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@...m] On Behalf Of W6IDS
Sent: Sunday, May 29, 2011 10:06 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Still having a problem with ARQ

Kirk, Good Morning. . . .

You are experiencing the same type of conditions as I am or so it seems.
I find the ARQ mode not useable at the present time for ME. There are
others who are using ARQ just fine.

<SNIP>

1028. KA1GMN and K6KAR QRV 14.100 V4

Yahoo group: V4Protocol
Date: 2011-05-29 17:14:50 UTC
From: Phil Williams
Topic: 1028 Message: 1028

--
Philw de KA1GMN

1029. RE: [V4Protocol] QRV on 21.073 FEC mode

Yahoo group: V4Protocol
Date: 2011-05-29 18:33:08 UTC
From: Lee Swanson
Topic: 1023 Message: 1029

CORRECTION: my Skype user name is nr5g57 not... nr5g

To: V4Protocol@yahoogroups.com
From: russell_blair86@...
Date: Sun, 29 May 2011 08:10:03 -0700
Subject: [V4Protocol] QRV on 21.073 FEC mode

I hr some PSK so I'm on 21073 QRV in FEC mode calling CQ

Russell NC5O

" IN GOD WE TRUST "

Russell Blair (NC5O)

Skype-Russell.Blair

Hell Field #300

DRCC #55

30m Dig-group #0693

Digital Mode Club #03198

BARTG #8457

EPC #13477

"Thomas Jefferson"

I predict future happiness for

Americans if they can prevent the government

from wasting the labors of the people under the

pretense of taking care of them.

1030. Re: [V4Protocol] QRV on 21.073 FEC mode

Yahoo group: V4Protocol
Date: 2011-05-29 19:05:51 UTC
From: Russell Blair
Topic: 1023 Message: 1030

Ok Lee got you added to my skype.

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #0693
Digital Mode Club #03198
BARTG #8457
EPC #13477

"Thomas Jefferson"
I predict future happiness for
Americans if they can prevent the government
from wasting the labors of the people under the
pretense of taking care of them.

From: Lee Swanson <nr5g@...>
To: v4protocol@yahoogroups.com
Sent: Sun, May 29, 2011 1:33:08 PM
Subject: RE: [V4Protocol] QRV on 21.073 FEC mode

CORRECTION: my Skype user name is   nr5g57   not... nr5g

To: V4Protocol@yahoogroups.com
From: russell_blair86@...
Date: Sun, 29 May 2011 08:10:03 -0700
Subject: [V4Protocol] QRV on 21.073 FEC mode

I hr some PSK so I'm on 21073 QRV in FEC mode calling CQ

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
Hell Field #300
DRCC #55
30m Dig-group #0693
Digital Mode Club #03198
BARTG #8457
EPC #13477

"Thomas Jefferson"
I predict future happiness for
Americans if they can prevent the government
from wasting the labors of the people under the
pretense of taking care of them.

1031. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-05-30 11:35:41 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1031

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.2.1.0 Setup.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4 Chat Setup (full install) version 0.2.1.0

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.2.1.0%20Setup.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1032. Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Yahoo group: V4Protocol
Date: 2011-05-30 11:42:56 UTC
From: kn6kb
Topic: 1032 Message: 1032

All,

This is an important update with significant changes on how to call "CQ" or call a specific call sign in ARQ mode. There may be some incompatibilities with version 0.2.0.0. Download (from the V4Protocol reflector) the file V4Chat Setup (0.2.1.0). Unzip and save the files in a temp directory. Read the ReadMeFirst file. Uninstall your existing V4Chat if already installed (your setting will NOT be lost). Install the new version with the msi file in the zip.

After starting V4Chat be sure and read the help especially the section on Typical ARQ operation ...several changes there.

I think this is much simpler and more straightforward in terms of operating practice. Let me know your feedback.

73, and be sure to remember our Veterans this day!

Rick Muething, KN6KB

1033. Whoops!

Yahoo group: V4Protocol
Date: 2011-05-30 12:25:11 UTC
From: kn6kb
Topic: 1033 Message: 1033

There was a problem with that last version. I'll update this morning and repost.

Rick KN6KB

1034. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-05-30 14:05:45 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1034

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat Setup 0.2.1.1.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4 Chat Setup (full install) version 0.2.1.1

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%20Setup%200.2.1.1.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1035. New Version 0.2.1.1

Yahoo group: V4Protocol
Date: 2011-05-30 14:10:24 UTC
From: kn6kb
Topic: 1035 Message: 1035

OK this version fixed that bug in 0.2.1.0. It should work fairly well except for a tricky known bug in a timeout abort when CWID is NOT checked...So you can avoid this by simply leaving CWID checked (default) in the setup.

There are probalby still issues with this. If you have a problem PLEASE document it well (debug logs etc) and send the logs with a description of the problem directly to me (not through the reflector) at rmuethingATcfl.rr.com and I will take a look.

Be sure and read the help to find out how to send CQ and how to call a specific station!

73,

Good testing.

Rick Muething, KN6KB

1036. RE: [V4Protocol] New Version 0.2.1.1

Yahoo group: V4Protocol
Date: 2011-05-30 14:12:56 UTC
From: Daniel V. Wolff, Jr.
Topic: 1035 Message: 1036

Received and acknowledged. I assume the updated program is posted in the Yahoo group files section.

73,

Mr. Daniel V. Wolff, Jr.
Regional Director (Region 11)
US Army Military Auxiliary Radio System (MARS)
MARS Callsigns: AEM1WF, AEA1RD

Neidenbach, Germany

Cell Ph: 0175-5282918 (or +49-175-5282918)

aem1wf@...

daniel.v.wolff@...

http://www.qsl.net/aem1wf

HQ MARS: http://www.netcom.army.mil/mars

Classification: UNCLASSIFIED
Caveats: NONE

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kn6kb
Sent: Monday, May 30, 2011 4:10 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] New Version 0.2.1.1

OK this version fixed that bug in 0.2.1.0. It should work fairly well except for a tricky known bug in a timeout abort when CWID is NOT checked...So you can avoid this by simply leaving CWID checked (default) in the setup.

There are probalby still issues with this. If you have a problem PLEASE document it well (debug logs etc) and send the logs with a description of the problem directly to me (not through the reflector) at rmuethingATcfl.rr.com and I will take a look.

Be sure and read the help to find out how to send CQ and how to call a specific station!

73,

Good testing.

Rick Muething, KN6KB

1037. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-05-30 14:23:50 UTC
From: W6IDS
Topic: 43 Message: 1037

Rick,

I just installed and took a quick glance at the Help info for ARQ comms.

I'm liking what I'm seeing in the information thus far. Have to do chores,
but will be anxious to test in an hour or so. Right now, it's monitoring
on 7061.00 with my RMS WINMOR and PacTOR I messaging.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: <V4Protocol@yahoogroups.com>
To: <V4Protocol@yahoogroups.com>
Sent: Monday, May 30, 2011 10:05 AM
Subject: [V4Protocol] New file uploaded to V4Protocol

>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the V4Protocol
> group.
>
> File : /V4Chat Setup 0.2.1.1.zip
> Uploaded by : kn6kb <rmuething@...>
> Description : V4 Chat Setup (full install) version 0.2.1.1
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/V4Protocol/files/V4Chat%20Setup%200.2.1.1.zip
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> Regards,
>
> kn6kb <rmuething@...>

1038. Auto-update? - RE: [V4Protocol] New Version 0.2.1.1

Yahoo group: V4Protocol
Date: 2011-05-30 14:30:05 UTC
From: Daniel V. Wolff, Jr.
Topic: 1035 Message: 1038

Will the V4-Chat program auto-update or do I need to uninstall the previous version and install the new one? If it doesn't auto-update, will you be including this feature in future version? I very much prefer the auto-update method.

73,

Mr. Daniel V. Wolff, Jr.
Regional Director (Region 11)
US Army Military Auxiliary Radio System (MARS)
MARS Callsigns: AEM1WF, AEA1RD

Neidenbach, Germany

Cell Ph: 0175-5282918 (or +49-175-5282918)

aem1wf@...

daniel.v.wolff@...

http://www.qsl.net/aem1wf

HQ MARS: http://www.netcom.army.mil/mars

Classification: UNCLASSIFIED
Caveats: NONE

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kn6kb
Sent: Monday, May 30, 2011 4:10 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] New Version 0.2.1.1

OK this version fixed that bug in 0.2.1.0. It should work fairly well except for a tricky known bug in a timeout abort when CWID is NOT checked...So you can avoid this by simply leaving CWID checked (default) in the setup.

There are probalby still issues with this. If you have a problem PLEASE document it well (debug logs etc) and send the logs with a description of the problem directly to me (not through the reflector) at rmuethingATcfl.rr.com and I will take a look.

Be sure and read the help to find out how to send CQ and how to call a specific station!

73,

Good testing.

Rick Muething, KN6KB

1039. Frquencies

Yahoo group: V4Protocol
Date: 2011-05-30 14:44:14 UTC
From: jgmags2000
Topic: 1039 Message: 1039

Hello group, have any frequencies/bands been agreed to. It seems there are stations QRV all over the place. If we are to experiment with this mode I think it is necessary to have established frequencies , at least to get started.

73, John KJ1J

1040. RE: [V4Protocol] Frquencies

Yahoo group: V4Protocol
Date: 2011-05-30 15:12:59 UTC
From: Matt Zilmer
Topic: 1039 Message: 1040

Here are some that seem to work:
http://wa4zko.wordpress.com/2010/12/19/winmor-v4chat-common-frequencies/

73,
matt W6NIA

To: V4Protocol@yahoogroups.com
From: jgmags2000@...
Date: Mon, 30 May 2011 14:44:14 +0000
Subject: [V4Protocol] Frquencies

Hello group, have any frequencies/bands been agreed to. It seems there are stations QRV all over the place. If we are to experiment with this mode I think it is necessary to have established frequencies , at least to get started.

73, John KJ1J

1041. AW: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Yahoo group: V4Protocol
Date: 2011-05-30 15:16:25 UTC
From: Siegfried Jackstien
Topic: 1032 Message: 1041

Hello rick ... was on hp about 2 hours before ... no zip file ... but after
I received your mail rechecked the page :-)
Thank fer info
Greetz
Dg9bfc
Sigi
Ps setup was no problem on my xp 1.8 gig laptop

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von kn6kb
> Gesendet: Montag, 30. Mai 2011 11:43
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site
>
>
>
> All,
>
> This is an important update with significant changes on how to call "CQ"
> or call a specific call sign in ARQ mode. There may be some
> incompatibilities with version 0.2.0.0. Download (from the V4Protocol
> reflector) the file V4Chat Setup (0.2.1.0). Unzip and save the files in a
> temp directory. Read the ReadMeFirst file. Uninstall your existing V4Chat
> if already installed (your setting will NOT be lost). Install the new
> version with the msi file in the zip.
>
> After starting V4Chat be sure and read the help especially the section on
> Typical ARQ operation ...several changes there.
>
> I think this is much simpler and more straightforward in terms of
> operating practice. Let me know your feedback.
>
> 73, and be sure to remember our Veterans this day!
>
> Rick Muething, KN6KB
>
>
>
>

1042. Re: Auto-update? - RE: [V4Protocol] New Version 0.2.1.1

Yahoo group: V4Protocol
Date: 2011-05-30 15:19:37 UTC
From: Rick Muething
Topic: 1035 Message: 1042

It currently does not enable auto update....In the beginning where there are lots of changes that is not very practical as new full installs are best. Once things settle down with less often releases I will enable the auto update.

Rick KN6KB

From: Daniel V. Wolff, Jr.
Sent: Monday, May 30, 2011 10:30 AM
To: V4Protocol@yahoogroups.com
Subject: Auto-update? - RE: [V4Protocol] New Version 0.2.1.1

Will the V4-Chat program auto-update or do I need to uninstall the previous version and install the new one? If it doesn't auto-update, will you be including this feature in future version? I very much prefer the auto-update method.

73,

Mr. Daniel V. Wolff, Jr.
Regional Director (Region 11)
US Army Military Auxiliary Radio System (MARS)
MARS Callsigns: AEM1WF, AEA1RD

Neidenbach, Germany

Cell Ph: 0175-5282918 (or +49-175-5282918)

aem1wf@...

daniel.v.wolff@...

http://www.qsl.net/aem1wf

HQ MARS: http://www.netcom.army.mil/mars

Classification: UNCLASSIFIED
Caveats: NONE

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kn6kb
Sent: Monday, May 30, 2011 4:10 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] New Version 0.2.1.1

OK this version fixed that bug in 0.2.1.0. It should work fairly well except for a tricky known bug in a timeout abort when CWID is NOT checked...So you can avoid this by simply leaving CWID checked (default) in the setup.

There are probalby still issues with this. If you have a problem PLEASE document it well (debug logs etc) and send the logs with a description of the problem directly to me (not through the reflector) at rmuethingATcfl.rr.com and I will take a look.

Be sure and read the help to find out how to send CQ and how to call a specific station!

73,

Good testing.

Rick Muething, KN6KB

1043. RE: [V4Protocol] New Version 0.2.1.1

Yahoo group: V4Protocol
Date: 2011-05-30 15:37:48 UTC
From: Matt Zilmer
Topic: 1035 Message: 1043

Anyone up for testing ARQ? Located in So. CA. and can do any band from 80m to 30m.

Monitoring 7073.0 USB at present.

matt W6NIA [Call W6NIA-5]

1044. RE: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Yahoo group: V4Protocol
Date: 2011-05-30 16:17:22 UTC
From: Matt Zilmer
Topic: 1032 Message: 1044

Hi Rick,

I have 0.2.1.1 installed here now. Was running a pre-0.2.10 downrev.

Operability seems much improved, esp for calling CQ in ARQ mode. No contacts yet, but we'll see - maybe someone will show up.

73,
matt W6NIA
Listening 10131.0 USB. [Call W6NIA]

To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Mon, 30 May 2011 11:42:56 +0000
Subject: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

All,

This is an important update with significant changes on how to call "CQ" or call a specific call sign in ARQ mode. There may be some incompatibilities with version 0.2.0.0. Download (from the V4Protocol reflector) the file V4Chat Setup (0.2.1.0). Unzip and save the files in a temp directory. Read the ReadMeFirst file. Uninstall your existing V4Chat if already installed (your setting will NOT be lost). Install the new version with the msi file in the zip.

After starting V4Chat be sure and read the help especially the section on Typical ARQ operation ...several changes there.

I think this is much simpler and more straightforward in terms of operating practice. Let me know your feedback.

73, and be sure to remember our Veterans this day!

Rick Muething, KN6KB

1045. Re: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Yahoo group: V4Protocol
Date: 2011-05-30 16:27:38 UTC
From: Phil Williams
Topic: 1032 Message: 1045

Matt,

Are you still on 30 meters right now?

philw de ka1gmn

On Mon, May 30, 2011 at 11:17 AM, Matt Zilmer <mzilmer@...> wrote:

>
>
> Hi Rick,
>
> I have 0.2.1.1 installed here now. Was running a pre-0.2.10 downrev.
>
> Operability seems much improved, esp for calling CQ in ARQ mode. No
> contacts yet, but we'll see - maybe someone will show up.
>
> 73,
> matt W6NIA
> Listening 10131.0 USB. * [Call W6NIA]*
>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: rmuething@...
> Date: Mon, 30 May 2011 11:42:56 +0000
> Subject: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site
>
>
>
> All,
>
> This is an important update with significant changes on how to call "CQ" or
> call a specific call sign in ARQ mode. There may be some incompatibilities
> with version 0.2.0.0. Download (from the V4Protocol reflector) the file
> V4Chat Setup (0.2.1.0). Unzip and save the files in a temp directory. Read
> the ReadMeFirst file. Uninstall your existing V4Chat if already installed
> (your setting will NOT be lost). Install the new version with the msi file
> in the zip.
>
> After starting V4Chat be sure and read the help especially the section on
> Typical ARQ operation ...several changes there.
>
> I think this is much simpler and more straightforward in terms of operating
> practice. Let me know your feedback.
>
> 73, and be sure to remember our Veterans this day!

>
> Rick Muething, KN6KB
>
>
>
>

--
Philw de KA1GMN

1046. Re: [V4Protocol] Frquencies

Yahoo group: V4Protocol
Date: 2011-05-30 16:35:05 UTC
From: W6IDS
Topic: 1039 Message: 1046

I've had some activity on 7061.000 where I have my RMS Winmor and
PacTOR I set up for Gateway. I'm also running BPQ32 Node Switch.
If you can deal with the periodic WINMOR connects for traffic and a
PacTOR I station checking the mailbox, feel free but on a first come,
first serve activity, of course.

I'm testing V4 too, so the arrangement works well as long as we play
nice <GRIN>

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Matt Zilmer
To: v4protocol@yahoogroups.com
Sent: Monday, May 30, 2011 11:12 AM
Subject: RE: [V4Protocol] Frquencies

Here are some that seem to work:
http://wa4zko.wordpress.com/2010/12/19/winmor-v4chat-common-frequencies/

73,
matt W6NIA

1047. RE: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Yahoo group: V4Protocol
Date: 2011-05-30 16:45:57 UTC
From: Matt Zilmer
Topic: 1032 Message: 1047

Yes, right on 10131.0 USB. Elecraft K3, 25W.

matt

To: V4Protocol@yahoogroups.com
From: ka1gmn@...
Date: Mon, 30 May 2011 11:27:38 -0500
Subject: Re: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Matt,
Are you still on 30 meters right now?
philw de ka1gmn

On Mon, May 30, 2011 at 11:17 AM, Matt Zilmer <mzilmer@...> wrote:

Hi Rick,

I have 0.2.1.1 installed here now. Was running a pre-0.2.10 downrev.

Operability seems much improved, esp for calling CQ in ARQ mode. No contacts yet, but we'll see - maybe someone will show up.

73,
matt W6NIA
Listening 10131.0 USB. [Call W6NIA]

To: V4Protocol@yahoogroups.com
From: rmuething@...

Date: Mon, 30 May 2011 11:42:56 +0000
Subject: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

All,

This is an important update with significant changes on how to call "CQ" or call a specific call sign in ARQ mode. There may be some incompatibilities with version 0.2.0.0. Download (from the V4Protocol reflector) the file V4Chat Setup (0.2.1.0). Unzip and save the files in a temp directory. Read the ReadMeFirst file. Uninstall your existing V4Chat if already installed (your setting will NOT be lost). Install the new version with the msi file in the zip.

After starting V4Chat be sure and read the help especially the section on Typical ARQ operation ...several changes there.

I think this is much simpler and more straightforward in terms of operating practice. Let me know your feedback.

73, and be sure to remember our Veterans this day!

Rick Muething, KN6KB

--
Philw de KA1GMN

1048. RE: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Yahoo group: V4Protocol
Date: 2011-05-30 16:50:25 UTC
From: Matt Zilmer
Topic: 1032 Message: 1048

Seeing KA1GMN, VE7CRT on 10131.0.

matt

To: V4Protocol@yahoogroups.com
From: ka1gmn@...
Date: Mon, 30 May 2011 11:27:38 -0500
Subject: Re: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Matt,
Are you still on 30 meters right now?
philw de ka1gmn

On Mon, May 30, 2011 at 11:17 AM, Matt Zilmer <mzilmer@...> wrote:

Hi Rick,

I have 0.2.1.1 installed here now. Was running a pre-0.2.10 downrev.

Operability seems much improved, esp for calling CQ in ARQ mode. No contacts yet, but we'll see - maybe someone will show up.

73,
matt W6NIA
Listening 10131.0 USB. [Call W6NIA]

To: V4Protocol@yahoogroups.com
From: rmuething@...

Date: Mon, 30 May 2011 11:42:56 +0000
Subject: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

All,

This is an important update with significant changes on how to call "CQ" or call a specific call sign in ARQ mode. There may be some incompatibilities with version 0.2.0.0. Download (from the V4Protocol reflector) the file V4Chat Setup (0.2.1.0). Unzip and save the files in a temp directory. Read the ReadMeFirst file. Uninstall your existing V4Chat if already installed (your setting will NOT be lost). Install the new version with the msi file in the zip.

After starting V4Chat be sure and read the help especially the section on Typical ARQ operation ...several changes there.

I think this is much simpler and more straightforward in terms of operating practice. Let me know your feedback.

73, and be sure to remember our Veterans this day!

Rick Muething, KN6KB

--
Philw de KA1GMN

1049. Loop test gives only some correct words back

Yahoo group: V4Protocol
Date: 2011-05-30 16:53:09 UTC
From: schwartzj22
Topic: 1049 Message: 1049

To all,

I have been using V4Chat (version 0.2.0.0) now for about 3 days. I think it is all working properly but I have yet to make a contact. I do have a question just to see if it is all working properly.

Test results:
1) Two tone test works and I used it to adjust the drive output.
2) feed-back loop test gives only partially the correct words back and sometimes yields no words back.
3) I have correctly copied some stations but did not connect with them in FEC mode.

My station is as follows:
Windows XP, Icom 746Pro, Interface is the US Interface Navigator (has its own sound card)
I have been using this configuration for years with the digital modes and all is working properly.

What is the significance that the loop test gives only partially the correct words back? Is it critical that all the words need to come back in order for the FEC mode to work properly?

Tks,
Joel-N3GSE
Schwartzj22@...

1050. RE: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Yahoo group: V4Protocol
Date: 2011-05-30 16:54:04 UTC
From: Matt Zilmer
Topic: 1032 Message: 1050

QSY to 7073.5 USB. 30m isn't fully awake yet. Lots of CRC fails.

Using 0.2.1.1 here.

matt W6NIA
Upland, CA.

To: v4protocol@yahoogroups.com
From: mzilmer@...
Date: Mon, 30 May 2011 10:50:25 -0600
Subject: RE: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Seeing KA1GMN, VE7CRT on 10131.0.

matt

To: V4Protocol@yahoogroups.com
From: ka1gmn@...
Date: Mon, 30 May 2011 11:27:38 -0500
Subject: Re: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Matt,

Are you still on 30 meters right now?
philw de ka1gmn

On Mon, May 30, 2011 at 11:17 AM, Matt Zilmer <mzilmer@...> wrote:

Hi Rick,

I have 0.2.1.1 installed here now. Was running a pre-0.2.10 downrev.

Operability seems much improved, esp for calling CQ in ARQ mode. No contacts yet, but we'll see - maybe someone will show up.

73,
matt W6NIA
Listening 10131.0 USB. [Call W6NIA]

To: V4Protocol@yahoogroups.com
From: rmuething@...

Date: Mon, 30 May 2011 11:42:56 +0000
Subject: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

All,

This is an important update with significant changes on how to call "CQ" or call a specific call sign in ARQ mode. There may be some incompatibilities with version 0.2.0.0. Download

(from the V4Protocol reflector) the file V4Chat Setup (0.2.1.0). Unzip and save the files in a temp directory. Read the ReadMeFirst file. Uninstall your existing V4Chat if already installed (your setting will NOT be lost). Install the new version with the msi file in the zip.

After starting V4Chat be sure and read the help especially the section on Typical ARQ operation ...several changes there.

I think this is much simpler and more straightforward in terms of operating practice. Let me know your feedback.

73, and be sure to remember our Veterans this day!

Rick Muething, KN6KB

--
Philw de KA1GMN

1051. Re: Auto-update? - RE: [V4Protocol] New Version 0.2.1.1

Yahoo group: V4Protocol
Date: 2011-05-30 16:10:59 UTC
From: Ted Trostle
Topic: 1035 Message: 1051

I seem unable to uninstall V4...I get an error message stating that an install error occurred, code 2230. When I check using windows explorer, there is no V4 folder in the Program Folder. If I run the V4 setup.msi it says an earlier version is installed...Hmmmm what can I do manually to get it out of hiding??

On Mon, May 30, 2011 at 11:19 AM, Rick Muething <rmuething@cfl.rr.com>wrote:

>
>
> It currently does not enable auto update....In the beginning where there
> are lots of changes that is not very practical as new full installs are
> best. Once things settle down with less often releases I will enable the
> auto update.
>
> Rick KN6KB
>
>
> *From:* Daniel V. Wolff, Jr. <wolff.neidenbach@...>
> *Sent:* Monday, May 30, 2011 10:30 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Auto-update? - RE: [V4Protocol] New Version 0.2.1.1
>
>
>
> Will the V4-Chat program auto-update or do I need to uninstall the
> previous version and install the new one? If it doesn’t auto-update, will
> you be including this feature in future version? I very much prefer the
> auto-update method.
>
> 73,
>
> Mr. Daniel V. Wolff, Jr.
> Regional Director (Region 11)
> US Army Military Auxiliary Radio System (MARS)
> MARS Callsigns: AEM1WF, AEA1RD
>
> Neidenbach, Germany
>
> Cell Ph: 0175-5282918 (or +49-175-5282918)
>
> aem1wf@...t
>
> daniel.v.wolff@...
>

> http://www.qsl.net/aem1wf
>
> HQ MARS: http://www.netcom.army.mil/mars
>
>
> Classification: UNCLASSIFIED
> Caveats: NONE
>
> ------------------------------
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *kn6kb
> *Sent:* Monday, May 30, 2011 4:10 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] New Version 0.2.1.1
>
>
>
> OK this version fixed that bug in 0.2.1.0. It should work fairly well
> except for a tricky known bug in a timeout abort when CWID is NOT
> checked...So you can avoid this by simply leaving CWID checked (default) in
> the setup.
>
> There are probalby still issues with this. If you have a problem PLEASE
> document it well (debug logs etc) and send the logs with a description of
> the problem directly to me (not through the reflector) at
> rmuethingATcfl.rr.com and I will take a look.
>
> Be sure and read the help to find out how to send CQ and how to call a
> specific station!
>
> 73,
>
> Good testing.
>
> Rick Muething, KN6KB
>
>
>

--
You cannot change history, but you can make history !
Education is the only legal cure for stupidity.

1052. RE: Auto-update? - RE: [V4Protocol] New Version 0.2.1.1

Yahoo group: V4Protocol
Date: 2011-05-30 16:59:12 UTC
From: Matt Zilmer
Topic: 1035 Message: 1052

Control Panel -> Add/Remove Programs, look for V4Chat, remove it.

To: V4Protocol@yahoogroups.com
From: ttrostle35@...
Date: Mon, 30 May 2011 12:10:59 -0400
Subject: Re: Auto-update? - RE: [V4Protocol] New Version 0.2.1.1

I seem unable to uninstall V4...I get an error message stating that an install error occurred, code 2230. When I check using windows explorer, there is no V4 folder in the Program Folder. If I run the V4 setup.msi it says an earlier version is installed...Hmmmm what can I do manually to get it out of hiding??

On Mon, May 30, 2011 at 11:19 AM, Rick Muething <rmuething@...> wrote:

It currently does not enable auto update....In the beginning where there
are lots of changes that is not very practical as new full installs are
best. Once things settle down with less often releases I will enable the
auto update.

Rick KN6KB

From: Daniel V. Wolff, Jr.
Sent: Monday, May 30, 2011 10:30 AM
To: V4Protocol@yahoogroups.com
Subject: Auto-update? - RE: [V4Protocol] New Version
0.2.1.1

Will the V4-Chat
program auto-update or do I need to uninstall the previous version and install
the new one? If it doesn’t auto-update, will you be including this feature
in future version? I very much prefer the auto-update
method.

73,
Mr. Daniel V. Wolff,
Jr.
Regional Director (Region 11)
US Army Military Auxiliary Radio System
(MARS)
MARS Callsigns: AEM1WF, AEA1RD
Neidenbach,
Germany
Cell Ph: 0175-5282918
(or +49-175-5282918)
aem1wf@...

daniel.v.wolff@...

http://www.qsl.net/aem1wf

HQ MARS: http://www.netcom.army.mil/mars

Classification:
UNCLASSIFIED
Caveats: NONE

From:
V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kn6kb

Sent: Monday, May 30, 2011 4:10
PM
To:
V4Protocol@yahoogroups.com
Subject: [V4Protocol] New Version
0.2.1.1

OK this
version fixed that bug in 0.2.1.0. It should work fairly well except for a
tricky known bug in a timeout abort when CWID is NOT checked...So you can avoid
this by simply leaving CWID checked (default) in the setup.

There are
probalby still issues with this. If you have a problem PLEASE document it well
(debug logs etc) and send the logs with a description of the problem directly to
me (not through the reflector) at rmuethingATcfl.rr.com and I will take a
look.

Be sure and read the help to find out how to send CQ and how to
call a specific station!

73,

Good testing.

Rick
Muething, KN6KB

--
You cannot change history, but you can make history !
Education is the only legal cure for stupidity.

1053. Re: [V4Protocol] Frquencies

Yahoo group: V4Protocol
Date: 2011-05-30 17:08:09 UTC
From: JGMAGS
Topic: 1039 Message: 1053

Thank you very much..73 John

"Many a good argument is ruined by some fool that knows what he is talking about"
... Marshall McLuhan...

From: Matt Zilmer <mzilmer@...>
To: v4protocol@yahoogroups.com
Sent: Monday, May 30, 2011 11:12 AM
Subject: RE: [V4Protocol] Frquencies

Here are some that seem to work:
http://wa4zko.wordpress.com/2010/12/19/winmor-v4chat-common-frequencies/

73,
matt W6NIA

To: V4Protocol@...m
From: jgmags2000@...
Date: Mon, 30 May 2011 14:44:14 +0000
Subject: [V4Protocol] Frquencies

Hello group, have any frequencies/bands been agreed to. It seems there are stations QRV all over the place. If we are to experiment with this mode I think it is necessary to have established frequencies , at least to get started.

73, John KJ1J

1055. Re: Loop test gives only some correct words back

Yahoo group: V4Protocol
Date: 2011-05-30 17:11:24 UTC
From: ham
Topic: 1049 Message: 1055

I've experienced the same problem with version 0.2.0.0 -- restarting the program seems to fix the problem. I believe this is a software issue of some sort.

I am running Windows XP and .NET with all the latest patches. The radio is an ICOM 746Pro. I am keying the radio with PTT only via a home brew opto-isolated interace.

Bernie

--- In V4Protocol@yahoogroups.com, "schwartzj22" <schwartzj22@...> wrote:
>
> To all,
>
> I have been using V4Chat (version 0.2.0.0) now for about 3 days. I think it is all working properly but I have yet to make a contact. I do have a question just to see if it is all working properly.
>
> Test results:
> 1) Two tone test works and I used it to adjust the drive output.
> 2) feed-back loop test gives only partially the correct words back and sometimes yields no words back.
> 3) I have correctly copied some stations but did not connect with them in FEC mode.
>
> My station is as follows:
> Windows XP, Icom 746Pro, Interface is the US Interface Navigator (has its own sound card)
> I have been using this configuration for years with the digital modes and all is working properly.
>
> What is the significance that the loop test gives only partially the correct words back? Is it critical that all the words need to come back in order for the FEC mode to work properly?
>
> Tks,
> Joel-N3GSE
> Schwartzj22@...
>

1056. Re: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Yahoo group: V4Protocol
Date: 2011-05-30 16:55:57 UTC
From: Phil Williams
Topic: 1032 Message: 1056

I've switched on my vertical. I think I heard you signal just above the
noise floor.

phil

On Mon, May 30, 2011 at 11:45 AM, Matt Zilmer <mzilmer@hotmail.com> wrote:

>
>
> Yes, right on 10131.0 USB. Elecraft K3, 25W.
>
> matt
>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: ka1gmn@...
> Date: Mon, 30 May 2011 11:27:38 -0500
> Subject: Re: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP
> site
>
>
> Matt,
>
> Are you still on 30 meters right now?
>
> philw de ka1gmn
>
>
> On Mon, May 30, 2011 at 11:17 AM, Matt Zilmer <mzilmer@...> wrote:
>
>
> Hi Rick,
>
> I have 0.2.1.1 installed here now. Was running a pre-0.2.10 downrev.
>
> Operability seems much improved, esp for calling CQ in ARQ mode. No
> contacts yet, but we'll see - maybe someone will show up.
>
> 73,
> matt W6NIA
> Listening 10131.0 USB. * [Call W6NIA]*
>
>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: rmuething@cfl.rr.com

> Date: Mon, 30 May 2011 11:42:56 +0000
> Subject: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site
>
>
>
> All,
>
> This is an important update with significant changes on how to call "CQ" or
> call a specific call sign in ARQ mode. There may be some incompatibilities
> with version 0.2.0.0. Download (from the V4Protocol reflector) the file
> V4Chat Setup (0.2.1.0). Unzip and save the files in a temp directory. Read
> the ReadMeFirst file. Uninstall your existing V4Chat if already installed
> (your setting will NOT be lost). Install the new version with the msi file
> in the zip.
>
> After starting V4Chat be sure and read the help especially the section on
> Typical ARQ operation ...several changes there.
>
> I think this is much simpler and more straightforward in terms of operating
> practice. Let me know your feedback.
>
> 73, and be sure to remember our Veterans this day!
>
> Rick Muething, KN6KB
>
>
>
>
>
>
>
> --
> Philw de KA1GMN
>
>
>

--
Philw de KA1GMN

1057. Re: Loop test gives only some correct words back

Yahoo group: V4Protocol
Date: 2011-05-30 17:15:40 UTC
From: schwartzj22
Topic: 1049 Message: 1057

Hi Bernie-tks for response,
I too have all the latest patches for XP, .NET, etc.
Restarting for me does not help.
Have you made contacts even though loop test response is not 100%?
Tks,
Joel-N3GSE

--- In V4Protocol@yahoogroups.com, "ham" <ve3fwf@...> wrote:
>
>
>
> I've experienced the same problem with version 0.2.0.0 -- restarting the program seems to fix the problem. I believe this is a software issue of some sort.
>
> I am running Windows XP and .NET with all the latest patches. The radio is an ICOM 746Pro. I am keying the radio with PTT only via a home brew opto-isolated interace.
>
> Bernie
>
>
> --- In V4Protocol@yahoogroups.com, "schwartzj22" <schwartzj22@> wrote:
> >
> > To all,
> >
> > I have been using V4Chat (version 0.2.0.0) now for about 3 days. I think it is all working properly but I have yet to make a contact. I do have a question just to see if it is all working properly.
> >
> > Test results:
> > 1) Two tone test works and I used it to adjust the drive output.
> > 2) feed-back loop test gives only partially the correct words back and sometimes yields no words back.
> > 3) I have correctly copied some stations but did not connect with them in FEC mode.
> >
> > My station is as follows:
> > Windows XP, Icom 746Pro, Interface is the US Interface Navigator (has its own sound card)
> > I have been using this configuration for years with the digital modes and all is working properly.
> >
> > What is the significance that the loop test gives only partially the correct words back? Is it critical that all the words need to come back in order for the FEC mode to work properly?
> >
> > Tks,

> > Joel-N3GSE
> > Schwartzj22@
> >
>

1058. RE: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Yahoo group: V4Protocol
Date: 2011-05-30 17:17:50 UTC
From: Matt Zilmer
Topic: 1032 Message: 1058

Just put out an ARQ CQ a moment ago. No takers.

Band condx aren't exactly the best today....

matt

To: V4Protocol@yahoogroups.com
From: ka1gmn@gmail.com
Date: Mon, 30 May 2011 11:55:57 -0500
Subject: Re: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

I've switched on my vertical. I think I heard you signal just above the noise floor.
phil

On Mon, May 30, 2011 at 11:45 AM, Matt Zilmer <mzilmer@...> wrote:

Yes, right on 10131.0 USB. Elecraft K3, 25W.

matt

To: V4Protocol@yahoogroups.com
From: ka1gmn@...

Date: Mon, 30 May 2011 11:27:38 -0500
Subject: Re: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Matt,

Are you still on 30 meters right now?
philw de ka1gmn

On Mon, May 30, 2011 at 11:17 AM, Matt Zilmer <mzilmer@...> wrote:

Hi Rick,

I have 0.2.1.1 installed here now. Was running a pre-0.2.10 downrev.

Operability seems much improved, esp for calling CQ in ARQ mode. No contacts yet, but we'll see - maybe someone will show up.

73,
matt W6NIA
Listening 10131.0 USB. [Call W6NIA]

To: V4Protocol@yahoogroups.com
From: rmuething@...

Date: Mon, 30 May 2011 11:42:56 +0000
Subject: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

All,

This is an important update with significant changes on how to call "CQ" or call a specific call sign in ARQ mode. There may be some incompatibilities with version 0.2.0.0. Download (from the V4Protocol reflector) the file V4Chat Setup (0.2.1.0). Unzip and save the files in a temp directory. Read the ReadMeFirst file. Uninstall your existing V4Chat if already installed (your setting will NOT be lost). Install the new version with the msi file in the zip.

After starting V4Chat be sure and read the help especially the section on Typical ARQ operation ...several changes there.

I think this is much simpler and more straightforward in terms of operating practice. Let me know your feedback.

73, and be sure to remember our Veterans this day!

Rick Muething, KN6KB

--
Philw de KA1GMN

--
Philw de KA1GMN

1059. RE: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Yahoo group: V4Protocol
Date: 2011-05-30 17:30:44 UTC
From: Matt Zilmer
Topic: 1032 Message: 1059

Looks like time to give up for the present. Let the bands wake up a bit more and try again this afternoon.

Saw connection requests from KA1GMN and VE7CRT on 10131.0 but wasn't at the keyboard the whole time. Sigs were good enough for decode here in SoCAL!

73,
matt

To: v4protocol@...m
From: mzilmer@...
Date: Mon, 30 May 2011 11:17:50 -0600
Subject: RE: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Just put out an ARQ CQ a moment ago. No takers.

Band condx aren't exactly the best today....

matt

To: V4Protocol@yahoogroups.com
From: ka1gmn@...
Date: Mon, 30 May 2011 11:55:57 -0500
Subject: Re: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

I've switched on my vertical. I think I heard you signal just above the noise floor.

phil

On Mon, May 30, 2011 at 11:45 AM, Matt Zilmer <mzilmer@hotmail.com> wrote:

Yes, right on 10131.0 USB. Elecraft K3, 25W.

matt

To: V4Protocol@yahoogroups.com
From: ka1gmn@...

Date: Mon, 30 May 2011 11:27:38 -0500
Subject: Re: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

Matt,

Are you still on 30 meters right now?
philw de ka1gmn

On Mon, May 30, 2011 at 11:17 AM, Matt Zilmer <mzilmer@...> wrote:

Hi Rick,

I have 0.2.1.1 installed here now. Was running a pre-0.2.10 downrev.

Operability seems much improved, esp for calling CQ in ARQ mode. No contacts yet, but we'll see - maybe someone will show up.

73,
matt W6NIA
Listening 10131.0 USB. [Call W6NIA]

To: V4Protocol@yahoogroups.com
From: rmuething@...

Date: Mon, 30 May 2011 11:42:56 +0000
Subject: [V4Protocol] Latest Update of V4 Chat (0.2.1.0) on Yahoo FTP site

All,

This is an important update with significant changes on how to call "CQ" or call a specific call sign in ARQ mode. There may be some incompatibilities with version 0.2.0.0. Download (from the V4Protocol reflector) the file V4Chat Setup (0.2.1.0). Unzip and save the files in a temp directory. Read the ReadMeFirst file. Uninstall your existing V4Chat if already installed (your setting will NOT be lost). Install the new version with the msi file in the zip.

After starting V4Chat be sure and read the help especially the section on Typical ARQ operation ...several changes there.

I think this is much simpler and more straightforward in terms of operating practice. Let me know your feedback.

73, and be sure to remember our Veterans this day!

Rick Muething, KN6KB

--
Philw de KA1GMN

--
Philw de KA1GMN

1060. Re: [V4Protocol] Re: Loop test gives only some correct words back

Yahoo group: V4Protocol
Date: 2011-05-30 17:33:23 UTC
From: Rick Muething
Topic: 1049 Message: 1060

The loopback test requires that you connect audio out of the sound card directly to audio in (see help) and set the appropriate drive levels. It has nothing to do with the radio or PTT keying although it might work with some radios with a monitor feature (allowing you to monitor what you are sending). Normally if you have the levels set approximately right (in the green) you'll get very near 100% FEC copy.

Rick KN6KB

From: schwartzj22
Sent: Monday, May 30, 2011 1:15 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Loop test gives only some correct words back

Hi Bernie-tks for response,
I too have all the latest patches for XP, .NET, etc.
Restarting for me does not help.
Have you made contacts even though loop test response is not 100%?
Tks,
Joel-N3GSE

--- In mailto:V4Protocol%40yahoogroups.com, "ham" <ve3fwf@...> wrote:
>
>
>
> I've experienced the same problem with version 0.2.0.0 -- restarting the program seems to fix the problem. I believe this is a software issue of some sort.
>
> I am running Windows XP and .NET with all the latest patches. The radio is an ICOM 746Pro. I am keying the radio with PTT only via a home brew opto-isolated interace.
>
> Bernie
>
>
> --- In mailto:V4Protocol%40yahoogroups.com, "schwartzj22" <schwartzj22@> wrote:
> >
> > To all,
> >
> > I have been using V4Chat (version 0.2.0.0) now for about 3 days. I think it is all working properly but I have yet to make a contact. I do have a question just to see if it is all working properly.
> >
> > Test results:
> > 1) Two tone test works and I used it to adjust the drive output.
> > 2) feed-back loop test gives only partially the correct words back and sometimes yields no words back.
> > 3) I have correctly copied some stations but did not connect with them in FEC mode.

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> > My station is as follows:
> > Windows XP, Icom 746Pro, Interface is the US Interface Navigator (has its own sound card)
> > I have been using this configuration for years with the digital modes and all is working properly.
> >
> > What is the significance that the loop test gives only partially the correct words back? Is it critical that all the words need to come back in order for the FEC mode to work properly?
> >
> > Tks,
> > Joel-N3GSE
> > Schwartzj22@
> >
>

1061. CQ on 14.073 in V4 ARQ mode

Yahoo group: V4Protocol
Date: 2011-05-30 17:35:37 UTC
From: Steinar Aanesland
Topic: 568 Message: 1061

Calling CQ 14.073 USB now (17:30UTC)

la5vna Steinar

1062. Re: Loop test gives only some correct words back

Yahoo group: V4Protocol
Date: 2011-05-30 17:50:57 UTC
From: schwartzj22
Topic: 1049 Message: 1062

Rick,
The good news now is that I just had my first contact. All was perfect.
Since I do get some of the words correct it must mean that connect audio out of the sound card is connected directly to audio in or else I would get no words correctly, correct?
For the drive level, I used the minimum level in the two tone test to just get a perfectly stabile power out (approximaley 50-60 watts with my 100 watt rig) reading on my watt meter.

I guess even though the loop test is not 100%, I am able to have a qso with no problem.

Thanks for your help and thanks for a great new digi mode,
Joel-N3GSE

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> The loopback test requires that you connect audio out of the sound card directly to audio in (see help) and set the appropriate drive levels. It has nothing to do with the radio or PTT keying although it might work with some radios with a monitor feature (allowing you to monitor what you are sending). Normally if you have the levels set approximately right (in the green) youâ☐☐ll get very near 100% FEC copy.
>
> Rick KN6KB
>
> From: schwartzj22
> Sent: Monday, May 30, 2011 1:15 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Loop test gives only some correct words back
>
>
> Hi Bernie-tks for response,
> I too have all the latest patches for XP, .NET, etc.
> Restarting for me does not help.
> Have you made contacts even though loop test response is not 100%?
> Tks,
> Joel-N3GSE
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> --- In mailto:V4Protocol%40yahoogroups.com, "ham" <ve3fwf@> wrote:
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> >
> > I am running Windows XP and .NET with all the latest patches. The radio is an ICOM 746Pro. I am keying the radio with PTT only via a home brew opto-isolated interace.
> >
> > Bernie

> >
> >
> > --- In mailto:V4Protocol%40yahoogroups.com, "schwartzj22" <schwartzj22@> wrote:
> > >
> > > To all,
> > >
> > > I have been using V4Chat (version 0.2.0.0) now for about 3 days. I think it is all working properly but I have yet to make a contact. I do have a question just to see if it is all working properly.
> > >
> > > Test results:
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> > > My station is as follows:
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> > >
> > > What is the significance that the loop test gives only partially the correct words back? Is it critical that all the words need to come back in order for the FEC mode to work properly?
> > >
> > > Tks,
> > > Joel-N3GSE
> > > Schwartzj22@
> > >
> >
>

1063. Re: [V4Protocol] Re: Loop test gives only some correct words back

Yahoo group: V4Protocol
Date: 2011-05-30 18:04:17 UTC
From: Rick Muething
Topic: 1049 Message: 1063

Joe,

The loop back has to do with signals. You are sending audio from the sound card output...you are receiving DIFFERENT audio on the sound card input. On FEC you can do this full duplex (not on ARQ). BUT you have to actually connect the two signals together...they normally are not connected. You may be able to make some copy copy (which sounds like what you have) it if you have some leakage (through the sound card interfaced or ???) but you probably won't get 100% copy. Basically the loopback test is a simple mechanism to test that your sound cards are working correctly. the normal sound card interfaced does NOT loop back the transmit audio to the receive audio. There isn't much we do as hams that is really full duplex. It is there just because it was easy to do because the sound card playback and capture are really two independent functions and can be run simultaneously.

Rick KN6KB

From: schwartzj22
Sent: Monday, May 30, 2011 1:50 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Loop test gives only some correct words back

Rick,
The good news now is that I just had my first contact. All was perfect.
Since I do get some of the words correct it must mean that connect audio out of the sound card is connected directly to audio in or else I would get no words correctly, correct?
For the drive level, I used the minimum level in the two tone test to just get a perfectly stabile power out (approximaley 50-60 watts with my 100 watt rig) reading on my watt meter.

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Thanks for your help and thanks for a great new digi mode,
Joel-N3GSE

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>
> Rick KN6KB
>
> From: schwartzj22
> Sent: Monday, May 30, 2011 1:15 PM
> To: mailto:V4Protocol%40yahoogroups.com
> Subject: [V4Protocol] Re: Loop test gives only some correct words back
>

>
> Hi Bernie-tks for response,
> I too have all the latest patches for XP, .NET, etc.
> Restarting for me does not help.
> Have you made contacts even though loop test response is not 100%?
> Tks,
> Joel-N3GSE
>
> --- In mailto:V4Protocol%40yahoogroups.com, "ham" <ve3fwf@> wrote:
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> >
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> > I am running Windows XP and .NET with all the latest patches. The radio is an ICOM 746Pro. I am keying the radio with PTT only via a home brew opto-isolated interace.
> >
> > Bernie
> >
> >
> > --- In mailto:V4Protocol%40yahoogroups.com, "schwartzj22" <schwartzj22@> wrote:
> > >
> > > To all,
> > >
> > > I have been using V4Chat (version 0.2.0.0) now for about 3 days. I think it is all working properly but I have yet to make a contact. I do have a question just to see if it is all working properly.
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> > > My station is as follows:
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> > >
> > > What is the significance that the loop test gives only partially the correct words back? Is it critical that all the words need to come back in order for the FEC mode to work properly?
> > >
> > > Tks,
> > > Joel-N3GSE
> > > Schwartzj22@
> > >
> >
>

1064. Re: Auto-update? - RE: [V4Protocol] New Version 0.2.1.1

Yahoo group: V4Protocol
Date: 2011-05-30 18:15:11 UTC
From: Ted Trostle
Topic: 1035 Message: 1064

The use of the control panel>>>remove programs is where I get the error

On Mon, May 30, 2011 at 12:59 PM, Matt Zilmer <mzilmer@...> wrote:

>
>
> Control Panel -> Add/Remove Programs, look for V4Chat, remove it.
>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: ttrostle35@...
> Date: Mon, 30 May 2011 12:10:59 -0400
> Subject: Re: Auto-update? - RE: [V4Protocol] New Version 0.2.1.1
>
>
> I seem unable to uninstall V4...I get an error message stating that an
> install error occurred, code 2230. When I check using windows explorer,
> there is no V4 folder in the Program Folder. If I run the V4 setup.msi it
> says an earlier version is installed...Hmmmm what can I do manually to get
> it out of hiding??
>
>
>
> On Mon, May 30, 2011 at 11:19 AM, Rick Muething <rmuething@....com>wrote:
>
>
>
> It currently does not enable auto update....In the beginning where there
> are lots of changes that is not very practical as new full installs are
> best. Once things settle down with less often releases I will enable the
> auto update.
>
> Rick KN6KB
>
>
> *From:* Daniel V. Wolff, Jr. <wolff.neidenbach@...>
> *Sent:* Monday, May 30, 2011 10:30 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Auto-update? - RE: [V4Protocol] New Version 0.2.1.1
>
>
>
> Will the V4-Chat program auto-update or do I need to uninstall the previous
> version and install the new one? If it doesn’t auto-update, will you be
> including this feature in future version? I very much prefer the

> auto-update method.
>
> 73,
>
> Mr. Daniel V. Wolff, Jr.
> Regional Director (Region 11)
> US Army Military Auxiliary Radio System (MARS)
> MARS Callsigns: AEM1WF, AEA1RD
>
> Neidenbach, Germany
>
> Cell Ph: 0175-5282918 (or +49-175-5282918)
>
> aem1wf@...
>
> daniel.v.wolff@...
>
> http://www.qsl.net/aem1wf
>
> HQ MARS: http://www.netcom.army.mil/mars
>
>
> Classification: UNCLASSIFIED
> Caveats: NONE
>
> ------------------------------
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *kn6kb
> *Sent:* Monday, May 30, 2011 4:10 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] New Version 0.2.1.1
>
>
> OK this version fixed that bug in 0.2.1.0. It should work fairly well
> except for a tricky known bug in a timeout abort when CWID is NOT
> checked...So you can avoid this by simply leaving CWID checked (default) in
> the setup.
>
> There are probalby still issues with this. If you have a problem PLEASE
> document it well (debug logs etc) and send the logs with a description of
> the problem directly to me (not through the reflector) at
> rmuethingATcfl.rr.com and I will take a look.
>
> Be sure and read the help to find out how to send CQ and how to call a
> specific station!
>
> 73,
>
> Good testing.

>
> Rick Muething, KN6KB
>
>
>
>
>
>
> --
> You cannot change history, but you can make history !
> Education is the only legal cure for stupidity.
>
>
>
>

--
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Education is the only legal cure for stupidity.

1065. Re: Loop test gives only some correct words back

Yahoo group: V4Protocol
Date: 2011-05-30 18:24:43 UTC
From: schwartzj22
Topic: 1049 Message: 1065

Rick-OK, I think I got it.
Given my station configuration, is there an easy way to connect the two signals together?
One point here is that this loop test reads as if it should work if a station is operating normally with the other digi modes. So this is not so. Others probably get stuck on this issue also.
Tks,
Joel-N3GSE

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Joe,
>
> The loop back has to do with signals. You are sending audio from the sound card output...you are receiving DIFFERENT audio on the sound card input. On FEC you can do this full duplex (not on ARQ). BUT you have to actually connect the two signals together...they normally are not connected. You may be able to make some copy copy (which sounds like what you have) it if you have some leakage (through the sound card interfaced or ???) but you probably wonâ☐☐t get 100% copy. Basically the loopback test is a simple mechanism to test that your sound cards are working correctly. the normal sound card interfaced does NOT loop back the transmit audio to the receive audio. There isnâ☐☐t much we do as hams that is really full duplex. It is there just because it was easy to do because the sound card playback and capture are really two independent functions and can be run simultaneously.
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> Rick KN6KB
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>
> From: schwartzj22
> Sent: Monday, May 30, 2011 1:50 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Loop test gives only some correct words back
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> Rick,
> The good news now is that I just had my first contact. All was perfect.
> Since I do get some of the words correct it must mean that connect audio out of the sound card is connected directly to audio in or else I would get no words correctly, correct?
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> >
> > Rick KN6KB
> >
> > From: schwartzj22
> > Sent: Monday, May 30, 2011 1:15 PM
> > To: mailto:V4Protocol%40yahoogroups.com
> > Subject: [V4Protocol] Re: Loop test gives only some correct words back
> >
> >
> > Hi Bernie-tks for response,
> > I too have all the latest patches for XP, .NET, etc.
> > Restarting for me does not help.
> > Have you made contacts even though loop test response is not 100%?
> > Tks,
> > Joel-N3GSE
> >
> > --- In mailto:V4Protocol%40yahoogroups.com, "ham" <ve3fwf@> wrote:
> > >
> > >
> > >
> > > I've experienced the same problem with version 0.2.0.0 -- restarting the program seems to fix the problem. I believe this is a software issue of some sort.
> > >
> > > I am running Windows XP and .NET with all the latest patches. The radio is an ICOM 746Pro. I am keying the radio with PTT only via a home brew opto-isolated interace.
> > >
> > > Bernie
> > >
> > >
> > > --- In mailto:V4Protocol%40yahoogroups.com, "schwartzj22" <schwartzj22@> wrote:
> > > >
> > > > To all,
> > > >
> > > > I have been using V4Chat (version 0.2.0.0) now for about 3 days. I think it is all working properly but I have yet to make a contact. I do have a question just to see if it is all working properly.
> > > >
> > > > Test results:
> > > > 1) Two tone test works and I used it to adjust the drive output.
> > > > 2) feed-back loop test gives only partially the correct words back and sometimes yields no words back.
> > > > 3) I have correctly copied some stations but did not connect with them in FEC mode.
> > > >
> > > > My station is as follows:
> > > > Windows XP, Icom 746Pro, Interface is the US Interface Navigator (has its own sound card)
> > > > I have been using this configuration for years with the digital modes and all is working properly.
> > > >

> > > > What is the significance that the loop test gives only partially the correct words back? Is it critical that all the words need to come back in order for the FEC mode to work properly?
> > > >
> > > > Tks,
> > > > Joel-N3GSE
> > > > Schwartzj22@
> > > >
> > >
> >
>

1066. RE: Auto-update? - RE: [V4Protocol] New Version 0.2.1.1

Yahoo group: V4Protocol
Date: 2011-05-30 19:13:37 UTC
From: Matt Zilmer
Topic: 1035 Message: 1066

The last resort is to edit the registry. However, unless you know what you're doing it can be dangerous. There are several freeware registry editors that make the job easier, and of course there is Windows' own RegEdt32.

You can read up on this via web pages. I don't try to give advice about specific installations when it comes to registry editing.

matt

To: V4Protocol@yahoogroups.com
From: ttrostle35@...
Date: Mon, 30 May 2011 14:15:11 -0400
Subject: Re: Auto-update? - RE: [V4Protocol] New Version 0.2.1.1

The use of the control panel>>>remove programs is where I get the error

On Mon, May 30, 2011 at 12:59 PM, Matt Zilmer <mzilmer@...> wrote:

Control Panel -> Add/Remove Programs, look for V4Chat, remove it.

To: V4Protocol@yahoogroups.com
From: ttrostle35@gmail.com

Date: Mon, 30 May 2011 12:10:59 -0400
Subject: Re: Auto-update? - RE: [V4Protocol] New Version 0.2.1.1

I seem unable to uninstall V4...I get an error message stating that an install error occurred, code 2230. When I check using windows explorer, there is no V4 folder in the Program Folder. If I run the V4 setup.msi it says an earlier version is installed...Hmmmm what can I do manually to get it out of hiding??

On Mon, May 30, 2011 at 11:19 AM, Rick Muething <rmuething@...> wrote:

It currently does not enable auto update....In the beginning where there
are lots of changes that is not very practical as new full installs are
best. Once things settle down with less often releases I will enable the
auto update.

Rick KN6KB

From: Daniel V. Wolff, Jr.
Sent: Monday, May 30, 2011 10:30 AM
To: V4Protocol@yahoogroups.com
Subject: Auto-update? - RE: [V4Protocol] New Version
0.2.1.1

Will the V4-Chat
program auto-update or do I need to uninstall the previous version and install

the new one? If it doesn’t auto-update, will you be including this feature in future version? I very much prefer the auto-update method.

73,
Mr. Daniel V. Wolff,
Jr.
Regional Director (Region 11)
US Army Military Auxiliary Radio System
(MARS)
MARS Callsigns: AEM1WF, AEA1RD
Neidenbach,
Germany
Cell Ph: 0175-5282918
(or +49-175-5282918)
aem1wf@...

daniel.v.wolff@...

http://www.qsl.net/aem1wf

HQ MARS: http://www.netcom.army.mil/mars

Classification:
UNCLASSIFIED
Caveats: NONE

From:
V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kn6kb

Sent: Monday, May 30, 2011 4:10
PM
To:
V4Protocol@yahoogroups.com
Subject: [V4Protocol] New Version
0.2.1.1

OK this
version fixed that bug in 0.2.1.0. It should work fairly well except for a tricky known bug in a timeout abort when CWID is NOT checked...So you can avoid this by simply leaving CWID checked (default) in the setup.

There are
probalby still issues with this. If you have a problem PLEASE document it well (debug logs etc) and send the logs with a description of the problem directly to me (not through the reflector) at rmuethingATcfl.rr.com and I will take a look.

Be sure and read the help to find out how to send CQ and how to call a specific station!

73,

Good testing.

Rick
Muething, KN6KB

--
You cannot change history, but you can make history !
Education is the only legal cure for stupidity.

--
You cannot change history, but you can make history !
Education is the only legal cure for stupidity.

1067. FEC works great

Yahoo group: V4Protocol
Date: 2011-05-30 20:48:33 UTC
From: kirkharding@rocketmail.com
Topic: 1067 Message: 1067

I've repeatedly tried to use ARQ but have not been able to transfer text. I've established connectivity with no problem and have good S/N both ways. If it was one instance of this problem happening then I'd say the problem is mine and it may be anyway. But the other connections have indicated the same thing. Not sure what's causing the problem. FEC works perfect and I've run the loop back without fault. My setup is: Flex-5000 using virtural cables for audio transfer. Computer is is homebrewed I7 and OS is Win7. I'm able to run other programs i.e.FLDIGI, MultiPSK (ALE-400 in ARQ). Also have sucessfully run (not recently), Winmor. Any ideas?

Thanks,

Kirk, K6KAR

1068. Re: [V4Protocol] FEC works great

Yahoo group: V4Protocol
Date: 2011-05-31 09:14:59 UTC
From: Tom Brown N4TAB
Topic: 1067 Message: 1068

What version of PowerSDR? Are your buffers,VAC, etc. essentially the same as in the RMS Express help files?

73,

Tom N4TAB

~~~~~~~~~~

On 5/30/2011 4:48 PM, kirkharding@... wrote:

I've repeatedly tried to use ARQ but have not been able to transfer text. I've established connectivity with no problem and have good S/N both ways. If it was one instance of this problem happening then I'd say the problem is mine and it may be anyway. But the other connections have indicated the same thing. Not sure what's causing the problem. FEC works perfect and I've run the loop back without fault. My setup is: Flex-5000 using virtural cables for audio transfer. Computer is is homebrewed I7 and OS is Win7. I'm able to run other programs i.e.FLDIGI, MultiPSK (ALE-400 in ARQ). Also have sucessfully run (not recently), Winmor. Any ideas?

Thanks,

Kirk, K6KAR
~~~~~~~~~~

1069. Re: [V4Protocol] FEC works great

Yahoo group: V4Protocol
Date: 2011-05-30 21:03:57 UTC
From: Rick Muething
Topic: 1067 Message: 1069

Kirk,
Almost certainly the problem is related to the Flex. We have used WINMOR successfully (in ARQ mode) with a flex but it requires careful Flex setup to minimize the latency. The flex can add considerable latency to the audio which adds up to a problem in some ARQ modes. I don’t know the timing of ALE-400 ARQ. The other problem could be any hang or hold of the PTT blocking off the reception of initial leader. If it works on FEC the same exact data mode and modulation is used for ARQ...The only difference is the frame ID code and the ARQ protocol. If you have setup WINMOR on the Flex the same setup should work for V4. The WINMOR help file has the details for the flex setup. If you don’t have a WINMOR setup I can probably send you the help file for WINMOR and that may help you with the setup. The latency that the flex can add can be a problem especially on fast ARQ turn around modes like Pactor 2, 3, or 4.

Rick KN6KB

1070. RE: [V4Protocol] FEC works great

Yahoo group: V4Protocol
Date: 2011-05-30 22:44:04 UTC
From: K6KAR
Topic: 1067 Message: 1070

Rick,

I don’t have the WINMOR setup and would appreciate if you send it to me.

Thanks,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Monday, May 30, 2011 4:04 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] FEC works great

Kirk,

Almost certainly the problem is related to the Flex. We have used WINMOR successfully (in ARQ mode) with a flex but it requires careful Flex setup to minimize the latency. The flex can add considerable latency to the audio which adds up to a problem in some ARQ modes. I don’t know the timing of ALE-400 ARQ. The other problem could be any hang or hold of the PTT blocking off the reception of initial leader. If it works on FEC the same exact data mode and modulation is used for ARQ...The only difference is the frame ID code and the ARQ protocol. If you have setup WINMOR on the Flex the same setup should work for V4. The WINMOR help file has the details for the flex setup. If you don’t have a WINMOR setup I can probably send you the help file for WINMOR and that may help you with the setup. The latency that the flex can add can be a problem especially on fast ARQ turn around modes like Pactor 2, 3, or 4.

Rick KN6KB

1071. Re: [V4Protocol] FEC works great

Yahoo group: V4Protocol
Date: 2011-05-30 23:43:24 UTC
From: Rick Muething
Topic: 1067 Message: 1071

Thanks Tom,

I sent Kirk the RMS Express help file which has your setup inputs. I think those should work for V4 as well.

Rick Muething, KN6KB

1072. Re: [V4Protocol] FEC works great

Yahoo group: V4Protocol
Date: 2011-05-31 12:17:59 UTC
From: Tom Brown N4TAB
Topic: 1067 Message: 1072

I've not had the opportunity to aggessively test the latest iteration, but turnaround time seems OK to me. I'll have more time this week and will wring it out. The current Flex Release Candidate has tightened-up some internal processes and latency is reduced, so V4 and Flex should be OK as a client system. If Kirk needs more info he can reach me : n4tabATearthlink.netIf Kirk needs more info he can reach me : n4tabATearthlink.net

Thank you Rick for all of your passionate and good work. This program has a very big potential for EMCOMM.

73,

Tom N4TAB

~~~~~~~~~~~~~~~~~~

On 5/30/2011 7:43 PM, Rick Muething wrote:

Thanks Tom,

I sent Kirk the RMS Express help file which has your setup inputs. I think those should work for V4 as well.

Rick Muething, KN6KB
~~~~~~~~~~~~~~~~~~

1073. Re: [V4Protocol] FEC works great

Yahoo group: V4Protocol
Date: 2011-05-31 00:53:13 UTC
From: W6IDS
Topic: 1067 Message: 1073

Can you put some detail into the description of being unable to transfer
text?

What were you seeing, doing, etc You may have to pair that info up with the
Debug Log to send to Rick. I think he passed along his message for just
that
purpose, Kirk.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "kirkharding@..." <kirk.harding@...>
To: <V4Protocol@yahoogroups.com>
Sent: Monday, May 30, 2011 4:48 PM
Subject: [V4Protocol] FEC works great

> I've repeatedly tried to use ARQ but have not been able to transfer text.
> I've established connectivity with no problem and have good S/N both ways.
> If it was one instance of this problem happening then I'd say the problem
> is mine and it may be anyway. But the other connections have indicated
> the same thing. Not sure what's causing the problem. FEC works perfect
> and I've run the loop back without fault. My setup is: Flex-5000 using
> virtural cables for audio transfer. Computer is is homebrewed I7 and OS
> is Win7. I'm able to run other programs i.e.FLDIGI, MultiPSK (ALE-400 in
> ARQ). Also have sucessfully run (not recently), Winmor. Any ideas?
>
> Thanks,
>
> Kirk, K6KAR
>

1074. RE: [V4Protocol] FEC works great

Yahoo group: V4Protocol
Date: 2011-05-31 10:29:39 UTC
From: K6KAR
Topic: 1067 Message: 1074

Rick,

I haven't yet received the help files.

73,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Monday, May 30, 2011 6:43 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] FEC works great

Thanks Tom,

I sent Kirk the RMS Express help file which has your setup inputs. I think those should work for V4 as well.

Rick Muething, KN6KB

1075. Loop Back Testing

Yahoo group: V4Protocol
Date: 2011-05-31 14:38:08 UTC
From: KB3FN
Topic: 1075 Message: 1075

Is there a way to run a loop back test while using the SignaLink USB audio device.
Tnx, Lynn - KB3FN

1076. Re: [V4Protocol] Loop Back Testing

Yahoo group: V4Protocol
Date: 2011-05-31 15:56:46 UTC
From: Rick Muething
Topic: 1075 Message: 1076

Lynn,

Simply connect the output of the SignaLink to its input just as you would on any other sound card. Set the levels appropriately. This is described in the help file.

Rick KN6KB

1077. V4arq Vers 0.2.1.1

Yahoo group: V4Protocol
Date: 2011-05-31 19:11:30 UTC
From: Robert Belize
Topic: 1077 Message: 1077

Rick, All

V31AE reporting..

ARQ mode

Station A calls station B (target call)
both station connect

A sends some data successfully to B

A executes "abort"

A and B stop transmitting

B sends "idle out" after a fix/set time, indicator on the TNC says "disconnected"

A indicates on the TNC "connected to B" (no reset to "disconnect")

Robert

1078. Re: Auto-update? - RE: [V4Protocol] New Version 0.2.1.1

Yahoo group: V4Protocol
Date: 2011-05-31 19:03:37 UTC
From: Ted Trostle
Topic: 1035 Message: 1078

I ended up doing a system restore. all seems fine now. Thanks for the ideas.

Ted, WB2LOU

On Mon, May 30, 2011 at 3:13 PM, Matt Zilmer <mzilmer@hotmail.com> wrote:

>
>
> The last resort is to edit the registry. However, unless you know what
> you're doing it can be dangerous. There are several freeware registry
> editors that make the job easier, and of course there is Windows' own
> RegEdt32.
>
> You can read up on this via web pages. I don't try to give advice about
> specific installations when it comes to registry editing.
>
> matt
>
>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: ttrostle35@...
> Date: Mon, 30 May 2011 14:15:11 -0400
>
> Subject: Re: Auto-update? - RE: [V4Protocol] New Version 0.2.1.1
>
>
> The use of the control panel>>>remove programs is where I get the error
>
>
>
> On Mon, May 30, 2011 at 12:59 PM, Matt Zilmer <mzilmer@hotmail.com> wrote:
>
>
> Control Panel -> Add/Remove Programs, look for V4Chat, remove it.
>
>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: ttrostle35@...
> Date: Mon, 30 May 2011 12:10:59 -0400
> Subject: Re: Auto-update? - RE: [V4Protocol] New Version 0.2.1.1
>
>
> I seem unable to uninstall V4...I get an error message stating that an
> install error occurred, code 2230. When I check using windows explorer,

> there is no V4 folder in the Program Folder. If I run the V4 setup.msi it
> says an earlier version is installed...Hmmmm what can I do manually to get
> it out of hiding??
>
>
>
> On Mon, May 30, 2011 at 11:19 AM, Rick Muething <rmuething@...>wrote:
>
>
>
> It currently does not enable auto update....In the beginning where there
> are lots of changes that is not very practical as new full installs are
> best. Once things settle down with less often releases I will enable the
> auto update.
>
> Rick KN6KB
>
>
> *From:* Daniel V. Wolff, Jr. <wolff.neidenbach@...>
> *Sent:* Monday, May 30, 2011 10:30 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Auto-update? - RE: [V4Protocol] New Version 0.2.1.1
>
>
>
> Will the V4-Chat program auto-update or do I need to uninstall the previous
> version and install the new one? If it doesn’t auto-update, will you be
> including this feature in future version? I very much prefer the
> auto-update method.
>
>
> 73,
> Mr. Daniel V. Wolff, Jr.
> Regional Director (Region 11)
> US Army Military Auxiliary Radio System (MARS)
> MARS Callsigns: AEM1WF, AEA1RD
> Neidenbach, Germany
> Cell Ph: 0175-5282918 (or +49-175-5282918)
> aem1wf@...
> daniel.v.wolff@...
> http://www.qsl.net/aem1wf
>
> HQ MARS: http://www.netcom.army.mil/mars
>
> Classification: UNCLASSIFIED
> Caveats: NONE
>
>
> ------------------------------
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On

> Behalf Of *kn6kb
> *Sent:* Monday, May 30, 2011 4:10 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] New Version 0.2.1.1
>
>
> OK this version fixed that bug in 0.2.1.0. It should work fairly well
> except for a tricky known bug in a timeout abort when CWID is NOT
> checked...So you can avoid this by simply leaving CWID checked (default) in
> the setup.
>
> There are probalby still issues with this. If you have a problem PLEASE
> document it well (debug logs etc) and send the logs with a description of
> the problem directly to me (not through the reflector) at
> rmuethingATcfl.rr.com and I will take a look.
>
> Be sure and read the help to find out how to send CQ and how to call a
> specific station!
>
> 73,
>
> Good testing.
>
> Rick Muething, KN6KB
>
>
>
>
>
>
> --
> You cannot change history, but you can make history !
> Education is the only legal cure for stupidity.
>
>
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> --
> You cannot change history, but you can make history !
> Education is the only legal cure for stupidity.
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--
You cannot change history, but you can make history !
Education is the only legal cure for stupidity.

1079. Re: [V4Protocol] V4arq Vers 0.2.1.1

Yahoo group: V4Protocol
Date: 2011-05-31 23:14:39 UTC
From: Ed Woods WD9DVA
Topic: 1077 Message: 1079

Robert keep it easy, send your log to rick. if theres an issue he'll find it. 73 Ed WD9DVA
----- Original Message -----
From: Robert Belize
To: V4Protocol@yahoogroups.com
Sent: Tuesday, May 31, 2011 19:11
Subject: [V4Protocol] V4arq Vers 0.2.1.1

Rick, All

V31AE reporting..

ARQ mode

Station A calls station B (target call)
both station connect

A sends some data successfully to B

A executes "abort"

A and B stop transmitting

B sends "idle out" after a fix/set time, indicator on the TNC says "disconnected"

A indicates on the TNC "connected to B" (no reset to "disconnect")

Robert

1080. Re: V4arq Vers 0.2.1.1

Yahoo group: V4Protocol
Date: 2011-06-01 14:19:16 UTC
From: Robert Belize
Topic: 1077 Message: 1080

Ed, the protocol and the client pgm have to be improved to near perfection..anything you or I or anybody observes should report back to the forum to the benefit of all..My opinion...
Robert V31AE

--- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@...> wrote:
>
> Robert keep it easy, send your log to rick. if theres an issue he'll find it. 73 Ed WD9DVA
> ----- Original Message -----
> From: Robert Belize
> To: V4Protocol@yahoogroups.com
> Sent: Tuesday, May 31, 2011 19:11
> Subject: [V4Protocol] V4arq Vers 0.2.1.1
>
>
>
> Rick, All
>
> V31AE reporting..
>
> ARQ mode
>
> Station A calls station B (target call)
> both station connect
>
> A sends some data successfully to B
>
> A executes "abort"
>
> A and B stop transmitting
>
> B sends "idle out" after a fix/set time, indicator on the TNC says "disconnected"
>
> A indicates on the TNC "connected to B" (no reset to "disconnect")
>
> Robert
>

1081. Re: [V4Protocol] Re: V4arq Vers 0.2.1.1

Yahoo group: V4Protocol
Date: 2011-06-01 15:10:00 UTC
From: Phil Williams
Topic: 1077 Message: 1081

Well said.

Philw de KA1GMN

On Jun 1, 2011 9:19 AM, "Robert Belize" <robertbelize@...> wrote:

Ed, the protocol and the client pgm have to be improved to near
perfection..anything you or I or anybody observes should report back to the
forum to the benefit of all..My opinion...
Robert V31AE

--- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@...> wrote:
>
> Robert keep it easy, ...

1082. Help Files

Yahoo group: V4Protocol
Date: 2011-06-01 20:56:55 UTC
From: tongyham25
Topic: 852 Message: 1082

I can't open the HELP Files. Running XP. IE. 8

Thanks,
George

1083. Re: [V4Protocol] Help Files

Yahoo group: V4Protocol
Date: 2011-06-01 21:57:26 UTC
From: Rick Muething
Topic: 852 Message: 1083

You have them blocked in your computer. Use Explorer (not internet explorer) or my computer and browse to the help file. Right click and change the permissions to allow opening.

Rick KN6KB
From: tongyham25
Sent: Wednesday, June 01, 2011 4:56 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Help Files

I can't open the HELP Files. Running XP. IE. 8

Thanks,
George

1084. RE: [V4Protocol] FEC works great

Yahoo group: V4Protocol
Date: 2011-06-01 23:33:18 UTC
From: K6KAR
Topic: 1067 Message: 1084

Rick,

I changed the settings within Power SDR software to those shown in the WINMOR setup files. Actually those setting aren't much different than what I already had. Also made some minor changes in the VAC settings. Today was the first time I've had the opportunity to run a test. Made a contact with Bob, W0FYI and I was able to send data (ARQ) which he saw. However, he told me that although he had data in the buffer to send, it never did send. It also seemed to me that it took a long time for the my data transmission to trigger transmit. At this point I'm not sure what needs to change. I did reinstall WINMOR and sent myself a test email message through a node. It worked fine. Very perplexing.

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Monday, May 30, 2011 4:04 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] FEC works great

Kirk,

Almost certainly the problem is related to the Flex. We have used WINMOR successfully (in ARQ mode) with a flex but it requires careful Flex setup to minimize the latency. The flex can add considerable latency to the audio which adds up to a problem in some ARQ modes. I don't know the timing of ALE-400 ARQ. The other problem could be any hang or hold of the PTT blocking off the reception of initial leader. If it works on FEC the same exact data mode and modulation is used for ARQ...The only difference is the frame ID code and the ARQ protocol. If you have setup WINMOR on the Flex the same setup should work for V4. The WINMOR help file has the details for the flex setup. If you don't have a WINMOR setup I can probably send you the help file for WINMOR and that may help you with the setup. The latency that the flex can add can be a problem especially on fast ARQ turn around modes like Pactor 2, 3, or 4.

Rick KN6KB

1085. Transmit

Yahoo group: V4Protocol
Date: 2011-06-02 00:19:20 UTC
From: jgmags2000
Topic: 1085 Message: 1085

Hello. I'm trying to operate ARQ but I cannot see my transmit signal on the waterfall. Radio is keyed ok. Tnc shows ok on port 8510. Any help please.

73, de John KJ1J

1086. Re: Transmit

Yahoo group: V4Protocol
Date: 2011-06-02 00:34:47 UTC
From: ham
Topic: 1085 Message: 1086

You won't see your xmit signal on the waterfall. You should see the XMIT frame window flash.

73, Bernie

--- In V4Protocol@yahoogroups.com, "jgmags2000" <jgmags2000@...> wrote:
>
> Hello. I'm trying to operate ARQ but I cannot see my transmit signal on the waterfall. Radio is keyed ok. Tnc shows ok on port 8510. Any help please.
>
> 73, de John KJ1J
>

1087. Re: [V4Protocol] Re: Transmit

Yahoo group: V4Protocol
Date: 2011-06-02 01:05:11 UTC
From: JGMAGS
Topic: 1085 Message: 1087

thanks, 73 John

"Many a good argument is ruined by some fool that knows what he is talking about"
... Marshall McLuhan...

_____
From: ham <ve3fwf@...>
To: V4Protocol@...m
Sent: Wednesday, June 1, 2011 8:34 PM
Subject: [V4Protocol] Re: Transmit

You won't see your xmit signal on the waterfall. You should see the XMIT frame window flash.

73, Bernie

--- In V4Protocol@yahoogroups.com, "jgmags2000" <jgmags2000@...> wrote:
>
> Hello. I'm trying to operate ARQ but I cannot see my transmit signal on the waterfall. Radio is keyed ok. Tnc shows ok on port 8510. Any help please.
>
> 73, de John KJ1J
>

1088. QRV 14073 kHz now

Yahoo group: V4Protocol
Date: 2011-06-02 06:14:01 UTC
From: Juhani
Topic: 1088 Message: 1088

```
New SW version loaded.
72 "Yussi" OH7TE
```

1089. The 30m Band Utilization Chart -- 2 June 2011

Yahoo group: V4Protocol
Date: 2011-06-02 08:21:23 UTC
From: Ian Wade G3NRW
Topic: 1089 Message: 1089

Just in time for the 30m Multi Mode weekend -- 4/5 June 2011.

A few weeks ago Don Hobson, KB9UMT, founder of the 30m Digital Group, published the updated "unofficial 30m bandplan" on the 30MDG reflector. I responded, saying that the listing was a little misleading, because some frequencies were dial frequencies, others were emitted frequencies, and it wasn't clear which was which.

Don challenged me to do better. At first I tried to improve the listing format, to draw the distinction between dial and emitted frequencies, but quickly realized this was not an easy task! I finally capitulated and decided on a graphical format instead:

http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

I have called it a "Band Utilization" chart. It is exactly that. It is not a "bandplan", nor even an "unofficial bandplan". Rather, it is an attempt to graphically portray the many modes that are actually in use on 30m today. On the chart there is a clear distinction between dial frequencies and emitted frequencies, helping you to accurately set the correct frequency and to identify signals as they appear on the waterfall.

Prior to posting the chart on my website, I sent a couple of draft versions to a number of the world's "movers and shakers" in digital communication and HF. Several of them responded with very helpful comments, suggestions and corrections, for which I am very grateful.

It's been an "interesting" exercise to fit everything in, but I hope you will find the finished chart useful. I think you will be intrigued to see just how much is squeezed into the band, especially above 10.140. In particular, the graphical approach highlights several overlaps between modes, which (to me at least) weren't at all obvious from the tabular frequency listing. I was also unaware of just how many Winlink RMS stations are active: no less than 48 stations on 32 frequencies, mostly above 10.140.

The chart is a living document. If you see any errors or omissions, or want to suggest improvements, please email me at g3nrw@...

Enjoy the Multi Mode weekend!

--
73
Ian, G3NRW

1090. V4 ARQ QSO OH <->LZ

Yahoo group: V4Protocol
Date: 2011-06-02 09:56:30 UTC
From: Juhani
Topic: 1090 Message: 1090

On of first ARQ QSO today on 14073. Now file transfer OH7TE -> OH7JJT on 7040.
73 Yussi OH7TE

1091. Re: [V4Protocol] V4 ARQ QSO OH <->LZ

Yahoo group: V4Protocol
Date: 2011-06-02 10:56:21 UTC
From: Valcho Mantsarov
Topic: 1090 Message: 1091

I am very glad for this qso. Thank you Yussi! I dont know to much for v4protocol and learned about it from hamspots.net. is there other sked page? 73!!!

>-------- Оригинално писмо --------
>От: "Juhani"
>Относно: [V4Protocol] V4 ARQ QSO OH LZ
>До: V4Protocol@yahoogroups.com
>Изпратено на: Четвъртък, 2011, Юни 2 12:56:30 EEST

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> On of first ARQ QSO today on 14073. Now file transfer OH7TE -> OH7JJT on 7040.
>73 Yussi OH7TE
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Една чанта никога не е достатъчна! Влез в клуба!
http://clk.tradedoubler.com/click?p=191500&a=1875689&g=19425934

1092. Re: [V4Protocol] Re: Transmit

Yahoo group: V4Protocol
Date: 2011-06-02 10:59:52 UTC
From: Rick Muething
Topic: 1085 Message: 1092

The only time the transmit signal can be seen on the waterfall is during the FEC loopback test. That special test runs both the playback and capture devices at the same time since FEC Full duplex is selected. ARQ mode only operates half duplex.

Rick KN6KB
]

From: JGMAGS
Sent: Wednesday, June 01, 2011 9:05 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Transmit

thanks, 73 John

"Many a good argument is ruined by some fool that knows what he is talking about"
... Marshall McLuhan...

From: ham <ve3fwf@...>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, June 1, 2011 8:34 PM
Subject: [V4Protocol] Re: Transmit

You won't see your xmit signal on the waterfall. You should see the XMIT frame window flash.

73, Bernie

--- In mailto:V4Protocol%40yahoogroups.com, "jgmags2000" <jgmags2000@...> wrote:
>
> Hello. I'm trying to operate ARQ but I cannot see my transmit signal on the waterfall. Radio is keyed ok. Tnc shows ok on port 8510. Any help please.
>
> 73, de John KJ1J
>

1093. Re: [V4Protocol] FEC works great

Yahoo group: V4Protocol
Date: 2011-06-02 11:08:31 UTC
From: Rick Muething
Topic: 1067 Message: 1093

Kirk,

It sounds like may not understand the operation of the ARQ and when and how data is transferred. Read the help on ARQ operation. You can only send when you are the ISS but you can still queue outbound data while you are the IRS.

While we are still debugging the software in early beta testing casual descriptions don't help much....In software the devil is in the details.
If you see something strange here is the way to help improve the problem:
1) Be sure you have debug logging enabled ...without that there is little data captured for debugging.
2) Describe the problem in words. Note the approximate time (UTC) the problem was observed. I don't have the time to wade through hundreds of K of debug logs.
3) Describe your setup (Radio, Sound card/interface, OS, CPU Type, RAM, Keying Setup)
4) Send me the file V4 TNC Debug <date>.log as an attachment. Send directly to rmuethingATcfl.rr.com not posted through the reflector.

With the above I can do something. With generalized comments it is very difficult.

73,

Rick KN6KB

1094. Re: [V4Protocol] The 30m Band Utilization Chart -- 2 June 2011

Yahoo group: V4Protocol
Date: 2011-06-02 14:04:42 UTC
From: David Bastress
Topic: 1089 Message: 1094
Attachments: 4 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1095. Re: [V4Protocol] The 30m Band Utilization Chart -- 2 June 2011

Yahoo group: V4Protocol
Date: 2011-06-02 14:11:02 UTC
From: Ian Wade G3NRW
Topic: 1089 Message: 1095

From: David Bastress <bastress@...>
Date: Thu, 2 Jun 2011 Time: 10:04:42

>Ian,
>
>Very nice. Thanks for making the effort. It does illustrate how much
>overlapping of modes there is on the ham bands. Now, how about making
>one for each of the other ham bands. How many life times do you have?
>:-0

Thanks for your comments Dave. You are the third person already to ask
if I can do the same for other bands...but I think I would need a
bodyguard if I attempted to do that!

>
>As far as I know, ROS is illegal in the U.S. The FCC has defined it as a
>'spread spectrum' mode and not legal for amateurs to use on HF.
>Dave K3GAU
>

That's my understanding also, and that's why I showed the allocation
with a question mark.

--
73
Ian, G3NRW

1096. Re: [V4Protocol] The 30m Band Utilization Chart -- 2 June 2011

Yahoo group: V4Protocol
Date: 2011-06-02 14:28:52 UTC
From: David Bastress
Topic: 1089 Message: 1096
Attachments: 4 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1097. It's crashing

Yahoo group: V4Protocol
Date: 2011-06-02 15:58:55 UTC
From: airratt
Topic: 1097 Message: 1097

I recently installed the latest version of V4Chat and it will crash after a while. The waterfall window closes out. Everything configures fine. It passes all the tests but after a short while the waterfall window disappears. I haven't made any contacts because it doesn't stay working long enough for me to try anyone. Is there something I may have configured wrong?

73
Eddy
N4ABN

1098. Re: The 30m Band Utilization Chart -- 2 June 2011

Yahoo group: V4Protocol
Date: 2011-06-02 16:17:50 UTC
From: Russ Tower
Topic: 1089 Message: 1098

Russ Tower
russtower@...
2011-06-02
12:14:11

Thanks Ian! This is very helpful . Well done.
73/Russ - K1DOW -Arcadia FL - EL97BE

1099. ARQ works great

Yahoo group: V4Protocol
Date: 2011-06-02 16:18:25 UTC
From: Harry Gilling
Topic: 1099 Message: 1099

Called the first station I saw calling CQ. Made immediate contact and had a good QSO. Everything worked as described in the Help File

73 Harry W9IB

1100. Re: [V4Protocol] ARQ works great

Yahoo group: V4Protocol
Date: 2011-06-02 18:18:15 UTC
From: Rick Muething
Topic: 1099 Message: 1100

Thanks Harry,

I’m working on some improvement to sensitivity, ease of use and robustness. Its making progress but like fine wine needs time!

Rick KN6KB

1101. V4 Chat

Yahoo group: V4Protocol
Date: 2011-06-03 01:08:31 UTC
From: jgmags2000
Topic: 1101 Message: 1101

```
Hello, I'm QRV on 7.073 9:10 pm edt from NH
73, de KJ1J
```

1102. signals

Yahoo group: V4Protocol
Date: 2011-06-03 20:28:09 UTC
From: Harry Lukefahr
Topic: 1102 Message: 1102

I have not seen a V4 signal on the waterfall yet.
what freq is most stations using please
thanks

1103. Re: [V4Protocol] signals

Yahoo group: V4Protocol
Date: 2011-06-03 20:44:49 UTC
From: Fred G -w1wyc
Topic: 1102 Message: 1103

Harry,

Try 14073.000 dial. If you wait long enuf someone will appear
or call CQ.

Fred, W1WYC

----- Original Message -----
From: Harry Lukefahr
To: V4Protocol@yahoogroups.com
Sent: Friday, June 03, 2011 4:28 PM
Subject: [V4Protocol] signals

I have not seen a V4 signal on the waterfall yet.
what freq is most stations using please
thanks

1104. Re: The 30m Band Utilization Chart -- 2 June 2011

Yahoo group: V4Protocol
Date: 2011-06-03 21:57:20 UTC
From: la7um
Topic: 1089 Message: 1104

Ian, this reality of crowdness is part of what I love about the 200hz V4 concept. AND why I whish RMS Express ability,like Airmail limiting
a session to 500hz.

I have learned it is some protocoll difficulties in WINMNOR, but on Pactor 1,2<=>3 it is already in the SCS protocol, so that might be an easier task.

My thought is that when not REAL emcomm, then it is more polite for a ham staying within 500hz only.

It is not good behaviour using more BW than necessary for the task, especially whithin IARU recommended narrow segments, but could be used wide during a REAL emcomm event.

As it also is not good behaviour blocking a small wide band segment with a slow 500hz mode.

Apart from that there is a LAW issue on 30m in some countries as well.
Norway is one (max 1000hz on 30m), and I belive that Canada has limitations as well, maybe others?

Thanks very much for your good work.

73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "David Bastress" <bastress@...> wrote:
>
> Ian,
>
> I just bet you would. (Need a body guard!) I am almost surprised you didn't need one when you did the 30 meter band utilization chart.
>
> Another issue when trying to select an operating frequency is trying to dodge all the nets that claim certain frequencies during part of the day. There seems to be no end of 'nets'. Probably, 30 meters doesn't have as much of a problem with that as some other bands.
>
> Have a good day.
>
> Dave K3GAU
>
> >>> Ian Wade G3NRW <g3nrw@...> 6/2/2011 10:11 AM >>>
>
> From: David Bastress <bastress@...>
> Date: Thu, 2 Jun 2011 Time: 10:04:42
>
> >Ian,
> >
> >Very nice. Thanks for making the effort. It does illustrate how much

> >overlapping of modes there is on the ham bands. Now, how about making
> >one for each of the other ham bands. How many life times do you have?
> >:-0
>
> Thanks for your comments Dave. You are the third person already to ask
> if I can do the same for other bands...but I think I would need a
> bodyguard if I attempted to do that!
>
> >
> >As far as I know, ROS is illegal in the U.S. The FCC has defined it as a
> >'spread spectrum' mode and not legal for amateurs to use on HF.
> >Dave K3GAU
> >
>
> That's my understanding also, and that's why I showed the allocation
> with a question mark.
>
> --
> 73
> Ian, G3NRW
>

1105. QRV 14073

Yahoo group: V4Protocol
Date: 2011-06-05 17:02:57 UTC
From: tedworld1
Topic: 1105 Message: 1105

[Body unavailable in the source archive]

1106. The 30m Band Utilization Chart -- 6 June 2011 update

Yahoo group: V4Protocol
Date: 2011-06-06 06:20:15 UTC
From: Ian Wade G3NRW
Topic: 1106 Message: 1106

Since posting the first public version of the 30m Band Utilization
Chart, I have received many emails, several of which provided yet more
input for the chart. The updated version is now available at:

http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

Summarising the additions and changes:
~~~~~~
* Added CW SOTA at 10.118
* Added beacon at 10.125
* Added QRSS at 10.139 dial, and narrowed QRSS to 10.1400-10.1401
* Added Olivia at 10.1385 dial
* Changed Olivia500 to Olivia125/250/500 throughout
* Removed SkipNet at 10.141 dial
* Added IARU Region I beacon DK0WCY at 10.144
* Added Olivia to the multi-mode box at 10.142-10.145
* Added NET30 at 10.145 dial
* Added SkipNet at 10.14669 dial
* Added SSB VK 10.140-10.150
* Added legend indicating dial frequencies are USB unless otherwise
stated
~~~~~~

It seems that 10.140-10.150 is busier than ever!

Thanks again to everyone who emailed.

--
73
Ian, G3NRW

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

1107. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-06 14:30:49 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1107

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4ChatSetup 0.3.0.0.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat with V4 TNC Full install version 0.3.0.0

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4ChatSetup%200.3.0.0.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1108. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-06 14:33:05 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1108

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /SPEC for V4 TNC.pdf
Uploaded by : kn6kb <rmuething@...>
Description : Spec for the V4 TNC (pdf)

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/SPEC%20for%20V4%20TNC.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1109. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-06 14:33:39 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1109

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /Spec for the Viterbi 4FSK Protocol.pdf
Uploaded by : kn6kb <rmuething@...>
Description : Spec for the V4 Protocol (pdf)

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/Spec%20for%20the%20Viterbi%204FSK%20Protocol.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1110. IMPORTANT UPDATE V4Chat 0.3.0.0

Yahoo group: V4Protocol
Date: 2011-06-06 14:41:33 UTC
From: kn6kb
Topic: 1110 Message: 1110

All,

I have been working on several enhancements (features, fixes, documentation, and robustness improvements). This new release is 0.3.0.0 and is posted in the files section. The help has had significant enhancements incuding information for use with Flex radios.

Unfortunately one of the important robustness improvements to the Frame sync coding is NOT compatible with prior 0.1.x.x or 0.2.x.x. versions. This will require an uninstall of those versions and a new install of version 0.3.0.0. None of your existing settings will be lost in this process if you follow the ReadMeFirst file contained in the 0.3.0.0 Full install.zip.

My testing has shown these changes provide an improved robustness and I don't beleive any further significant changes will be required to the protocol causing incompatibilities. I expect to enable auto udpateing on the next release after 0.3.0.0.

Good luck. Thanks again for all your feedback. If you find a problem or don't understand something in the help let me know...that is how we have made such good progress.

73,

Rick Muething, KN6KB

1111. Intalled:Last version of V4

Yahoo group: V4Protocol
Date: 2011-06-06 16:05:35 UTC
From: Juhani
Topic: 1111 Message: 1111

Im QRV now on 14073 for any.
73 "Yussi" OH7TE

1112. Re: Intalled:Last version of V4

Yahoo group: V4Protocol
Date: 2011-06-06 16:14:11 UTC
From: Terry
Topic: 1111 Message: 1112

Hi Yussi - I copied your CQ OK and called you but no contact. I am still listening on 14073.

73 Terry GW0EZY

--- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>
> Im QRV now on 14073 for any.
> 73 "Yussi" OH7TE
>

1113. Re: Intalled:Last version of V4

Yahoo group: V4Protocol
Date: 2011-06-06 16:27:57 UTC
From: Yussuf
Topic: 1111 Message: 1113

Fb Terry, HELL QRM now, I watch you 14073!

--
73's OH7TE Yufenau

1114. Re: [V4Protocol] Re: Intalled:Last version of V4

Yahoo group: V4Protocol
Date: 2011-06-06 16:32:37 UTC
From: OE3ZK
Topic: 1111 Message: 1114

Yussi - I heard you calling but no gud FEC copy in the CLEAR

So something is wrong.

73
Gert, OE3ZK

----- Original Message -----
From: Yussuf
To: V4Protocol@yahoogroups.com
Sent: Monday, June 06, 2011 6:27 PM
Subject: [V4Protocol] Re: Intalled:Last version of V4

Fb Terry, HELL QRM now, I watch you 14073!

--
73's OH7TE Yufenau

1115. Re: Intalled:Last version of V4

Yahoo group: V4Protocol
Date: 2011-06-06 16:32:50 UTC
From: Terry
Topic: 1111 Message: 1115

FB - copied your CQ again. Also OE3ZK and F1ABL.

GW0EZY

--- In V4Protocol@yahoogroups.com, Yussuf <yufenau@...> wrote:
>
> Fb Terry, HELL QRM now, I watch you 14073!
>
> --
> 73's OH7TE Yufenau
>

1116. V4 Version 3

Yahoo group: V4Protocol
Date: 2011-06-06 18:28:46 UTC
From: rapidan2011
Topic: 1116 Message: 1116

Got it working...I think!

I need some clarification on the ARQ mode. When I attempt to send a note to a connected station why does it keep sending the same not several times for 30 sec?

I see this happens when calling CQ which I presume is correct.

Did I miss a setting or set something incorrectly?

Ted, WB2LOU

1117. Re: [V4Protocol] V4 Version 3

Yahoo group: V4Protocol
Date: 2011-06-06 18:59:46 UTC
From: Rick Muething
Topic: 1116 Message: 1117

CQ is really just a specially formatted data frame. It is just meant to tell others you are available and what your call signs is....Just like a voice or CW CQ.

You make an ARQ connection when someone calls you and you ACK their connect request....once that happens you are “connected”. Now data sent (from the ISS ...the station initiating the connection) will flow when:
1) There is data in the outbound queue (not just in the keyboard text window).
2) There is propagation to the other station (the IRS)
3) The IRS Acknowledges a successful decode with an ACK
4) That ACK is received by the ISS allowing it to advance to the next frame of data.

If you don’t have 2 AND 3 AND 4 then the ISS repeats the data until you get 2) 3) and 4) or you timeout (depends on your timeout setting in the setup (default = 90 sec). This is pretty much the way virtually all ARQ mechanisms work.

There is no operational difference in Version 0.3.0.0 and versions 0.2.x.x. except the change in the coding for the frame type and that makes the two versions incompatible as I said.

Rick KN6KB

From: rapidan2011
Sent: Monday, June 06, 2011 2:28 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Version 3

Got it working...I think!

I need some clarification on the ARQ mode. When I attempt to send a note to a connected station why does it keep sending the same not several times for 30 sec?

I see this happens when calling CQ which I presume is correct.

Did I miss a setting or set something incorrectly?

Ted, WB2LOU

1118. Latest V4 Chat

Yahoo group: V4Protocol
Date: 2011-06-06 19:11:05 UTC
From: Chuck
Topic: 1118 Message: 1118

0.3.0.0 down loaded fine on my Laptop using VISTA. No lock ups so far during some testing.

I have one issue I'm curious about and was noticeable in past revisions.... The Two Tone test is a great tool for setting the average
output. I'm using a Bird 43 Watt Meter and set the two tone level to exactly 50 Watts using the Icom USB Audio level control. (IC-7200) When I transmit
from the text window, I average about 79 or 80 Watts. I think the reason is because of the multi tone V4 average
over only 2 tones. Does this look about right?

Thanks;
Chuck, WA7BRL

1119. Re: [V4Protocol] Latest V4 Chat

Yahoo group: V4Protocol
Date: 2011-06-06 19:49:52 UTC
From: Ed Woods WD9DVA
Topic: 1118 Message: 1119

Chuck where is the latest ver (3.0.0.0) found? 73 Ed WD9DVA
----- Original Message -----
From: Chuck
To: V4Protocol@yahoogroups.com
Sent: Monday, June 06, 2011 19:11
Subject: [V4Protocol] Latest V4 Chat

0.3.0.0 down loaded fine on my Laptop using VISTA. No lock ups so far during some testing.

I have one issue I'm curious about and was noticeable in past revisions.... The Two Tone test is a great tool for setting the average
output. I'm using a Bird 43 Watt Meter and set the two tone level to exactly 50 Watts using the Icom USB Audio level control. (IC-7200) When I transmit
from the text window, I average about 79 or 80 Watts. I think the reason is because of the multi tone V4 average
over only 2 tones. Does this look about right?

Thanks;
Chuck, WA7BRL

1120. Re: [V4Protocol] Latest V4 Chat

Yahoo group: V4Protocol
Date: 2011-06-06 20:17:06 UTC
From: Chuck
Topic: 1118 Message: 1120

Ed; This is where I got it:

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4ChatSetup%200.3.0.0.zip

73;
Chuck

----- Original Message -----
From: "Ed Woods WD9DVA" <wd9dva@...>
To: V4Protocol@yahoogroups.com
Sent: Monday, June 6, 2011 12:49:52 PM
Subject: Re: [V4Protocol] Latest V4 Chat
☐
Chuck where is the latest ver (3.0.0.0) found? 73 Ed WD9DVA

1121. Abott V4 last versuin

Yahoo group: V4Protocol
Date: 2011-06-06 20:37:13 UTC
From: Juhani
Topic: 1121 Message: 1121

Some stations hrd today on 14 but no ARQ link contacts.
I must say that Europen Multipsk ALE400 ARQ FAE working like good an American car Buick.
BUT: We know that V4 is under BETA test and here in EU are patience for better performance of V4.
All the best power for Rick et al!
73 "Yussi" OH7TE

1122. Version 3.00

Yahoo group: V4Protocol
Date: 2011-06-06 20:46:15 UTC
From: John Dvorack
Topic: 1122 Message: 1122

Where do we download it from? I checked files, database,etc. cannot find it..

Thanks,
John (KD8BIN)

1123. Re: [V4Protocol] Latest V4 Chat

Yahoo group: V4Protocol
Date: 2011-06-06 21:01:41 UTC
From: Rick Muething
Topic: 1118 Message: 1123

Ed,

The V4 waveform ONLY sends two tones at the same time during the leader which is the same as the two tone wave form. This waveform will show a typical (on an AVERAGE reading wattmeter) value of about 70 Watts at 100 wats PEP.

The rest of the waveform for V4 is pure FSK sending only one tone at a time with no phase discontinuity. Depending on the peak to average reading capability of the meter it will show different values but the peak value AND average of the FSK waveform is 84% of the peak value of the two tone waveform. The reason for this is just to minimize transmitter heating of the high duty cycle wave during long periods as the ISS sending data.

In all cases the important fact is that the level for the two tone test to NOT generate significant ALC since that would cause distortion and splatter of the signal. If the two tone test does not generate ALC the data waveform should not either since it is 84% of the peak value.

Rick Muething, KN6KB

1124. Re: [V4Protocol] V4 Version 3

Yahoo group: V4Protocol
Date: 2011-06-06 21:14:59 UTC
From: Ted Trostle
Topic: 1116 Message: 1124

I am really missing something, so I'll ask my dumb question. How do you ACK the connect request? I ask for 2 reasons...First when a station calls there seems to be a auto connection made and from that point nothing I want to send via <Ctrl>Enter seems to xmit. Second if Itry using the ARQ Call dialog box with the stations call a red message shows stating :Not while connected." I have dug throught the help files and find no logical answer.

Ted, WB2LOU

On Mon, Jun 6, 2011 at 2:59 PM, Rick Muething <rmuething@...> wrote:

>
>
> CQ is really just a specially formatted data frame. It is just meant to
> tell others you are available and what your call signs is....Just like a
> voice or CW CQ.
>
> You make an ARQ connection when someone calls you and you ACK their connect
> request....once that happens you are “connected”. Now data sent (from the
> ISS ...the station initiating the connection) will flow when:
> 1) There is data in the outbound queue (not just in the keyboard text
> window).
> 2) There is propagation to the other station (the IRS)
> 3) The IRS Acknowledges a successful decode with an ACK
> 4) That ACK is received by the ISS allowing it to advance to the next frame
> of data.
>
> If you don’t have 2 AND 3 AND 4 then the ISS repeats the data until you get
> 2) 3) and 4) or you timeout (depends on your timeout setting in the setup
> (default = 90 sec). This is pretty much the way virtually all ARQ
> mechanisms work.
>
> There is no operational difference in Version 0.3.0.0 and versions 0.2.x.x.
> except the change in the coding for the frame type and that makes the two
> versions incompatible as I said.
>
>
> Rick KN6KB
>
>
> *From:* rapidan2011 <ttrostle35@...>
> *Sent:* Monday, June 06, 2011 2:28 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] V4 Version 3
>
>

>
> Got it working...I think!
>
> I need some clarification on the ARQ mode. When I attempt to send a note to
> a connected station why does it keep sending the same not several times for
> 30 sec?
>
> I see this happens when calling CQ which I presume is correct.
>
> Did I miss a setting or set something incorrectly?
>
> Ted, WB2LOU
>
>
>

--
You cannot change history, but you can make history !
Education is the only legal cure for stupidity.

1125. V4Chat V03.00

Yahoo group: V4Protocol
Date: 2011-06-06 21:30:01 UTC
From: Robert Belize
Topic: 1125 Message: 1125

doing some testing, station to station.

...V4Chat starts now in ARQ mode:disconnected.
...cursor is in the receive window. Why...
In that mode, without a connection, the receive windows shows (prints) garbeled characters...

Robert V31AE

1126. V4Chat ARQ mode

Yahoo group: V4Protocol
Date: 2011-06-06 22:11:49 UTC
From: Robert Belize
Topic: 1126 Message: 1126

testing station to station

Station A calls Station B (call sign)
Just let them idle ... (no keyboard entry)
Both station disconnect after a set time
CW id from A sent twice!

Robert V31AE

1127. V4 last SW

Yahoo group: V4Protocol
Date: 2011-06-06 23:32:19 UTC
From: Juhani
Topic: 1127 Message: 1127

Many signals hrd but and only minor parts of call sigh etc, no link connects here in "EU" on 14073.
So we wait fix of SW.
73 "Yussi" OH7TE

1128. CQ connected !

Yahoo group: V4Protocol
Date: 2011-06-06 23:32:23 UTC
From: ron_werthman@yahoo.ca
Topic: 1128 Message: 1128

Check this out.

*** ARQ Calling CQ 2011-06-06 23:29:16
*** Connected to CQ 2011-06-06 23:29:19
*** Manual Abort Request
*** ABORT ARQ.

1129. Re: [V4Protocol] V4 Version 3

Yahoo group: V4Protocol
Date: 2011-06-07 00:21:41 UTC
From: Rick Muething
Topic: 1116 Message: 1129

Ted,

Read the help files on establishing an ARQ conneciton. Here is the summary.

1) If you want to call CQ follow the process described. ARQ Call on the Calling menu click Send CQ. This sends a 30 second connect request to call sign CQ (that is not a legitimate call sign so no one will auto answer.)

2) If someone hears your CQ and wants to call you. (Or you want to answer someone else's) you use the Call call sign with their specific call.

3) In the TNC form it shows if you are connected or not and to which station. It also shows whether you are the IRS (receiving station) or the ISS (sending station)

4) To enter data type it into the keyboard text box. Hit <Ctrl> Return to move entered text to the outbound queue. If you are the ISS it will start sending data waiting after each frame for the (AUTOMATIC) ACK from the other side. You NEVER have to manually "Send an ACK or NAK" that is the job of the protocol and its described in nauseating detail in the state diagrams and protocol spec. The V4 TNC implements the protocol just like a hardware TNC implements the Pactor or Packet protocol.

If you are the IRS you won't be able to send until the other side has finished and sends an IDL frame (again totally automatic).

Think of this being the way two people would Talk (hence the name V4 "Chat") He sends ....you listen...when he is done sending, you send he listens. The protocol protects against having two senders or two listeners....Always one is ISS and one is IRS and those rolls are exchanged whenever the senders buffer goes empty (all the data has been sent and ACKed) and the other side (the IRS) as something to send (data in the output queue.) Its all automatic and once a connection is made it requires ONLY typing data into the keyboard box and typing <Ctrl> Enter to move it to the output queue. That mechanism was developed in the early versions to allow you to edit text in the text box BEFORE committing it to transmission.

Read though the help on the ARQ operation and look at the state diagrams. Also look at the V4 TNC form...it shows in big letters who is the IRS and the ISS and which station you are connected to. If you are connected it won't let you send out a connect request ("Not while connected") ...only ONE connection to ONE station at a time in ARQ mode (anything else would be total chaos!).

Rick KN6KB

From: Ted Trostle
Sent: Monday, June 06, 2011 5:14 PM
To: V4Protocol@...m
Subject: Re: [V4Protocol] V4 Version 3

I am really missing something, so I'll ask my dumb question. How do you ACK the connect request? I ask for 2 reasons...First when a station calls there seems to be a auto connection made and from that point nothing I want to send via <Ctrl>Enter seems to xmit. Second if Itry using the ARQ Call dialog box with the stations call a red message shows stating :Not while connected." I have dug throught the help files and find no logical answer.

Ted, WB2LOU

On Mon, Jun 6, 2011 at 2:59 PM, Rick Muething <rmuething@...> wrote:

CQ is really just a specially formatted data frame. It is just meant to tell others you are available and what your call signs is....Just like a voice or CW CQ.

You make an ARQ connection when someone calls you and you ACK their connect request....once that happens you are “connected”. Now data sent (from the ISS ...the station initiating the connection) will flow when:
1) There is data in the outbound queue (not just in the keyboard text window).
2) There is propagation to the other station (the IRS)
3) The IRS Acknowledges a successful decode with an ACK
4) That ACK is received by the ISS allowing it to advance to the next frame of data.

If you don’t have 2 AND 3 AND 4 then the ISS repeats the data until you get 2) 3) and 4) or you timeout (depends on your timeout setting in the setup (default = 90 sec). This is pretty much the way virtually all ARQ mechanisms work.

There is no operational difference in Version 0.3.0.0 and versions 0.2.x.x. except the change in the coding for the frame type and that makes the two versions incompatible as I said.

Rick KN6KB

From: rapidan2011
Sent: Monday, June 06, 2011 2:28 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Version 3

Got it working...I think!

I need some clarification on the ARQ mode. When I attempt to send a note to a connected station why does it keep sending the same not several times for 30 sec?

I see this happens when calling CQ which I presume is correct.

Did I miss a setting or set something incorrectly?

Ted, WB2LOU

--
You cannot change history, but you can make history !
Education is the only legal cure for stupidity.

1130. Re: [V4Protocol] V4Chat V03.00

Yahoo group: V4Protocol
Date: 2011-06-07 00:28:11 UTC
From: Rick Muething
Topic: 1125 Message: 1130

Please read the help! This is all described in there. This allows you to monitor ARQ or FEC data while being in the ARQ mode (disconnected) . If you can’t decode the signal and get garbled text (red strikethrough) it is because there is either no signal or it is too weak or off frequency. Once connected to a specific call sign you will get ONLY bold BLack text (always error free) in the receive window. If you want to clear the old ([pre connected) text simply right click on the window.

The idea is to allow you to operate from the keyboard (This IS a keyboard mode) without having to go back and change from Monitor or FEC to ARQ There is no differenced in the data in either ARQ or FEC...just the protocol.

Rick KN6KB

1131. V4 3.0

Yahoo group: V4Protocol
Date: 2011-06-07 00:29:07 UTC
From: John Dvorack
Topic: 1131 Message: 1131

Sorry, If I would have scrolled ALL the way down in the messages, I would have seen were to download it...my bad!

John (KD8BIN)

1132. Re: [V4Protocol] CQ connected !

Yahoo group: V4Protocol
Date: 2011-06-07 00:43:20 UTC
From: Rick Muething
Topic: 1128 Message: 1132

The only way that can happen is:
1) Someone enters their call sign as “CQ”. Actually this CAN’T happen....there is a filter on the call sign setup to INSURE it is a legitimate Amateur or MARS call sign.

2) (This is what likely happened) Someone is calling CQ Another QSO on the Same or nearby frequency is on going (and an ACK from that QSO is interpreted by the station calling CQ as an ACK). I can probably build protection in the protocol for that so a call to CQ can never recognize an ACK and therefore will ALWAYS time out.

But this brings up an issue I observed today...One frquency several people calling CQ, calling stations or trying to work a connection ALL at the same time ALL on the same frequency...Hey guys this is a 200 Hz narrow band mode not spread spectrum! You can’t have two QSOs on the same frequency at the same time. (same for Pactor, Amtor, WINMOR etc...Packet can time share a frequency at the expense of throughput).

From: ron_werthman@...
Sent: Monday, June 06, 2011 7:32 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] CQ connected !

Check this out.

*** ARQ Calling CQ 2011-06-06 23:29:16
*** Connected to CQ 2011-06-06 23:29:19
*** Manual Abort Request
*** ABORT ARQ.

1133. RE: [V4Protocol] V4 3.0

Yahoo group: V4Protocol
Date: 2011-06-07 05:31:57 UTC
From: Giedrius, LY2CG
Topic: 1131 Message: 1133

To John, KD8BIN

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4ChatSetup%200.3.0.0.zip

Gied, LY2CG

1134. Re: V4 last SW

Yahoo group: V4Protocol
Date: 2011-06-07 07:44:30 UTC
From: Bob Thornton
Topic: 1127 Message: 1134

Well I was one of those part call signs and it was my first ever contact with V4 so was probably finger trouble at my end. Will keep trying though.

Bob

--- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>
> Many signals hrd but and only minor parts of call sigh etc, no link connects here in "EU" on 14073.
> So we wait fix of SW.
> 73 "Yussi" OH7TE
>

1135. Re: [V4Protocol] Re: V4 last SW

Yahoo group: V4Protocol
Date: 2011-06-07 08:25:48 UTC
From: OE3ZK
Topic: 1127 Message: 1135

The newest V4 Version does not work properly on my old XP PC (delays and improper FEC copy) , altough I had no problems with the previous V4 versions. I have no problems with WINMOR but I also had similar problems with older WINMOR versions.

73
Gert, OE3ZK

----- Original Message -----
From: "Bob Thornton" <bob.thornton@...>
To: <V4Protocol@yahoogroups.com>
Sent: Tuesday, June 07, 2011 9:44 AM
Subject: [V4Protocol] Re: V4 last SW

> Well I was one of those part call signs and it was my first ever contact
> with V4 so was probably finger trouble at my end. Will keep trying though.
>
> Bob
>
> --- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>>
>> Many signals hrd but and only minor parts of call sigh etc, no link
>> connects here in "EU" on 14073.
>> So we wait fix of SW.
>> 73 "Yussi" OH7TE
>>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

1136. V4 test this morning in EU

Yahoo group: V4Protocol
Date: 2011-06-07 20:41:03 UTC
From: Juhani
Topic: 1136 Message: 1136

With eg. Bob G3WKW, most only parts of call decoded, only sometimes 100%.
Hrd many stations this morning but no real link estabilised.

CUL soon, "Yussi" OH7TE

1137. Re: IMPORTANT UPDATE V4Chat 0.3.0.0

Yahoo group: V4Protocol
Date: 2011-06-08 01:53:59 UTC
From: la7um
Topic: 1110 Message: 1137

Rick. Hope some of your frame sync ideas may benefit WINMOR later.
Some of the most difficult part of a WM link is decoding the first response. Once linked, it always works. Cause of the starting trouble is usually due to noisy background for client.

73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>
> I have been working on several enhancements (features, fixes, documentation, and robustness improvements). This new release is 0.3.0.0 and is posted in the files section. The help has had significant enhancements incuding information for use with Flex radios.
>
> Unfortunately one of the important robustness improvements to the Frame sync coding is NOT compatible with prior 0.1.x.x or 0.2.x.x. versions. This will require an uninstall of those versions and a new install of version 0.3.0.0. None of your existing settings will be lost in this process if you follow the ReadMeFirst file contained in the 0.3.0.0 Full install.zip.
>
> My testing has shown these changes provide an improved robustness and I don't beleive any further significant changes will be required to the protocol causing incompatibilities. I expect to enable auto udpateing on the next release after 0.3.0.0.
>
> Good luck. Thanks again for all your feedback. If you find a problem or don't understand something in the help let me know...that is how we have made such good progress.
>
> 73,
>
> Rick Muething, KN6KB
>

1138. Re: [V4Protocol] V4 Version 3

Yahoo group: V4Protocol
Date: 2011-06-08 17:58:54 UTC
From: W6IDS
Topic: 1116 Message: 1138

Within the confines of the message content below, how many users have been successful in completing a proper ARQ communication from start to finish? That's whether CQ/answer sequence or a specific station (not that there'd be much difference, per se <GRIN>)?

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Monday, June 06, 2011 8:21 PM
Subject: Re: [V4Protocol] V4 Version 3

Ted,
Read the help files on establishing an ARQ conneciton. Here is the summary.
1) If you want to call CQ follow the process described. ARQ Call on the Calling menu click Send CQ. This sends a 30 second connect request to call sign CQ (that is not a legitimate call sign so no one will auto answer.)
2) If someone hears your CQ and wants to call you. (Or you want to answer someone else's) you use the Call call sign with their specific call.
3) In the TNC form it shows if you are connected or not and to which station. It also shows whether you are the IRS (receiving station) or the ISS (sending station)
4) To enter data type it into the keyboard text box. Hit <Ctrl> Return to move entered text to the outbound queue. If you are the ISS it will start sending data waiting after each frame for the (AUTOMATIC) ACK from the other side. You NEVER have to manually "Send an ACK or NAK" that is the job of the protocol and its described in nauseating detail in the state diagrams and protocol spec. The V4 TNC implements the protocol just like a hardware TNC implements the Pactor or Packet protocol.
If you are the IRS you won't be able to send until the other side has finished and sends an IDL frame (again totally automatic).
Think of this being the way two people would Talk (hence the name V4 "Chat") He sends ....you listen...when he is done sending, you send he listens. The protocol protects against having two senders or two listeners....Always one is ISS and one is IRS and those rolls are exchanged whenever the senders buffer goes empty (all the data has been sent and ACKed) and the other side (the IRS) as something to send (data in the output queue.) Its all automatic and once a connection is made it requires ONLY typing data into the keyboard box and typing <Ctrl> Enter to move it to the output queue. That mechanism was developed in the early versions to allow you to edit text in the text box BEFORE committing it to transmission.
Read though the help on the ARQ operation and look at the state diagrams. Also look at the V4 TNC form...it shows in big letters who is the IRS and the ISS and which station you are connected to. If you are connected it won't let you send out a connect request ("Not while connected") ...only ONE connection to ONE station at a time in ARQ mode (anything else would be total chaos!).
Rick KN6KB

<SNIP>

1139. Re: [V4Protocol] V4 Version 3

Yahoo group: V4Protocol
Date: 2011-06-08 19:09:27 UTC
From: JGMAGS
Topic: 1116 Message: 1139

Hi Howard, although I was able to connect with one station, we could not complete the "qso". When I became the ISS, my message transmitted incessantly. I could not stop it, Eventually I clicked on "ABORT" and it did stop but lost connection to the other station. I believe I did follow the protocol correctly.

73, John KJ1J

"Many a good argument is ruined by some fool that knows what he is talking about"
... Marshall McLuhan...

From: W6IDS <w6ids@...>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, June 8, 2011 1:58 PM
Subject: Re: [V4Protocol] V4 Version 3

Within the confines of the message content below, how many users havebeen successful in completing a proper ARQ communication from start
to finish? That's whether CQ/answer sequence or a specific
station
(not that there'd be much difference, per se <GRIN>)?

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
>From: Rick Muething
>To: V4Protocol@yahoogroups.com
>Sent: Monday, June 06, 2011 8:21 PM
>Subject: Re: [V4Protocol] V4 Version 3
>
>
>Ted,
>Read the help files on establishing an ARQ conneciton. Here is the summary.
>1) If you want to call CQ follow the process described. ARQ Call on the Calling menu click Send CQ. This sends a 30 second connect request to call sign CQ (that is not a legitimate call sign so no one will auto answer.)
>2) If someone hears your CQ and wants to call you. (Or you want to answer someone else’s) you use the Call call sign with their specific call.
>3) In the TNC form it shows if you are connected or not and to which station. It also shows whether you are the IRS (receiving station) or the ISS (sending station)
>4) To enter data type it into the keyboard text box. Hit <Ctrl> Return to move entered text to the outbound queue. If you are the ISS it will start sending data waiting after each frame for the (AUTOMATIC) ACK from the other side. You NEVER have to manually “Send an ACK or NAK” that is the job of the protocol and its described in nauseating detail in the state diagrams and protocol spec. The V4 TNC implements the protocol just like a hardware

TNC implements the Pactor or Packet protocol.
>If you are the IRS you won’t be able to send until the other side has finished and sends an IDL frame (again totally automatic).
>Think of this being the way two people would Talk (hence the name V4 “Chat”) He sends ....you listen...when he is done sending, you send he listens. The protocol protects against having two senders or two listeners....Always one is ISS and one is IRS and those rolls are exchanged whenever the senders buffer goes empty (all the data has been sent and ACKed) and the other side (the IRS) as something to send (data in the output queue.) Its all automatic and once a connection is made it requires ONLY typing data into the keyboard box and typing <Ctrl> Enter to move it to the output queue. That mechanism was developed in the early versions to allow you to edit text in the text box BEFORE committing it to transmission.
>Read though the help on the ARQ operation and look at the state diagrams. Also look at the V4 TNC form...it shows in big letters who is the IRS and the ISS and which station you are connected to. If you are connected it won’t let you send out a connect request (“Not while connected”) ...only ONE connection to ONE station at a time in ARQ mode (anything else would be total chaos!).
>Rick KN6KB
><SNIP>

1140. Re: [V4Protocol] V4 Version 3

Yahoo group: V4Protocol
Date: 2011-06-08 19:28:07 UTC
From: Dick Lamberson
Topic: 1116 Message: 1140

No good here - I've followed the instructions to the letter - but unable to complete a decent qso on arq - no problem at all when switching back to fec...
Dick, W4WEB

----- Original Message -----
From: JGMAGS
To: V4Protocol@yahoogroups.com
Sent: Wednesday, June 08, 2011 3:09 PM
Subject: Re: [V4Protocol] V4 Version 3

Hi Howard, although I was able to connect with one station, we could not complete the "qso". When I became the ISS, my message transmitted incessantly. I could not stop it, Eventually I clicked on "ABORT" and it did stop but lost connection to the other station. I believe I did follow the protocol correctly.

73, John KJ1J

"Many a good argument is ruined by some fool that knows what he is talking about"
... Marshall McLuhan...

From: W6IDS <w6ids@...>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, June 8, 2011 1:58 PM
Subject: Re: [V4Protocol] V4 Version 3

Within the confines of the message content below, how many users have
been successful in completing a proper ARQ communication from start
to finish? That's whether CQ/answer sequence or a specific station
(not that there'd be much difference, per se <GRIN>)?

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Monday, June 06, 2011 8:21 PM
Subject: Re: [V4Protocol] V4 Version 3

Ted,
Read the help files on establishing an ARQ conneciton. Here is the summary.
1) If you want to call CQ follow the process described. ARQ Call on the Calling menu click Send CQ. This sends a 30 second connect request to call sign CQ (that is not a legitimate call sign so no one will auto answer.)
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If you are the IRS you won’t be able to send until the other side has finished and sends an IDL frame (again totally automatic).
Think of this being the way two people would Talk (hence the name V4 “Chat”) He sends ....you listen...when he is done sending, you send he listens. The protocol protects against having two senders or two listeners....Always one is ISS and one is IRS and those rolls are exchanged whenever the senders buffer goes empty (all the data has been sent and ACKed) and the other side (the IRS) as something to send (data in the output queue.) Its all automatic and once a connection is made it requires ONLY typing data into the keyboard box and typing <Ctrl> Enter to move it to the output queue. That mechanism was developed in the early versions to allow you to edit text in the text box BEFORE committing it to transmission.
Read though the help on the ARQ operation and look at the state diagrams. Also look at the V4 TNC form...it shows in big letters who is the IRS and the ISS and which station you are connected to. If you are connected it won’t let you send out a connect request (“Not while connected”) ...only ONE connection to ONE station at a time in ARQ mode (anything else would be total chaos!).
Rick KN6KB
<SNIP>

1141. Re: [V4Protocol] V4 Version 3

Yahoo group: V4Protocol
Date: 2011-06-08 19:37:05 UTC
From: F S
Topic: 1116 Message: 1141

One QSL confirmed contact. KB0E. The rest are partials. some my fault some other guys faults. As Ray said on his card, " things would go better if we knew what we were doing"

Frank WA5VCS

From: W6IDS <w6ids@...>
To: V4Protocol@yahoogroups.com
Sent: Wed, June 8, 2011 12:58:54 PM
Subject: Re: [V4Protocol] V4 Version 3

Within the confines of the message content below, how many users have been successful in completing a proper ARQ communication from start to finish? That's whether CQ/answer sequence or a specific station (not that there'd be much difference, per se <GRIN>)?

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
>From: Rick Muething
>To: V4Protocol@yahoogroups.com
>Sent: Monday, June 06, 2011 8:21 PM
>Subject: Re: [V4Protocol] V4 Version 3
>
>
>Ted,
>Read the help files on establishing an ARQ conneciton. Here is the summary.
>1) If you want to call CQ follow the process described. ARQ Call on the
>Calling menu click Send CQ. This sends a 30 second connect request to call
>sign CQ (that is not a legitimate call sign so no one will auto answer.)
>2) If someone hears your CQ and wants to call you. (Or you want to answer
>someone else’s) you use the Call call sign with their specific call.
>3) In the TNC form it shows if you are connected or not and to which station.
>It also shows whether you are the IRS (receiving station) or the ISS (sending
>station)
>4) To enter data type it into the keyboard text box. Hit <Ctrl> Return to
>move entered text to the outbound queue. If you are the ISS it will start
>sending data waiting after each frame for the (AUTOMATIC) ACK from the other
>side. You NEVER have to manually “Send an ACK or NAK” that is the job of the
>protocol and its described in nauseating detail in the state diagrams and
>protocol spec. The V4 TNC implements the protocol just like a hardware TNC
>implements the Pactor or Packet protocol.
>
>If you are the IRS you won’t be able to send until the other side has

>finished and sends an IDL frame (again totally automatic).
>Think of this being the way two people would Talk (hence the name V4 “Chat”)
>He sends ....you listen...when he is done sending, you send he listens. The
>protocol protects against having two senders or two listeners....Always one
>is ISS and one is IRS and those rolls are exchanged whenever the senders
>buffer goes empty (all the data has been sent and ACKed) and the other side
>(the IRS) as something to send (data in the output queue.) Its all automatic
>and once a connection is made it requires ONLY typing data into the keyboard
>box and typing <Ctrl> Enter to move it to the output queue. That mechanism
>was developed in the early versions to allow you to edit text in the text box
>BEFORE committing it to transmission.
>
>Read though the help on the ARQ operation and look at the state diagrams.
>Also look at the V4 TNC form...it shows in big letters who is the IRS and the
>ISS and which station you are connected to. If you are connected it won’t let
>you send out a connect request (“Not while connected”) ...only ONE connection
>to ONE station at a time in ARQ mode (anything else would be total chaos!).
>Rick KN6KB
><SNIP>

1142. Re: [V4Protocol] V4 Version 3

Yahoo group: V4Protocol
Date: 2011-06-08 19:40:52 UTC
From: n3wt@comcast.net
Topic: 1116 Message: 1142

I can connect , but that is all. No print after a connect and then timeout. This even with a strong signal. FEC mode copies okay. I'm sure this software works great in the path simulators, but just not working for me. I don't want to give up yet as I think a ARQ chat mode program would be useful. I tried this on a Ten Tec Jupiter and a Flex 5000A. I know there are timing issues with a Flex, but I think I have that worked out. This is with Ver. 3.

73 John N3WT

----- Original Message -----
From: Dick Lamberson <w4web@...>
To: V4Protocol@yahoogroups.com
Sent: Wed, 08 Jun 2011 19:28:07 -0000 (UTC)
Subject: Re: [V4Protocol] V4 Version 3

No good here - I've followed the instructions to

the letter - but unable to complete a decent qso on arq - no problem at all when

switching back to fec...
Dick, W4WEB

----- Original Message -----
From:JGMAGS
To:V4Protocol@yahoogroups.com
Sent: Wednesday, June 08, 2011 3:09

PM
Subject: Re: [V4Protocol] V4 Version

3

Hi Howard, although I was able to connect with one station, we

could not complete the "qso". When I became the ISS, my message transmitted

incessantly. I could not stop it, Eventually I clicked on "ABORT" and it did

stop but lost connection to the other station. I believe I did follow the

protocol correctly.

73, John KJ1J

"Many a good argument is ruined by some fool that knows what he is

talking about"
... Marshall McLuhan...

From: W6IDS

<w6ids@frontier.com>
To:

V4Protocol@yahoogroups.com
Sent: Wednesday, June 8, 2011 1:58

PM
Subject: Re: [V4Protocol]

V4 Version 3

Within the confines of the message content below, how

many users have
been successful in completing a proper ARQ communication from start
to finish? That's whether CQ/answer sequence or a specific

station
(not that there'd be much difference, per se <GRIN>)?

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From:Rick Muething
To:V4Protocol@yahoogroups.com
Sent: Monday, June 06, 2011 8:21

PM
Subject: Re: [V4Protocol] V4 Version

3

Ted,

Read the help files on establishing an ARQ conneciton. Here is the

summary.

1) If you want to call CQ follow the process described. ARQ Call on the

Calling menu click Send CQ. This sends a 30 second connect request to call

sign CQ (that is not a legitimate call sign so no one will auto

answer.)

2) If someone hears your CQ and wants to call you. (Or you want to

answer someone else’s) you use the Call call sign with their specific

call.

3) In the TNC form it shows if you are connected or not and to which

station. It also shows whether you are the IRS (receiving station) or the ISS (sending station)

4) To enter data type it into the keyboard text box. Hit <Ctrl> Return to move entered text to the outbound queue. If you are the ISS it will start sending data waiting after each frame for the (AUTOMATIC) ACK from the other side. You NEVER have to manually “Send an ACK or NAK” that is the job of the protocol and its described in nauseating detail in the state diagrams and protocol spec. The V4 TNC implements the protocol just like a hardware TNC implements the Pactor or Packet protocol.

If you are the IRS you won’t be able to send until the other side has finished and sends an IDL frame (again totally automatic).

Think of this being the way two people would Talk (hence the name V4 “Chat”) He sends ....you listen...when he is done sending, you send he listens. The protocol protects against having two senders or two listeners....Always one is ISS and one is IRS and those rolls are exchanged whenever the senders buffer goes empty (all the data has been sent and ACKed) and the other side (the IRS) as something to send (data in the output queue.) Its all automatic and once a connection is made it requires ONLY typing data into the keyboard box and typing <Ctrl> Enter to move it to the output queue. That mechanism was developed in the early versions to allow you to edit text in the text box BEFORE committing it to transmission.

Read though the help on the ARQ operation and look at the state diagrams. Also look at the V4 TNC form...it shows in big letters who is the IRS and the ISS and which station you are connected to. If you are connected it won’t let you send out a connect request (“Not while connected”) ...only ONE connection to ONE station at a time in ARQ mode (anything else would be total chaos!).

Rick KN6KB

<SNIP>

1143. RE: [V4Protocol] V4 Version 3

Yahoo group: V4Protocol
Date: 2011-06-08 20:22:09 UTC
From: K6KAR
Topic: 1116 Message: 1143

Howard,

Zero here!

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of W6IDS
Sent: Wednesday, June 08, 2011 12:59 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 Version 3

Within the confines of the message content below, how many users have

been successful in completing a proper ARQ communication from start

to finish? That's whether CQ/answer sequence or a specific station

(not that there'd be much difference, per se <GRIN>)?

Howard W6IDS

Richmond, IN EM79NV

----- Original Message -----

From: Rick Muething <mailto:rmuething@...>

To: V4Protocol@yahoogroups.com

Sent: Monday, June 06, 2011 8:21 PM

Subject: Re: [V4Protocol] V4 Version 3

Ted,

Read the help files on establishing an ARQ conneciton. Here is the summary.

1) If you want to call CQ follow the process described. ARQ Call on the Calling menu click Send CQ. This sends a 30 second connect request to call sign CQ (that is not a legitimate call sign so no one will auto answer.)

2) If someone hears your CQ and wants to call you. (Or you want to answer someone else's) you use the Call call sign with their specific call.

3) In the TNC form it shows if you are connected or not and to which station. It also shows whether you are the IRS (receiving station) or the ISS (sending station)

4) To enter data type it into the keyboard text box. Hit <Ctrl> Return to move entered text to the outbound queue. If you are the ISS it will start sending data waiting after each frame for the (AUTOMATIC) ACK from the other side. You NEVER have to manually "Send an ACK or NAK" that is the job of the protocol and its described in nauseating detail in the state diagrams and protocol spec. The V4 TNC implements the protocol just like a hardware TNC implements the Pactor or Packet protocol.

If you are the IRS you won't be able to send until the other side has finished and sends an IDL frame (again totally automatic).

Think of this being the way two people would Talk (hence the name V4 "Chat") He sends ....you listen...when he is done sending, you send he listens. The protocol protects against having two senders or two listeners....Always one is ISS and one is IRS and those rolls are exchanged whenever the senders buffer goes empty (all the data has been sent and ACKed) and the other side (the IRS) as something to send (data in the output queue.) Its all automatic and once a connection is made it requires ONLY typing data into the keyboard box and typing <Ctrl> Enter to move it to the output queue. That mechanism was developed in the early versions to allow you to edit text in the text box BEFORE committing it to transmission.

Read though the help on the ARQ operation and look at the state diagrams. Also look at the V4 TNC form...it shows in big letters who is the IRS and the ISS and which station you are connected to. If you are connected it won't let you send out a connect request ("Not while connected") ...only ONE connection to ONE station at a time in ARQ mode (anything else would be total chaos!).

Rick KN6KB

<SNIP>

1144. Re: [V4Protocol] V4 Version 3

Yahoo group: V4Protocol
Date: 2011-06-08 20:47:37 UTC
From: R. Ian Renton
Topic: 1116 Message: 1144

Howard:
I had a complete (start to end) V4 ARQ contact with Bob, N7DHV, (Florida to Wisconsin) on 6/6/11. We were disconnected a few times for ARQ inactivity timeout which was a bit annoying but were able to reconnect right away and continue the QSO.
Other than the inactivity timeout, it seemed to go quite well if we kept the pace up.
73
Ian
W4RIR

On Wed, Jun 8, 2011 at 1:58 PM, W6IDS <w6ids@...> wrote:

>
>
> Within the confines of the message content below, how many users have
> been successful in completing a proper ARQ communication from start
> to finish? That's whether CQ/answer sequence or a specific station
> (not that there'd be much difference, per se <GRIN>)?
>
> Howard W6IDS
> Richmond, IN EM79NV
>
>
> ----- Original Message -----
> *From:* Rick Muething <rmuething@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Monday, June 06, 2011 8:21 PM
> *Subject:* Re: [V4Protocol] V4 Version 3
>
> Ted,
> Read the help files on establishing an ARQ conneciton. Here is the
> summary.
> 1) If you want to call CQ follow the process described. ARQ Call on the
> Calling menu click Send CQ. This sends a 30 second connect request to call
> sign CQ (that is not a legitimate call sign so no one will auto answer.)
> 2) If someone hears your CQ and wants to call you. (Or you want to answer
> someone else's) you use the Call call sign with their specific call.
> 3) In the TNC form it shows if you are connected or not and to which
> station. It also shows whether you are the IRS (receiving station) or the
> ISS (sending station)
> 4) To enter data type it into the keyboard text box. Hit <Ctrl> Return to
> move entered text to the outbound queue. If you are the ISS it will start
> sending data waiting after each frame for the (AUTOMATIC) ACK from the other
> side. You NEVER have to manually "Send an ACK or NAK" that is the job of the

> protocol and its described in nauseating detail in the state diagrams and
> protocol spec. The V4 TNC implements the protocol just like a hardware TNC
> implements the Pactor or Packet protocol.
> If you are the IRS you won't be able to send until the other side has
> finished and sends an IDL frame (again totally automatic).
> Think of this being the way two people would Talk (hence the name V4
> "Chat") He sends ....you listen...when he is done sending, you send he
> listens. The protocol protects against having two senders or two
> listeners....Always one is ISS and one is IRS and those rolls are exchanged
> whenever the senders buffer goes empty (all the data has been sent and
> ACKed) and the other side (the IRS) as something to send (data in the output
> queue.) Its all automatic and once a connection is made it requires ONLY
> typing data into the keyboard box and typing <Ctrl> Enter to move it to the
> output queue. That mechanism was developed in the early versions to allow
> you to edit text in the text box BEFORE committing it to transmission.
> Read though the help on the ARQ operation and look at the state diagrams.
> Also look at the V4 TNC form...it shows in big letters who is the IRS and
> the ISS and which station you are connected to. If you are connected it
> won't let you send out a connect request ("Not while connected") ...only ONE
> connection to ONE station at a time in ARQ mode (anything else would be
> total chaos!).
> Rick KN6KB
> <SNIP>
>
>
>

1145. Re: [V4Protocol] V4 Version 3

Yahoo group: V4Protocol
Date: 2011-06-08 20:50:12 UTC
From: Ted Trostle
Topic: 1116 Message: 1145

Golly and I thought it was me not understanding what I read.....Hmmmm

Ted, WB2LOU

On Wed, Jun 8, 2011 at 3:37 PM, F S <oldtimingdude@...> wrote:

>
>
> One QSL confirmed contact. KB0E. The rest are partials. some my fault some
> other guys faults. As Ray said on his card, " things would go better if we
> knew what we were doing"
>
> Frank WA5VCS
>
> ------------------------------
> *From:* W6IDS <w6ids@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Wed, June 8, 2011 12:58:54 PM
>
> *Subject:* Re: [V4Protocol] V4 Version 3
>
>
>
> Within the confines of the message content below, how many users have
> been successful in completing a proper ARQ communication from start
> to finish? That's whether CQ/answer sequence or a specific station
> (not that there'd be much difference, per se <GRIN>)?
>
> Howard W6IDS
> Richmond, IN EM79NV
>
>
> ----- Original Message -----
> *From:* Rick Muething <rmuething@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Monday, June 06, 2011 8:21 PM
> *Subject:* Re: [V4Protocol] V4 Version 3
>
> Ted,
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> summary.
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> Calling menu click Send CQ. This sends a 30 second connect request to call
> sign CQ (that is not a legitimate call sign so no one will auto answer.)
> 2) If someone hears your CQ and wants to call you. (Or you want to answer
> someone else’s) you use the Call call sign with their specific call.

> 3) In the TNC form it shows if you are connected or not and to which
> station. It also shows whether you are the IRS (receiving station) or the
> ISS (sending station)
> 4) To enter data type it into the keyboard text box. Hit <Ctrl> Return to
> move entered text to the outbound queue. If you are the ISS it will start
> sending data waiting after each frame for the (AUTOMATIC) ACK from the other
> side. You NEVER have to manually “Send an ACK or NAK” that is the job of the
> protocol and its described in nauseating detail in the state diagrams and
> protocol spec. The V4 TNC implements the protocol just like a hardware TNC
> implements the Pactor or Packet protocol.
> If you are the IRS you won’t be able to send until the other side has
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> Think of this being the way two people would Talk (hence the name V4
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> Also look at the V4 TNC form...it shows in big letters who is the IRS and
> the ISS and which station you are connected to. If you are connected it
> won’t let you send out a connect request (“Not while connected”) ...only ONE
> connection to ONE station at a time in ARQ mode (anything else would be
> total chaos!).
> Rick KN6KB
> <SNIP>
>
>
>

--
You cannot change history, but you can make history !
Education is the only legal cure for stupidity.

1146. V4Chat ARQ mode

Yahoo group: V4Protocol
Date: 2011-06-08 20:55:08 UTC
From: Robert Belize
Topic: 1126 Message: 1146

Howard, I have two stations side by side, they can connect to each other usig rf..
I tested a bit and could complete arq connections. no problems.
If u want to test with me,or anybody else, welcome, am on 18090 Khz Dial, right now and a bit longer. 23 Zulu I'll go qsy
Robert V31AE stby v4chat qrq

1147. Re: [V4Protocol] V4 Version 3

Yahoo group: V4Protocol
Date: 2011-06-08 21:22:03 UTC
From: W6IDS
Topic: 1116 Message: 1147

No, no. . . . I don't thnk so because I'm having difficulty as well. We
can connect fine in FEC, but have yet to have an actual successful
ARQ connect and complete communication session..

NR5G and I keep getting timeouts, amongst other things. I only
mention HIM because I don't know if he'll respond to the initial inquiry.

ARQ is good for the soul and will have a positive effect on the overall
U.S. economy when it's perfected in V4. I love Pactor ARQ so I am
assuming I will also have a high regard for V4 as well - the FEC works
splendidly under noisy 40 meter conditions.

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Ted Trostle
To: V4Protocol@yahoogroups.com
Sent: Wednesday, June 08, 2011 4:50 PM
Subject: Re: [V4Protocol] V4 Version 3

Golly and I thought it was me not understanding what I read.....Hmmmm

Ted, WB2LOU

On Wed, Jun 8, 2011 at 3:37 PM, F S <oldtimingdude@...> wrote:

One QSL confirmed contact. KB0E. The rest are partials. some my fault some other guys
faults. As Ray said on his card, " things would go better if we knew what we were doing"

Frank WA5VCS

From: W6IDS <w6ids@frontier.com>

To: V4Protocol@yahoogroups.com
Sent: Wed, June 8, 2011 12:58:54 PM

Subject: Re: [V4Protocol] V4 Version 3

Within the confines of the message content below, how many users have
been successful in completing a proper ARQ communication from start
to finish? That's whether CQ/answer sequence or a specific station
(not that there'd be much difference, per se <GRIN>)?

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Monday, June 06, 2011 8:21 PM
Subject: Re: [V4Protocol] V4 Version 3

Ted,
Read the help files on establishing an ARQ conneciton. Here is the summary.
1) If you want to call CQ follow the process described. ARQ Call on the Calling menu click Send CQ. This sends a 30 second connect request to call sign CQ (that is not a legitimate call sign so no one will auto answer.)
2) If someone hears your CQ and wants to call you. (Or you want to answer someone else's) you use the Call call sign with their specific call.
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If you are the IRS you won't be able to send until the other side has finished and sends an IDL frame (again totally automatic).
Think of this being the way two people would Talk (hence the name V4 "Chat") He sends ....you listen...when he is done sending, you send he listens. The protocol protects against having two senders or two listeners....Always one is ISS and one is IRS and those rolls are exchanged whenever the senders buffer goes empty (all the data has been sent and ACKed) and the other side (the IRS) as something to send (data in the output queue.) Its all automatic and once a connection is made it requires ONLY typing data into the keyboard box and typing <Ctrl> Enter to move it to the output queue. That mechanism was developed in the early versions to allow you to edit text in the text box BEFORE committing it to transmission.
Read though the help on the ARQ operation and look at the state diagrams. Also look at the V4 TNC form...it shows in big letters who is the IRS and the ISS and which station you are connected to. If you are connected it won't let you send out a connect request ("Not while connected") ...only ONE connection to ONE station at a time in ARQ mode (anything else would be total chaos!).
Rick KN6KB
<SNIP>

1148. [V4Protocol] V4 Version 3

Yahoo group: V4Protocol
Date: 2011-06-08 22:02:58 UTC
From: Ray
Topic: 1116 Message: 1148

Howard, have had two successful contacts this afternoon lasting several minutes in ARQ and all worked very well. Didn't want to hog the frequency so cut them a bit short so others could have a go at it. Nothing appears to be wrong with the software.

Ray KB0E

_____

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of W6IDS
Sent: Wednesday, June 08, 2011 4:22 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 Version 3

No, no. . . . I don't thnk so because I'm having difficulty as well. We

can connect fine in FEC, but have yet to have an actual successful

ARQ connect and complete communication session..

NR5G and I keep getting timeouts, amongst other things. I only

mention HIM because I don't know if he'll respond to the initial inquiry.

ARQ is good for the soul and will have a positive effect on the overall

U.S. economy when it's perfected in V4. I love Pactor ARQ so I am

assuming I will also have a high regard for V4 as well - the FEC works

splendidly under noisy 40 meter conditions.

Howard W6IDS

Richmond, IN EM79NV

1149. Version 3 ARQ Callsign validation error

Yahoo group: V4Protocol
Date: 2011-06-08 22:19:14 UTC
From: Bob Thornton
Topic: 1149 Message: 1149

I just tried to call 7X4DR in ARQ mode but his call was not accepted as valid Amateur call. He looks up on QRZ.COM so I guess it probably ought to be a good call!

Bob
G3WKW

1150. result of a test run on 18091.5Khz center

Yahoo group: V4Protocol
Date: 2011-06-08 23:33:38 UTC
From: Robert Belize
Topic: 1150 Message: 1150

V31AE stby in V4Chat ARQ mode at around 22:00Z

KJ1J tried to connect with V31AE

FREQ: 18091.5MHZ center

Condx: quite, no qrm no qrn

My ant: Log periodic T8 pointed NorthEast

RF out: 70 Watts

I could clearly hear KJ1j's signal and see it on the waterfall

It was burried in the noise.

out of 10 trials it connected ones, but the ack's got lost. no flow..

We have tried 1 hour, we never established data flow under the condx we had.

Robert V31AE

1151. Re: [V4Protocol] V4 Version 3

Yahoo group: V4Protocol
Date: 2011-06-09 00:18:28 UTC
From: W6IDS
Topic: 1116 Message: 1151

Yeppir, that's what I hear. I'd rather look foolish than be really dumb and sit on the log like some toad. . .just sitting'. I'm curious as to how many folks aren't having the success YOU are, despite the clearly written set of instructions. Jeez, he put them in the help thingie as well as in two messages in the forum.

Yet. . . there we were, NR5G and myself. . . . timing our time outs. <GRIN>

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Ray
To: V4Protocol@yahoogroups.com
Sent: Wednesday, June 08, 2011 6:02 PM
Subject: [V4Protocol] V4 Version 3

Howard, have had two successful contacts this afternoon lasting several minutes in ARQ and all worked very well. Didn't want to hog the frequency so cut them a bit short so others could have a go at it. Nothing appears to be wrong with the software.

Ray KB0E

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of W6IDS
Sent: Wednesday, June 08, 2011 4:22 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 Version 3

No, no. . . . I don't thnk so because I'm having difficulty as well. We

can connect fine in FEC, but have yet to have an actual successful

ARQ connect and complete communication session..

NR5G and I keep getting timeouts, amongst other things. I only

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ARQ is good for the soul and will have a positive effect on the overall

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assuming I will also have a high regard for V4 as well - the FEC works

splendidly under noisy 40 meter conditions.

Howard W6IDS

Richmond, IN EM79NV

1152. Re: [V4Protocol] V4Chat ARQ mode

Yahoo group: V4Protocol
Date: 2011-06-09 00:58:48 UTC
From: JGMAGS
Topic: 1126 Message: 1152

Thank you Robert for your patience. We connected ok but when I am the ISS nothing goes in the buffer and it keeps transmitting until it times out and disconnects.

every thing seems to be setup according to protocol but I must be doing something wrong. What are your observations?
THANKS AGAIN Robert. perhaps we will give it another try..
73, John KJ1J

"Many a good argument is ruined by some fool that knows what he is talking about"
... Marshall McLuhan...

From: Robert Belize <robertbelize@...>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, June 8, 2011 4:55 PM
Subject: [V4Protocol] V4Chat ARQ mode

Howard, I have two stations side by side, they can connect to each other usig rf..
I tested a bit and could complete arq connections. no problems.
If u want to test with me,or anybody else, welcome, am on 18090 Khz Dial, right now and a bit longer. 23 Zulu I'll go qsy
Robert V31AE stby v4chat qrq

1153. Re: V4Chat ARQ mode

Yahoo group: V4Protocol
Date: 2011-06-09 02:57:33 UTC
From: Robert Belize
Topic: 1126 Message: 1153

Hi John, I was in and out of the shack...

What I really miss, during alpha testing is, a third window, so we can observe the flow of data out of the buffer. It is essential..
More or less we sit there and do our things and have no way to know what is flowing out.
During the time we tested together I have never received any data, just by the sound of the audio I could tell that I did send something out of the buffer, just by observing the audio on a second receiver.
What I also miss is, a "QRT" button, not just a "abort" what is more or less a hard cut.

We can do that again, we could try 14073 Khz.. Anyway am stby all day long on 18091.5Khz center USB in V4Chat ARQ and in winmor. In Pactor(1) on 18091.4Khz Mark .

You can try any time. Since we have no bell (or is there one? Control G maybe)I might be out of the shack.

John please tell me if you have received any data from me during our test.

73's
Robert V31AE

--- In V4Protocol@yahoogroups.com, JGMAGS <jgmags2000@...> wrote:
>
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> "Many a good argument is ruined by some fool that knows what he is talking about"
> ... Marshall McLuhan...
>
>
> _____
> From: Robert Belize <robertbelize@...>
> To: V4Protocol@yahoogroups.com
> Sent: Wednesday, June 8, 2011 4:55 PM
> Subject: [V4Protocol] V4Chat ARQ mode
>
>
> Â
> Howard, I have two stations side by side, they can connect to each other usig rf..
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bit longer. 23 Zulu I'll go qsy
> Robert V31AE stby v4chat qrq
>

1154. Re: [V4Protocol] Re: V4Chat ARQ mode

Yahoo group: V4Protocol
Date: 2011-06-09 03:09:03 UTC
From: JGMAGS
Topic: 1126 Message: 1154

Hi Robert, I did get a few tidbits of text i.e.ryryry and second line. Other than that it was just the connect verbiage.
I will look for you again..
73, John KJ1J

"Many a good argument is ruined by some fool that knows what he is talking about"
... Marshall McLuhan...

From: Robert Belize <robertbelize@...>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, June 8, 2011 10:57 PM
Subject: [V4Protocol] Re: V4Chat ARQ mode

Hi John, I was in and out of the shack...

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> Thank you Robert for your patience. We connected ok but when I am the ISS nothing goes in the buffer and it keeps transmitting until it times out and disconnects.
>
> every thing seems to be setup according to protocol but I must be doing something wrong. What are your observations?
> THANKS AGAIN Robert. perhaps we will give it another try..
> 73, John KJ1J
>
> "Many a good argument is ruined by some fool that knows what he is talking about"
> ... Marshall McLuhan...

>
>
> _____
> From: Robert Belize <robertbelize@...>
> To: V4Protocol@yahoogroups.com
> Sent: Wednesday, June 8, 2011 4:55 PM
> Subject: [V4Protocol] V4Chat ARQ mode
>
>
> Â
> Howard, I have two stations side by side, they can connect to each other usig rf..
> I tested a bit and could complete arq connections. no problems.
> If u want to test with me,or anybody else, welcome, am on 18090 Khz Dial, right now and a bit longer. 23 Zulu I'll go qsy
> Robert V31AE stby v4chat qrq
>

1155. Re: V4Chat ARQ mode

Yahoo group: V4Protocol
Date: 2011-06-09 03:41:21 UTC
From: Robert Belize
Topic: 1126 Message: 1155

John tnx, that's exactly what I have observed by listening to the sound of the audio. yes I did send ryry a short row. Connection idled out ... signal strength! I guess...Not because of you or me...

Gn
Robert V31AE

--- In V4Protocol@yahoogroups.com, JGMAGS <jgmags2000@...> wrote:
>
> Hi Robert, I did get a few tidbits of text i.e.ryryry and second line. Other than that it was just the connect verbiage.
> I will look for you again..
> 73, John KJ1J
>
>
>
> Â
> "Many a good argument is ruined by some fool that knows what he is talking about"
> ... Marshall McLuhan...
>
>
> _____
> From: Robert Belize <robertbelize@...>
> To: V4Protocol@yahoogroups.com
> Sent: Wednesday, June 8, 2011 10:57 PM
> Subject: [V4Protocol] Re: V4Chat ARQ mode
>
>
> Â
> Hi John, I was in and out of the shack...
>
> What I really miss, during alpha testing is, a third window, so we can observe the flow of data out of the buffer. It is essential..
> More or less we sit there and do our things and have no way to know what is flowing out.
> During the time we tested together I have never received any data, just by the sound of the audio I could tell that I did send something out of the buffer, just by observing the audio on a second receiver.
> What I also miss is, a "QRT" button, not just a "abort" what is more or less a hard cut.
>
> We can do that again, we could try 14073 Khz.. Anyway am stby all day long on 18091.5Khz center USB in V4Chat ARQ and in winmor. In Pactor(1) on 18091.4Khz Mark .
>
> You can try any time. Since we have no bell (or is there one? Control G maybe)I might be out of the shack.
>
> John please tell me if you have received any data from me during our test.
>
> 73's

> Robert V31AE
>
> --- In V4Protocol@yahoogroups.com, JGMAGS <jgmags2000@> wrote:
> >
> > Thank you Robert for your patience. We connected ok but when I am the ISS nothing goes in the buffer and it keeps transmitting until it times out and disconnects.
> >
> > every thing seems to be setup according to protocol but I must be doing something wrong. What are your observations?
> > THANKS AGAIN Robert. perhaps we will give it another try..
> > 73, John KJ1J
> >
> > "Many a good argument is ruined by some fool that knows what he is talking about"
> > ... Marshall McLuhan...
> >
> >
> > _____
> > From: Robert Belize <robertbelize@>
> > To: V4Protocol@yahoogroups.com
> > Sent: Wednesday, June 8, 2011 4:55 PM
> > Subject: [V4Protocol] V4Chat ARQ mode
> >
> >
> > ÃÂ
> > Howard, I have two stations side by side, they can connect to each other usig rf..
> > I tested a bit and could complete arq connections. no problems.
> > If u want to test with me,or anybody else, welcome, am on 18090 Khz Dial, right now and a bit longer. 23 Zulu I'll go qsy
> > Robert V31AE stby v4chat qrq
> >
>

1156. Re: CQ connected !

Yahoo group: V4Protocol
Date: 2011-06-09 14:14:10 UTC
From: Bob Thornton
Topic: 1128 Message: 1156

I observed the same situation today of "Connected to CQ". There was another station around deep in the noise but I could not copy a call at all.

Bob
G3WKW

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> The only way that can happen is:
> 1) Someone enters their call sign as â□□CQâ□□. Actually this CANâ□□T happen....there is a filter on the call sign setup to INSURE it is a legitimate Amateur or MARS call sign.
>
> 2) (This is what likely happened) Someone is calling CQ Another QSO on the Same or nearby frequency is on going (and an ACK from that QSO is interpreted by the station calling CQ as an ACK). I can probably build protection in the protocol for that so a call to CQ can never recognize an ACK and therefore will ALWAYS time out.
>
> But this brings up an issue I observed today...One frquency several people calling CQ, calling stations or trying to work a connection ALL at the same time ALL on the same frequency...Hey guys this is a 200 Hz narrow band mode not spread spectrum! You canâ□□t have two QSOs on the same frequency at the same time. (same for Pactor, Amtor, WINMOR etc...Packet can time share a frequency at the expense of throughput).
>
> From: ron_werthman@...
> Sent: Monday, June 06, 2011 7:32 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] CQ connected !
>
>
> Check this out.
>
> *** ARQ Calling CQ 2011-06-06 23:29:16
> *** Connected to CQ 2011-06-06 23:29:19
> *** Manual Abort Request
> *** ABORT ARQ.
>

1157. Re: [V4Protocol] Re: CQ connected !

Yahoo group: V4Protocol
Date: 2011-06-09 15:13:33 UTC
From: Rick Muething
Topic: 1128 Message: 1157

Bob,
This is due to copying an inadvertent ACK from another session on/near frequency (ACKs and NAKs since they are without data are more robust and easier to copy). The next release will include a mechanism insuring a call to CQ cannot cause a connection (ACKs when calling to CQ will be ignored).

Rick KN6KB

1158. wanted QSO on V4 Chat.....

Yahoo group: V4Protocol
Date: 2011-06-10 13:31:32 UTC
From: Nick
Topic: 1158 Message: 1158

Hi !
lz1oe every day listen to European stations on a frequency 14.073.00 USB for QSO's on mode V4 Chat Protocol!

73 de Nick

1159. Re: [V4Protocol] wanted QSO on V4 Chat.....

Yahoo group: V4Protocol
Date: 2011-06-10 14:51:23 UTC
From: Mcgaha Edward
Topic: 1158 Message: 1159

DB7EM sitting on 14.073 also,,,

From: Nick <andonov_nick@...>
To: V4Protocol@yahoogroups.com
Sent: Friday, June 10, 2011 3:31 PM
Subject: [V4Protocol] wanted QSO on V4 Chat.....

Hi !
lz1oe every day listen to European stations on a frequency 14.073.00 USB for QSO's on mode V4 Chat Protocol!

73 de Nick

1160. QRG?

Yahoo group: V4Protocol
Date: 2011-06-10 15:17:45 UTC
From: Nick
Topic: 1160 Message: 1160

Hi!
I am interested in what frequencies works
European V4Chat Protocol stations ?

73 de Nick

1161. Re: CQ connected !

Yahoo group: V4Protocol
Date: 2011-06-10 17:28:17 UTC
From: Larry/AAT3PY
Topic: 1128 Message: 1161

Sorry but have had this happen (connect to CQ) hooked to a dummy load!! Larry K4LLQ/AAT3PY

1162. Re: QRG?

Yahoo group: V4Protocol
Date: 2011-06-10 17:33:50 UTC
From: Bob Thornton
Topic: 1160 Message: 1162

Nick,
There does seem to be a need for a "Sticky" with this information. I once (February??) found a page from a US state digital group which had a good list but I lost the link! What I noted down was :

Europe
3590 7040 10136

USA
3583 7073 10131

Worldwide
14073 18085 21073

hopefully others will add to this or correct any errors, as it is pure hearsay.

Bob

G3WKW
--- In V4Protocol@yahoogroups.com, "Nick" <andonov_nick@...> wrote:
>
> Hi!
> I am interested in what frequencies works
> European V4Chat Protocol stations ?
>
> 73 de Nick
>

1163. Re: [V4Protocol] Re: CQ connected !

Yahoo group: V4Protocol
Date: 2011-06-10 17:39:17 UTC
From: SgtJLawson
Topic: 1128 Message: 1163

Larry say it aint so...Hi
John
AAR3GK

-----Original Message-----
From: Larry/AAT3PY <aat3py@...>
To: V4Protocol <V4Protocol@yahoogroups.com>
Sent: Fri, Jun 10, 2011 1:28 pm
Subject: [V4Protocol] Re: CQ connected !

Sorry but have had this happen (connect to CQ) hooked to a dummy
load!! Larry K4LLQ/AAT3PY

1164. Re: wanted QSO on V4 Chat.....

Yahoo group: V4Protocol
Date: 2011-06-10 17:49:49 UTC
From: Bob Thornton
Topic: 1158 Message: 1164

I too have listened from here in UK most afternoons and left it logging on 14073. A lot of red strikethrough unreadable text. I have noted about 7 green callsigns but only one looked like a really clean CQ and that was 7X4DR which unfortunately the program does not recognise as valid fro an ARQ. I did try FEC but was no reply. Other calls I have observed were your own IZ1OE, and KE1AF KA2UOL, WB0ZYU, N3WT and OH6XI. Actually the last I did not spot in green text but heard his call in CWID and chanced an ARQ call. We connected but failed to transfer text which is perhaps to be expected. It seems that most signals are just not strong enough.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, Mcgaha Edward <edmcgaha@...> wrote:
>
> DB7EM Â sitting on 14.073 also,,,
>
>
> _____
> From: Nick <andonov_nick@...>
> To: V4Protocol@yahoogroups.com
> Sent: Friday, June 10, 2011 3:31 PM
> Subject: [V4Protocol] wanted QSO on V4 Chat.....
>
>
> Â
> Hi !
> lz1oe every day listen to European stations on a frequency 14.073.00 USB for QSO's on mode V4 Chat Protocol!
>
> 73 de Nick
>

1165. V0.3 problems and CQ connect

Yahoo group: V4Protocol
Date: 2011-06-10 18:29:02 UTC
From: mike.elaine@btinternet.com
Topic: 1165 Message: 1165

Hi I seem to be suffering similar problems since changing over to 0.3.

My setup was fine with the previous V4Chat and I can still operate WinLink with no problems. However, I have had a couple of CQ connects and haven't managed a successful QSO since the changeover.

I've tried linking my main station PC with my laptop (audio crossover cable) and all works fine in both FEC and ARQ. I don't think it's a signal strength problem as I've had successful WinLink connections with signals that appear much weaker than the signals that are failing in V4. I am also seeing a much higher level of spurious strike-through printing on noise than with the previous version.

One minor point - when you close a link with the manual abort the distant station remains in a Connect state until it times out. Might be nice if the manual abort closed the distant station.

Happy to arrange a sked if anyone wants to try some more tests.

I do hope we can crack this as V4 has lots of potential.

Mike G4WNC

1166. Re: [V4Protocol] Re: CQ connected !

Yahoo group: V4Protocol
Date: 2011-06-10 23:45:55 UTC
From: W6IDS
Topic: 1128 Message: 1166

What did you have happen?

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Larry/AAT3PY
To: V4Protocol@yahoogroups.com
Sent: Friday, June 10, 2011 1:28 PM
Subject: [V4Protocol] Re: CQ connected !

Sorry but have had this happen (connect to CQ) hooked to a dummy load!! Larry K4LLQ/AAT3PY

1167. ARQ Connect Issue

Yahoo group: V4Protocol
Date: 2011-06-11 06:35:32 UTC
From: Lee Swanson
Topic: 1167 Message: 1167

Rick....

I have recently been communicating with W6IDS over cell phone while both of us were running tests on ARQ connectivity with V4.
Here is what I have observed. When issuing an ARQ connect request to W6IDS under marginal band conditions on nightime 40 meters, the IRS station will decode my connect request and indicate to him that he is connected to my station. He then responds immediately with an ACK. At that point my station does NOT appear to decode the ACK. This leaves his station showing CONNECTED and my station continuing to indicate DISCONNECTED. This continues until a "timeout" occurs. Is it possible that the ACK data bursts might be ever so slightly too short to be properly decoded under poor band conditions such as static crashes and/or weak signals? Do you think that by increasing the length of the ACK signal would do a better job of purging the IRS station's receiver so that it can decode more consistently while in ARQ mode keeping mind. I would suspect that

This exchange has rendered the same exact results when the other station is the initial ISS making the ARQ connect request.

You thoughts please...
73
Lee Swanson / NR5G

1168. Re: CQ connected !

Yahoo group: V4Protocol
Date: 2011-06-11 11:48:07 UTC
From: ltw_1937
Topic: 1128 Message: 1168

What I had happen was a ending up with a connect to CQ when calling CQ arq hooked up to a dummy load where there was little to no possibility of receiving a signal from some other station. Have made a number of contacts on ARQ but sometimes ther is no connect from what appears to be a timing issue. I usually abort and try to reestablish the link. Most of my operation has been on 14.073 MHz. We are very interested in using V4 ARQ in MARS for error free delivery of message traffic. Larry K4LLQ/AAT3PY

--- In V4Protocol@yahoogroups.com, "W6IDS" <w6ids@...> wrote:
>
> What did you have happen?
>
> Howard W6IDS
> Richmond, IN EM79NV
> ----- Original Message -----
> From: Larry/AAT3PY
> To: V4Protocol@yahoogroups.com
> Sent: Friday, June 10, 2011 1:28 PM
> Subject: [V4Protocol] Re: CQ connected !
>
>
>
>
>
> Sorry but have had this happen (connect to CQ) hooked to a dummy load!! Larry K4LLQ/AAT3PY
>

1169. Re: [V4Protocol] ARQ Connect Issue

Yahoo group: V4Protocol
Date: 2011-06-11 12:02:51 UTC
From: Rick Muething
Topic: 1167 Message: 1169

Lee,

The ACK, NAK and IDL signals are exactly the same as the first part of a data frame except the code is different. Normally an ACK/NAK or IDL will decode easier since it has no data and only has to receive the leader and the 4 symbol Sync field (that field decodes whether it is FEC data, ACK, NAK or IDL).

If there is a problem in receiving the ACK it is most likely there is excessive Hold time on the station sending the data. By that I mean the PTT is held too long not allowing the receiver to switch on and copy the ACK. If for example the sender is using VOX (either transceiver VOX or VOX built into the sound card interface like the SignaLink USB) any added Delay or Hold could block the ability to decode the ACK. This mentioned at least 2 or 3 times in the setup instructions in the Help. If the transceiver switches in 100 ms or less there is no problem and virtually all modern transceivers will do that.

It is possible to adjust the timing and I will look into that but the timing is already fairly generous. Making it very sloppy (e.g. delaying the remote station's ACK is possible but it requires stretching the entire cycle and that degrades throughput. Better to have users set it up correctlry...many are not used to ARQ and its rapid T>R switching so leave there delay settings at something slow like those used in PSK etc.

73,

Rick KN6KB

From: Lee Swanson
Sent: Saturday, June 11, 2011 2:35 AM
To: v4protocol@yahoogroups.com
Subject: [V4Protocol] ARQ Connect Issue

Rick....

I have recently been communicating with W6IDS over cell phone while both of us were running tests on ARQ connectivity with V4.
Here is what I have observed. When issuing an ARQ connect request to W6IDS under marginal band conditions on nightime 40 meters, the IRS station will decode my connect request and indicate to him that he is connected to my station. He then responds immediately with an ACK. At that point my station does NOT appear to decode the ACK. This leaves his station showing CONNECTED and my station continuing to indicate DISCONNECTED. This continues until a "timeout" occurs. Is it possible that the ACK data bursts might be ever so slightly too short to be properly decoded under poor band conditions such as static crashes and/or weak signals? Do you think that by increasing the length of the ACK signal would do a better job of purging the IRS station's receiver so that it can decode more consistently while in ARQ mode keeping mind. I would suspect that

This exchange has rendered the same exact results when the other station is the initial ISS making the ARQ connect request.

You thoughts please...
73
Lee Swanson / NR5G

1170. Re: QRG?

Yahoo group: V4Protocol
Date: 2011-06-11 17:20:20 UTC
From: Robert Belize
Topic: 1160 Message: 1170

Why not add a list of (calling frequencies) to the v4chat client?

Robert V31AE

--- In V4Protocol@yahoogroups.com, "Bob Thornton" <bob.thornton@...> wrote:
>
>
> Nick,
> There does seem to be a need for a "Sticky" with this information. I once (February??) found a page from a US state digital group which had a good list but I lost the link! What I noted down was :
>
> Europe
> 3590 7040 10136
>
> USA
> 3583 7073 10131
>
> Worldwide
> 14073 18085 21073
>
> hopefully others will add to this or correct any errors, as it is pure hearsay.
>
> Bob
>
> G3WKW
> --- In V4Protocol@yahoogroups.com, "Nick" <andonov_nick@> wrote:
> >
> > Hi!
> > I am interested in what frequencies works
> > European V4Chat Protocol stations ?
> >
> > 73 de Nick
> >
>

1171. V4 Chat and PTT with Kenwood TS-140s

Yahoo group: V4Protocol
Date: 2011-06-11 18:19:33 UTC
From: rca448
Topic: 1171 Message: 1171

Hello,

Using V4Chat I am trying to get my TS-140s to switch to send, but to no avail. I have tried all sorts of combinations in the Radio Setup window.
No problem with MixW or DM780 to switch to send.
Anybody out there who has solved this problem?

73

Bob PA5V

1172. Re: [V4Protocol] V4 Chat and PTT with Kenwood TS-140s

Yahoo group: V4Protocol
Date: 2011-06-13 00:42:27 UTC
From: Ron Werthman
Topic: 1171 Message: 1172

My ts-140s is working well with signalink USB.

Sent from my iPod

On 2011-06-11, at 2:19 PM, "rca448" <rca448@...> wrote:

> Hello,
>
> Using V4Chat I am trying to get my TS-140s to switch to send, but to no avail. I have tried all sorts of combinations in the Radio Setup window.
> No problem with MixW or DM780 to switch to send.
> Anybody out there who has solved this problem?
>
> 73
>
> Bob PA5V
>
>

1173. Re: ARQ Connect Issue

Yahoo group: V4Protocol
Date: 2011-06-13 08:37:10 UTC
From: mike.elaine@btinternet.com
Topic: 1167 Message: 1173

Hi Rick, Lee,

I've been attempting some testing here in the UK with Bob G3WKW. Last eveneng we had reasonable signal conditions on 80m and attempted an ARQ QSO. The initial connection was made very quickly with both stations showing connect but the IRS was only sending ACKs very intermittently (only two or three before the time-out limit was reached). Each of the transmitted ACKs were recognised at the ISS but most of the time there was complete silence in between the transmit bursts - no sign of a curtailed ACK. It would seem that the IRS was just not responding despite what sounded like an acceptable signal quality. In the end, the link just timed out with none of the message being conveyed. This aligns with my experiences with other ARQ attempts using v0.3. By way of comparison, the signal levels last night were significanly better (10dB or more)than conditions where I have had successful WinLink (Winmor) contacts. I'm using PTT Tx/Rx switching this end and my station worked fine with the 0.2 software. I have also run audio back to back tests with my laptop and under those conditions the software works fine.

Hope this helps give a few clues. Happy to carry-out more specific tests if that would help.

'73 Mike G4WNC

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Lee,
>
> The ACK, NAK and IDL signals are exactly the same as the first part of a data frame except the code is different. Normally an ACK/NAK or IDL will decode easier since it has no data and only has to receive the leader and the 4 symbol Sync field (that field decodes whether it is FEC data, ACK, NAK or IDL).
>
> If there is a problem in receiving the ACK it is most likely there is excessive Hold time on the station sending the data. By that I mean the PTT is held too long not allowing the receiver to switch on and copy the ACK. If for example the sender is using VOX (either transceiver VOX or VOX built into the sound card interface like the SignaLink USB) any added Delay or Hold could block the ability to decode the ACK. This mentioned at least 2 or 3 times in the setup instructions in the Help. If the transceiver switches in 100 ms or less there is no problem and virtually all modern transceivers will do that.
>
> It is possible to adjust the timing and I will look into that but the timing is already fairly generous. Making it very sloppy (e.g. delaying the remote stationâ□□s ACK is possible but it requires stretching the entire cycle and that degrades throughput. Better to have users set it up correctlry...many are not used to ARQ and its rapid T>R switching so leave there delay settings at something slow like those used in PSK etc.
>
> 73,
>
> Rick KN6KB
>

>
> From: Lee Swanson
> Sent: Saturday, June 11, 2011 2:35 AM
> To: v4protocol@yahoogroups.com
> Subject: [V4Protocol] ARQ Connect Issue
>
>
> Rick....
>
> I have recently been communicating with W6IDS over cell phone while both of us were running tests on ARQ connectivity with V4.
> Here is what I have observed. When issuing an ARQ connect request to W6IDS under marginal band conditions on nightime 40 meters, the IRS station will decode my connect request and indicate to him that he is connected to my station. He then responds immediately with an ACK. At that point my station does NOT appear to decode the ACK. This leaves his station showing CONNECTED and my station continuing to indicate DISCONNECTED. This continues until a "timeout" occurs. Is it possible that the ACK data bursts might be ever so slightly too short to be properly decoded under poor band conditions such as static crashes and/or weak signals? Do you think that by increasing the length of the ACK signal would do a better job of purging the IRS station's receiver so that it can decode more consistently while in ARQ mode keeping mind. I would suspect that
>
> This exchange has rendered the same exact results when the other station is the initial ISS making the ARQ connect request.
>
> You thoughts please...
> 73
> Lee Swanson / NR5G
>

1174. Re: QRG?

Yahoo group: V4Protocol
Date: 2011-06-13 14:59:32 UTC
From: Juhani
Topic: 1160 Message: 1174

(...)
> >
> > Europe
> > 3590 7040 10136
(...)
> > Bob
> >
> > G3WKW

Yes,
In "OH" we use 3590 and 7040 but most ALE400 AQR FAE 3588 because "ALE" work much better than V4 beta version.
73 "Yussi" OH7TE

1175. RE: [V4Protocol] Re: ARQ Connect Issue

Yahoo group: V4Protocol
Date: 2011-06-13 15:05:53 UTC
From: K6KAR
Topic: 1167 Message: 1175

This is exactly what I have encountered.

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of mike.elaine@...
Sent: Monday, June 13, 2011 3:37 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: ARQ Connect Issue

Hi Rick, Lee,

I've been attempting some testing here in the UK with Bob G3WKW. Last eveneng we had reasonable signal conditions on 80m and attempted an ARQ QSO. The initial connection was made very quickly with both stations showing connect but the IRS was only sending ACKs very intermittently (only two or three before the time-out limit was reached). Each of the transmitted ACKs were recognised at the ISS but most of the time there was complete silence in between the transmit bursts - no sign of a curtailed ACK. It would seem that the IRS was just not responding despite what sounded like an acceptable signal quality. In the end, the link just timed out with none of the message being conveyed. This aligns with my experiences with other ARQ attempts using v0.3. By way of comparison, the signal levels last night were significanly better (10dB or more)than conditions where I have had successful WinLink (Winmor) contacts. I'm using PTT Tx/Rx switching this end and my station worked fine with the 0.2 software. I have also run audio back to back tests with my laptop and under those conditions the software works fine.

Hope this helps give a few clues. Happy to carry-out more specific tests if that would help.

'73 Mike G4WNC

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> , "Rick Muething" <rmuething@...> wrote:
>
> Lee,
>
> The ACK, NAK and IDL signals are exactly the same as the first part of a data frame except the code is different. Normally an ACK/NAK or IDL will decode easier since it has no data and only has to receive the leader and the 4 symbol Sync field (that field decodes whether it is FEC data, ACK, NAK or IDL).
>
> If there is a problem in receiving the ACK it is most likely there is excessive Hold time on the station sending the data. By that I mean the PTT is held too long not allowing the receiver to switch on and copy the ACK. If for example the sender is using VOX (either transceiver VOX or VOX built into the sound card interface like the SignaLink USB) any added Delay or Hold could block the ability to decode the ACK. This mentioned at least 2 or 3 times in the setup instructions in the Help. If the transceiver switches in 100 ms or

less there is no problem and virtually all modern transceivers will do that.
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> It is possible to adjust the timing and I will look into that but the timing is already fairly generous. Making it very sloppy (e.g. delaying the remote stationâ€™s ACK is possible but it requires stretching the entire cycle and that degrades throughput. Better to have users set it up correctlry...many are not used to ARQ and its rapid T>R switching so leave there delay settings at something slow like those used in PSK etc.
>
> 73,
>
> Rick KN6KB
>
>
> From: Lee Swanson
> Sent: Saturday, June 11, 2011 2:35 AM
> To: v4protocol@yahoogroups.com <mailto:v4protocol%40yahoogroups.com>
> Subject: [V4Protocol] ARQ Connect Issue
>
>
> Rick....
>
> I have recently been communicating with W6IDS over cell phone while both of us were running tests on ARQ connectivity with V4.
> Here is what I have observed. When issuing an ARQ connect request to W6IDS under marginal band conditions on nightime 40 meters, the IRS station will decode my connect request and indicate to him that he is connected to my station. He then responds immediately with an ACK. At that point my station does NOT appear to decode the ACK. This leaves his station showing CONNECTED and my station continuing to indicate DISCONNECTED. This continues until a "timeout" occurs. Is it possible that the ACK data bursts might be ever so slightly too short to be properly decoded under poor band conditions such as static crashes and/or weak signals? Do you think that by increasing the length of the ACK signal would do a better job of purging the IRS station's receiver so that it can decode more consistently while in ARQ mode keeping mind. I would suspect that
>
> This exchange has rendered the same exact results when the other station is the initial ISS making the ARQ connect request.
>
> You thoughts please...
> 73
> Lee Swanson / NR5G
>

1176. Re: [V4Protocol] Re: ARQ Connect Issue

Yahoo group: V4Protocol
Date: 2011-06-13 18:50:50 UTC
From: Rick Muething
Topic: 1167 Message: 1176

All,

This unfortunately is not much information. There are about 30 things happening during the recognition of the leader, the symbol sync, the frame sync and the frame type decode and the data decode. The debug log is the key to making any progress here. I hate to sound like a broken record but unless you enable the debug log, Describe the type and time (UTC) of the observed problem it is not likely your word description will provide any useful information.

For your info when I work on issues with the protocol (timing, logic, DSP sensitivity etc) I ALWAYS have the debug logs of two computers (each end of the connection) working and capture everything while running the audio through the HF simulator (usually at −5 dB S/N Multipath poor channel). Without having that debug log it is impossible to tell what is happening inside the DSP code and protocol.

I am working on a number of issues for improved robustness but it is a big help to also have real off-the-air data if it is properly logged. Having logs from both ends is about 5x better than just one end of the connection!

Send your debug logs with reference to the time of the observed problems directly as attachments to rmuethingATcfl.rr.com and I will try and take a look.

Rick KN6KB

1177. Re: ARQ Connect Issue

Yahoo group: V4Protocol
Date: 2011-06-13 23:20:48 UTC
From: ham
Topic: 1167 Message: 1177

To make Rick's life a bit easier, please ensure that your computer's clock is accurate allowing the time stamps in the logs to be correct. An excellent NTP client called "Dimension 4" is available for free download. Accurate times in logs are critical when sending Rick logs from two stations experiencing a particular problem.

73, Bernie

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
---------------snip-----------snip----------------------------------

The debug log is the key to making any progress here. I hate to sound like a broken record but unless you enable the debug log, Describe the type and time (UTC) of the observed problem it is not likely your word description will provide any useful information.
>
> Rick KN6KB
>

1178. Re: Logbook ADIF Mode

Yahoo group: V4Protocol
Date: 2011-06-14 23:41:02 UTC
From: jackspace
Topic: 156 Message: 1178

Indeed, uploading our V4 QSOs to Logbook Of The World isn't going to work until this is resolved as well. Makes it tough to popularize a mode when the National Association for Amateur Radio isn't keeping-up with these new developments. :)

It's a shame we can't get a new mode into the ADIF spec in a more streamlined way.

Ideas?

73,
Jack, K6JEB
(ARRL Life Member)

--- In V4Protocol@yahoogroups.com, "n4zq" <n4zq@...> wrote:
>
> Anyone got a idea as to what valid ADIF Mode to use to log V4 QSO's into computer base logbooks? V4 comes up not a valid mode in my Logger32 program.. I'm sure in time it will be included as a valid ADIF mode, but no telling when that will happen..
>
> Keith N4ZQ
>

1179. Test V4 Chat

Yahoo group: V4Protocol
Date: 2011-06-16 16:27:01 UTC
From: ZS6AAG
Topic: 1179 Message: 1179

I am calling now CQ ARQ on 14073 anybody for a test??
73 from the Kingdom of swaziland
ZS6AAG

1180. Re: QRG?

Yahoo group: V4Protocol
Date: 2011-06-16 16:34:53 UTC
From: turi8712
Topic: 1160 Message: 1180

Are these frequencies Dial or Transmitt Frequencies?

Arthur HB9LAM
--- In V4Protocol@yahoogroups.com, "Bob Thornton" <bob.thornton@...> wrote:
>
>
> Nick,
> There does seem to be a need for a "Sticky" with this information. I once (February??) found a page from a US state digital group which had a good list but I lost the link! What I noted down was :
>
> Europe
> 3590 7040 10136
>
> USA
> 3583 7073 10131
>
> Worldwide
> 14073 18085 21073
>
> hopefully others will add to this or correct any errors, as it is pure hearsay.
>
> Bob
>
> G3WKW
> --- In V4Protocol@yahoogroups.com, "Nick" <andonov_nick@> wrote:
> >
> > Hi!
> > I am interested in what frequencies works
> > European V4Chat Protocol stations ?
> >
> > 73 de Nick
> >
>

1181. Re: QRG?

Yahoo group: V4Protocol
Date: 2011-06-16 17:00:10 UTC
From: Bob Thornton
Topic: 1160 Message: 1181

They were Dial frequencies and all USB.

--- In V4Protocol@yahoogroups.com, "turi8712" <turich@...> wrote:
>
>
>
>
> Are these frequencies Dial or Transmitt Frequencies?
>
> Arthur HB9LAM
> --- In V4Protocol@yahoogroups.com, "Bob Thornton" <bob.thornton@> wrote:
> >
> >
> > Nick,
> > There does seem to be a need for a "Sticky" with this information. I once (February??) found a page from a US state digital group which had a good list but I lost the link! What I noted down was :
> >
> > Europe
> > 3590 7040 10136
> >
> > USA
> > 3583 7073 10131
> >
> > Worldwide
> > 14073 18085 21073
> >
> > hopefully others will add to this or correct any errors, as it is pure hearsay.
> >
> > Bob
> >
> > G3WKW
> > --- In V4Protocol@yahoogroups.com, "Nick" <andonov_nick@> wrote:
> > >
> > > Hi!
> > > I am interested in what frequencies works
> > > European V4Chat Protocol stations ?
> > >
> > > 73 de Nick
> > >
> >
>

1182. Re: Test V4 Chat

Yahoo group: V4Protocol
Date: 2011-06-17 11:07:46 UTC
From: Daniel V. Wolff, Jr.
Topic: 1179 Message: 1182

I'll be available at times over the weekend. Is there a particular time of day you had in mind to make an attempt with European stations? That would help in finding you QRV without continually monitoring all day long. Please give us an idea when you'd like to try. Propagation between ZS and DL are pretty good but 17 or 15 meters may be better on North/South paths.

73,

Daniel V. Wolff, Jr.
DL4VCW / KA7AGN / AEM1WF (MARS)
<http://www.qsl.net/dl4vcw/> http://www.qsl.net/dl4vcw/

<http://www.qsl.net/ka7agn/> http://www.qsl.net/ka7agn/

<http://www.qsl.net/aem1wf/> http://www.qsl.net/aem1wf/

Classification: UNCLASSIFIED
Caveats: NONE

<http://groups.yahoo.com/group/V4Protocol/message/1179;_ylc=X3oDMTJyOHRsbDA1
BF9TAzk3MzU5NzE1BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMxMTc5
BHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzEzMDgzMDU5NTA-> Test V4 Chat

Posted by: "ZS6AAG"
<mailto:f5maw@...?Subject=%20Re%3A%20Test%20V4%20Chat>
f5maw@... <http://profiles.yahoo.com/ZS6AAG> ZS6AAG

Thu Jun 16, 2011 9:28 am (PDT)

I am calling now CQ ARQ on 14073 anybody for a test??
73 from the Kingdom of swaziland
ZS6AAG

1184. Re: [V4Protocol] MARS

Yahoo group: V4Protocol
Date: 2011-06-18 13:56:22 UTC
From: Ed Woods WD9DVA
Topic: 1184 Message: 1184

MARS 6.996 in the states (USB)? Ed AFA5QW/IN
----- Original Message -----
From: Johnny McCown
To: v4protocol@yahoogroups.com
Sent: Saturday, June 18, 2011 07:15
Subject: [V4Protocol] MARS

I wen tot 6996 heard some weak signals then to 3883.5 nothing. Back to the primary freq...nothing. And no my radio is not in dummy load. Lots of qrm though. Are you all working the freq this morning?

Johnny

To: f5maw@hotmail.com
CC: V4Protocol@yahoogroups.com
From: wolff.neidenbach@...
Date: Fri, 17 Jun 2011 11:07:46 +0000
Subject: [V4Protocol] Re: Test V4 Chat

I'll be available at times over the weekend. Is there a particular time of day you had in mind to make an attempt with European stations? That would help in finding you QRV without continually monitoring all day long. Please give us an idea when you'd like to try. Propagation between ZS and DL are pretty good but 17 or 15 meters may be better on North/South paths.

73,

Daniel V. Wolff, Jr.
DL4VCW / KA7AGN / AEM1WF (MARS)
http://www.qsl.net/dl4vcw/

http://www.qsl.net/ka7agn/

http://www.qsl.net/aem1wf/

Classification: UNCLASSIFIED
Caveats: NONE

Test V4 Chat
Posted by: "ZS6AAG" f5maw@... ZS6AAG
Thu Jun 16, 2011 9:28 am (PDT)

I am calling now CQ ARQ on 14073 anybody for a test??
73 from the Kingdom of swaziland
ZS6AAG

1185. V4 QRV 7040 now

Yahoo group: V4Protocol
Date: 2011-06-18 16:40:12 UTC
From: Juhani
Topic: 1185 Message: 1185

Hello, STBY on 40m, maybe OH7JJT om Tommi is QRV too
73 BR "Yussi" OH7TE

1186. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-20 15:58:23 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1186

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4 TNC Patch 0.3.0.1.zip
Uploaded by : kn6kb <rmuething@...>
Description : Trial update to the V4 TNC version 0.3.0.1

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4%20TNC%20Patch%200.3.0.1.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1187. Trial Update to the V4 TNC uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-06-20 16:11:52 UTC
From: kn6kb
Topic: 1187 Message: 1187

All,

I am on vacation for a few more days. Did some work here the other day when it was too hot to do anyting else! I have uploaded a trial patch for the V4 TNC (Filename V4 TNC Patch 0.3.0.1.zip). It contains a new TNC version which should be better in terms of sensitivity and symbol sync. I don't have my HF channel simulator here in the RV but it appears to be significantly better using an audio test with very low levels and noise. When I get home I'll run additional tests and tweaks using the HF simulator but some may want to try it now. This updated also includes an automatic calculation for timing during the initial ARQ connection. This should now automatically handle both fast turnaround and slow turnaround setups (slow computers etc). This also uses a mechanism to insure a CQ call does not recognize an inadvertent ACK.

This new version 0.3.0.1 should be compatible with the prior 0.3.0.0 version but should perform better. Try playing some with the squelch setting though 5 should be a good starting point and should work for all but the weakest signals.

What I am most interested in is:
Is this new version more sensive in detecting and syncing signals?
Is the ARQ mechanism working OK and useful on poor signals?

To use this new version simply download the zip file. Unzip and repace the V4TNC.exe file in your V4Chat directory. Keep (rename) your current V4TNC.exe file if you want to go back. You do not need to do an uninstall/re install. Simply replace your V4TNC.exe with the one in the zip. The revision history summarizes what changed.
Your comments welcome. Good luck.

73,

Rick Muething, KN6KB

V4 TNC Revision History

Date Rev # Summary ofChanges

June 20, 2011 0.3.0.1
Add blnARQCQ to block inadvertent ACK while calling CQ
Add function AcquireSymbolSync to V4Demod to use FSF filtered values to determine sync (more accuracy)
Modify function SearchForAMLeader47B2 to only do Tone search and call AcquireSymbolSync only when Threshold criterial are met.
Added variable intMeasuredPTToffToACKDelay to calculate actual ACK Delay in ARQ mode.
Modify intARQSpacing based on the measured intMeasuredPTToffToACKDelay value.

1188. V4 QSO V31AE <-> OH7TE

Yahoo group: V4Protocol
Date: 2011-06-20 21:10:17 UTC
From: Juhani
Topic: 1188 Message: 1188

My first real QSO by V4. New version is in USE. Condx is vy poor and Robert have high noise floor there.
73 de Yussi OH7TE

1189. Also EA3AOS Abel was on V4 ARQ and FEC 14.073

Yahoo group: V4Protocol
Date: 2011-06-20 21:36:53 UTC
From: Juhani
Topic: 1189 Message: 1189

Half ARQ QSO, final by FEC mode. QSO with Rober V31AE was ARQ.
73 "Yussi" OH7TE

1190. Re: V4 QSO V31AE <-> OH7TE

Yahoo group: V4Protocol
Date: 2011-06-20 23:01:12 UTC
From: jgmags2000
Topic: 1188 Message: 1190

HI Yussi, what band, frequency and time?
73, John KJ1J

--- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>
> My first real QSO by V4. New version is in USE. Condx is vy poor and Robert have high noise floor there.
> 73 de Yussi OH7TE
>

1191. Re: V4 QSO V31AE <-> OH7TE (using the newest client)

Yahoo group: V4Protocol
Date: 2011-06-20 23:09:23 UTC
From: Robert Belize
Topic: 1188 Message: 1191

Hi Yussi, your sig was buried in the noise floor, no s-meter reading, it is (positive) that we could have (under bad sig/noise) part of a qso. Still it is very difficult to imagine what is flowing out of the buffer, besides that we see how many bites ar left in the buffer (or not) . WE NEED A STATUS LINE, it helps a lot testing and improving!!! Many times the constellation window doesn't show anything (score)or ACK percentage? like in the winmor tnc. It is hot here too! :-)
I would have changed the band, to 18Mhz, but how to tell u that? I did send you a msg using winlink and telnet but no reply.
let's see...may be later again. Getting darkish now, lots of rain we had and the road is just a pile of mud...Not kidding!
73
Robert V31AE

--- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>
> My first real QSO by V4. New version is in USE. Condx is vy poor and Robert have high noise floor there.
> 73 de Yussi OH7TE
>

1192. Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-22 19:16:54 UTC
From: Russ Tower
Topic: 43 Message: 1192

Russ Tower
russtower@...
2011-06-22
15:08:46

I installed the V4 TNC Patch 0.3.0.1.zip on 06/21/11. I copied CQ's by EA3AQS, K1LLQ, N3WT, V31AE, and WB6JFH all on 14.073 Mhz during the day, but got no replies when I called them. I also called CQ many times as well, but got no replies. The equipment is working normally here with other programs on other digital modes. Is anyone else coping but not getting any replies?

73/Russ
K1DOW
EL97BE

1193. RE: [V4Protocol] Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-22 19:39:06 UTC
From: abel dasilva
Topic: 43 Message: 1193

hello , still not fix , to many bugs have to work on, been trying v4 for a bet, also with my yaesu ft 1000d and 950 still not working recv a bet in my my 950 yeasu nothing on my 1000-d oh well 73 ,i give up ,better with ale400 or pactor but no one using these modes any more to bad

To: V4Protocol@yahoogroups.com
From: russtower@...
Date: Wed, 22 Jun 2011 15:16:54 -0400
Subject: [V4Protocol] Re: New file uploaded to V4Protocol

Russ Tower
russtower@...
2011-06-22
15:08:46

I installed the V4 TNC Patch 0.3.0.1.zip on 06/21/11. I copied CQ's by EA3AQS, K1LLQ, N3WT, V31AE, and WB6JFH all on 14.073 Mhz during the day, but got no replies when I called them. I also called CQ many times as well, but got no replies. The equipment is working normally here with other programs on other digital modes. Is anyone else coping but not getting any replies?

73/Russ
K1DOW
EL97BE

1194. Re: [V4Protocol] Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-22 21:13:19 UTC
From: Rick Muething
Topic: 43 Message: 1194

Its always easier to give up than to work towards an improved solution. Thankfully there are still those involved with Ham radio that believe there is still has room for experimentation and advancement.

Did you know that the first bipolar transistor invented by John Bardeen, Walter Brattain and William Shockley in 1948 had a virtually useless beta (gain) of about 2. Good thing they didn’t give up!

Someone wisely said that progress is 1 % inspiration and 99% perspiration. I can vouch for that!

Rick KN6KB

1195. Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-22 22:21:43 UTC
From: Bob Thornton
Topic: 43 Message: 1195

I found the patch a great improvement with very few false decodes on noise and had 2 fairly successful QSO first night. But on a third QSO with apparently reasonable signal it failed to change from ISS to IRS despite endless handshaking, well it ended with timeout. I will send the log.

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Its always easier to give up than to work towards an improved solution. Thankfully there are still those involved with Ham radio that believe there is still has room for experimentation and advancement.
>
> Did you know that the first bipolar transistor invented by John Bardeen, Walter Brattain and William Shockley in 1948 had a virtually useless beta (gain) of about 2. Good thing they didn't give up!
>
> Someone wisely said that progress is 1 % inspiration and 99% perspiration. I can vouch for that!
>
> Rick KN6KB
>

1196. Fwd: [V4Protocol] Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-23 01:19:47 UTC
From: Robert Mitchell
Topic: 1196 Message: 1196

>
>
>
>> Gee,
>> It's working for me! After the patch, my first contact was N. Wisc. To Belize on 14073 @ 30 watts. Several others also no problem except propagation!
>> Bob Mitchell
>> N7DHV
>>
>> Sent from my iPad
>>
>> On Jun 22, 2011, at 5:21 PM, "Bob Thornton" <bob.thornton@...> wrote:
>>
>>> I found the patch a great improvement with very few false decodes on noise and had 2 fairly successful QSO first night. But on a third QSO with apparently reasonable signal it failed to change from ISS to IRS despite endless handshaking, well it ended with timeout. I will send the log.
>>>
>>> --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>>> >
>>> > Its always easier to give up than to work towards an improved solution. Thankfully there are still those involved with Ham radio that believe there is still has room for experimentation and advancement.
>>> >
>>> > Did you know that the first bipolar transistor invented by John Bardeen, Walter Brattain and William Shockley in 1948 had a virtually useless beta (gain) of about 2. Good thing they didn't give up!
>>> >
>>> > Someone wisely said that progress is 1 % inspiration and 99% perspiration. I can vouch for that!
>>> >
>>> > Rick KN6KB
>>> >
>>>
>>>

1197. Re: [V4Protocol] Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-23 02:46:03 UTC
From: W6IDS
Topic: 43 Message: 1197

Jeez, you reminded me.

Wayyyyyyy back when, I remember opening Popular Electronics and seeing an article about this new device called the Transistor. It was touted as being able to be used for much faster circuits and switching, etc. and would ultimately replace the vacuum tube. There was even a little circuit you could copy to test the Transistor as it switched from on to off to control a small light.

I forget where you were to find this thing, it was so new at the time. But, I do remember the article. Hmmmm, must have had an effect on me.

OH and with regard to the perspiration, it also means that you're not disappointed for not getting immediate gratification, Rick.

Howard W6IDS
Richmond, IN EM79NV
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Wednesday, June 22, 2011 5:13 PM
Subject: Re: [V4Protocol] Re: New file uploaded to V4Protocol

Its always easier to give up than to work towards an improved solution. Thankfully there are still those involved with Ham radio that believe there is still has room for experimentation and advancement.

Did you know that the first bipolar transistor invented by John Bardeen, Walter Brattain and William Shockley in 1948 had a virtually useless beta (gain) of about 2. Good thing they didn’t give up!

Someone wisely said that progress is 1 % inspiration and 99% perspiration. I can vouch for that!

Rick KN6KB

1198. Newbie question: what is "Incorrect mode (ARQCONNECT CQ) ???

Yahoo group: V4Protocol
Date: 2011-06-23 08:46:31 UTC
From: sp5isz
Topic: 1198 Message: 1198

Greetings,

I have just installed the software (0.3.0.0) and tried it. It seems to be able to receive and transmit from TNC window (Two Tone Test and Send CWID commands switch the radio to TX and send tones into air). But:

1. V4 Sound Card TNC "Busy" status keeps showing "Busy (N)" or "Busy V4" while listening to the RX noise. When I shut it down with radio squelch, noise tracks disappear from the waterfall and the message "Channel Clear" appears

2. Whenever I try to transmit anything from V4 Chat window (in ARQ mode tried to make it send CQ - from ARQ Call command or from keyboard entry) there is no transmission at all, a red "*** Incorrect mode (ARQCONNECT CQ)" appears, and new entry in Greek is added to the log. The result is the same, irrespectively of the channel busy status described above.

Kenwood TS-480, Soundblaster Audigy, Win XP Pro SP3.

Huh?

1199. Re: Newbie question: what is "Incorrect mode (ARQCONNECT CQ) ???

Yahoo group: V4Protocol
Date: 2011-06-23 09:05:00 UTC
From: Bob Thornton
Topic: 1198 Message: 1199

You did not say if you have also downloaded the TNC patch 0.3.0.1 released on Monday. I too have seen the "Incorrect Mode" message but it has always been fixed by using the dropdown menu "Mode:ARQ" and selecting ARQ. Something somewhere seems to think it is in FEC mode. I is not happening all the time, I had thought it was when changing bands, now wondering if it is after a 2 tone test will try that avenue later.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "sp5isz" <sp5isz@...> wrote:
>
> Greetings,
>
> I have just installed the software (0.3.0.0) and tried it. It seems to be able to receive and transmit from TNC window (Two Tone Test and Send CWID commands switch the radio to TX and send tones into air). But:
>
> 1. V4 Sound Card TNC "Busy" status keeps showing "Busy (N)" or "Busy V4" while listening to the RX noise. When I shut it down with radio squelch, noise tracks disappear from the waterfall and the message "Channel Clear" appears
>
> 2. Whenever I try to transmit anything from V4 Chat window (in ARQ mode tried to make it send CQ - from ARQ Call command or from keyboard entry) there is no transmission at all, a red "*** Incorrect mode (ARQCONNECT CQ)" appears, and new entry in Greek is added to the log. The result is the same, irrespectively of the channel busy status described above.
>
> Kenwood TS-480, Soundblaster Audigy, Win XP Pro SP3.
>
> Huh?
>

1200. Re: [V4Protocol] Newbie question: what is "Incorrect mode (ARQCONNECT CQ) ???

Yahoo group: V4Protocol
Date: 2011-06-23 13:06:17 UTC
From: Rick Muething
Topic: 1198 Message: 1200

Read the help on the busy detector (that is what turns on Busy N, Busy W or Busy V4. It can be tweaked if necessary using the squelch control on the V4 TNC panel (not the squelch on the radio which must always run open squelch) Normally you should be able to run with the squelch near the center (values 4-6). The squelch also tweaks some of threshold parameters on the leader detector.

If you have a problem enable the debug log and send the debug log to me directly as an attachment to rmuethingATcfl.rr.com. The log tells all to someone familiar to the program and is the ONLY practical way to debug!

Rick KN6KB

1201. Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-23 17:15:01 UTC
From: Bob Thornton
Topic: 43 Message: 1201

Perhaps it would be useful to know what power you and each of these stations is running. I typically use 20 or 40 watts but have no idea what others are using. Of your list I have worked V31AE but he found me hard to copy but I think the local noise there was significant.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "Russ Tower" <russtower@...> wrote:
>
>
> Russ Tower
> russtower@...
> 2011-06-22
> 15:08:46
>
> I installed the V4 TNC Patch 0.3.0.1.zip on 06/21/11. I copied CQ's by EA3AQS, K1LLQ, N3WT, V31AE, and WB6JFH all on 14.073 Mhz during the day, but got no replies when I called them. I also called CQ many times as well, but got no replies. The equipment is working normally here with other programs on other digital modes. Is anyone else coping but not getting any replies?
>
> 73/Russ
> K1DOW
> EL97BE
>

1202. RE: [V4Protocol] Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-23 19:18:15 UTC
From: Dr Fred Hambrecht
Topic: 43 Message: 1202

W4JLE-5 and NNA4AG-5 both run at 40 watts. The antenna is a G5RV in both cases at 40 feet.

Fred W4JLE/NNN0AAG

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Bob Thornton
Sent: Thursday, June 23, 2011 1:15 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: New file uploaded to V4Protocol

Perhaps it would be useful to know what power you and each of these stations is running. I typically use 20 or 40 watts but have no idea what others are using. Of your list I have worked V31AE but he found me hard to copy but I think the local noise there was significant.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> , "Russ Tower" <russtower@...> wrote:
>
>
> Russ Tower
> russtower@...
> 2011-06-22
> 15:08:46
>
> I installed the V4 TNC Patch 0.3.0.1.zip on 06/21/11. I copied CQ's by EA3AQS, K1LLQ, N3WT, V31AE, and WB6JFH all on 14.073 Mhz during the day, but got no replies when I called them. I also called CQ many times as well, but got no replies. The equipment is working normally here with other programs on other digital modes. Is anyone else coping but not getting any replies?
>
> 73/Russ
> K1DOW
> EL97BE
>

1203. Re: [V4Protocol] Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-23 22:20:12 UTC
From: Robert Mitchell
Topic: 43 Message: 1203

N7DHV is 30 - 40 watts into a hustler vertical that is resonant at 14100.

Sent from my iPad

On Jun 23, 2011, at 2:18 PM, "Dr Fred Hambrecht" <w4jle@pbtcomm.net> wrote:

> W4JLE-5 and NNA4AG-5 both run at 40 watts. The antenna is a G5RV in both cases at 40 feet.
>
>
>
> Fred W4JLE/NNN0AAG
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Bob Thornton
> Sent: Thursday, June 23, 2011 1:15 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: New file uploaded to V4Protocol
>
>
>
>
>
> Perhaps it would be useful to know what power you and each of these stations is running. I typically use 20 or 40 watts but have no idea what others are using. Of your list I have worked V31AE but he found me hard to copy but I think the local noise there was significant.
>
> Bob
>
> G3WKW
>
> --- In V4Protocol@yahoogroups.com, "Russ Tower" <russtower@...> wrote:
> >
> >
> > Russ Tower
> > russtower@...
> > 2011-06-22
> > 15:08:46
> >
> > I installed the V4 TNC Patch 0.3.0.1.zip on 06/21/11. I copied CQ's by EA3AQS, K1LLQ, N3WT, V31AE, and WB6JFH all on 14.073 Mhz during the day, but got no replies when I called them. I also called CQ many times as well, but got no replies. The equipment is working normally here with other programs on other digital modes. Is anyone else coping but not

getting any replies?
> >
> > 73/Russ
> > K1DOW
> > EL97BE
> >
>
>

1204. Re: Newbie question: what is "Incorrect mode (ARQCONNECT CQ) ???

Yahoo group: V4Protocol
Date: 2011-06-23 23:23:58 UTC
From: Bob Thornton
Topic: 1198 Message: 1204

I have been looking at this Incorrect Mode message, and can reproduce it reliably. It seems that when you make a two tone test the V4 TNC window clearly shows that the mode changes to FEC. But the chat window will still show that ARQ is active, and then when you try to call CQ (or another station) the "Incorrect Mode" message is displayed and you have to use the "Mode:ARQ" dropdown to select ARQ which you think is already selected. So the workaround would be to always reselect ARQ mode after using the Two Tone Test.

Bob

G3WKW

1205. Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-23 23:57:24 UTC
From: Robert Belize
Topic: 43 Message: 1205

Hi Bob...

I believe between Europe/Americas at 22/23 UTC, both sides using a beam/50 Watts you can expect S5 qsb. Am sure under this condx you can have a successful V4chat ARQ qso. I believe also, that the latest V4 version performs better...
For your information, am running 50 Watts into a T8 log periodic (8 elem) 13 to 30 Mhz pointed 45 degrees covering the USA east coast and Europe.
I am very interested how the V4 protocol performs under very difficult condx. I am running a daily (on the other side unattended) qso on 10 Mhz with HB9BJJ, using a 1/4 wave vertical on top of a metal roof very close to sea water. Using the first ever sold PTC modem type from SCS 25 years old!..The vertical is quite noise,the signal I receive is buried in noise... Ones only I have lost a connection maybe out of 30..
18 Mhz is a very interesting band. Am most of the time parked there listening for pactor1/winmor calls. If I can hear V4 sigs there I usually try and answer that call...

73,s
Robert V31AE

--- In V4Protocol@yahoogroups.com, "Bob Thornton" <bob.thornton@...> wrote:
>
> Perhaps it would be useful to know what power you and each of these stations is running. I typically use 20 or 40 watts but have no idea what others are using. Of your list I have worked V31AE but he found me hard to copy but I think the local noise there was significant.
>
>
> Bob
>
>
> G3WKW
>
> --- In V4Protocol@yahoogroups.com, "Russ Tower" <russtower@> wrote:
> >
> >
> > Russ Tower
> > russtower@
> > 2011-06-22
> > 15:08:46
> >
> > I installed the V4 TNC Patch 0.3.0.1.zip on 06/21/11. I copied CQ's by EA3AQS, K1LLQ, N3WT, V31AE, and WB6JFH all on 14.073 Mhz during the day, but got no replies when I called them. I also called CQ many times as well, but got no replies. The equipment is working normally here with other programs on other digital modes. Is anyone else coping but not getting any replies?
> >
> > 73/Russ

> > K1DOW
> > EL97BE
> >
>

1206. V4Chat client v 0.3.0.0

Yahoo group: V4Protocol
Date: 2011-06-24 03:14:39 UTC
From: Robert Belize
Topic: 1206 Message: 1206

Rick,

* I started the v4chat' what brings up the TNC and the client in ARQ mode.
* cursor is in the receive window.
* click into the tx window, what brings the cursor down.:-)
* type some text :1234567890123456" into the tx window.
* press control enter.

These 16 chr will be sent and received by any station out there, and repeated. Why is that? Fec? TNC says it is in ARQ mode.

During test qso's it happens times over that 16 Characters will be sent and repeated over and over.
It happened to me today again...

Please advice.

Robert V31AE

1207. V4Chat client v 0.3.0.0

Yahoo group: V4Protocol
Date: 2011-06-24 03:31:34 UTC
From: Robert Belize
Topic: 1207 Message: 1207

Rick,

I should have added that ARQ timeout is set to (30) sec, and AutoId is off. I started the sequence 5 minutes ago, and it is still repeating/transmitting the 16 characters.

Robert V31AE

1208. Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-24 10:54:14 UTC
From: Russ Tower
Topic: 43 Message: 1208

Russ Tower
russtower@...
2011-06-24
06:53:03

I run my TX input at 50W Bob..

Russ/K1DOW
EL97BE

1209. Re: [V4Protocol] V4Chat client v 0.3.0.0

Yahoo group: V4Protocol
Date: 2011-06-24 11:48:08 UTC
From: Rick Muething
Topic: 1206 Message: 1209

Robert,

Some things you must understand with ARQ.

1) ARQ uses FEC (Forward error correction) to send the data...That means there is redundancy in the data to allow some error correction (not infinite error correction of course!)
2) An ARQ “Connection” is between TWO stations. More than 2 stations CANNOT use ARQ at the same time. One station is always the ISS (The information sending station) while the other is the IRS (Information receiving station). During a normal QSO the rolls of IRS and ISS typically exchange several times. The V4 Protocol (see the ARQ state diagram) controls how the exchanges happen and should insure you can’t get a situation with two ISS or two IRS stations.

3) The ARQ timeout should normally be more than 30 seconds...I would say 60-90 seconds. That means if you don’t get an ACK from a transmission in that time period the link is lost. If it is too short a temporary drop in propagation will kill the link prematurely.

4) You normally don’t just send data in ARQ if you are NOT connected. I will look at blocking that in the software. For an ARQ connection the procedure (as it is in almost all ARQ modes) is this:
a) Call CQ using the ARQ CQ. This is limited to 30 seconds and with the latest 0.3.0.1 TNC version will also NOT accept any ACKs ...There is no station with the call sign of “CQ” so no one SHOULD ACK.
b) Some one Answers your CQ (or you call to a station that sent a CQ) or (you call to a station on a Scheduled time and frequency) and if/when they ACK that forms an “ARQ Connection” connecting those two stations. From that point they are either IRS or ISS and exchange FEC data via the V4 ARQ protocol. When finished you can abort the link (preferred) or just let it timeout.

FEC mode is a different animal. There is no “connection” Perhaps there is a better name for this (Unproto in packet). In that mode the data is still sent FEC (the same exact format as in ARQ above) so some errors can be corrected. But since there is no “back channel” there is no mechanism to allow the other stations (or stations) to automatically request a repeat. So FEC mode cannot correct all errors and is best for good conditions or when “broadcasting” to several stations.

In ARQ mode the current software allows you to copy and display FEC data when NOT connected ...This using the same Green (Error free) or Red (CRC failed) text as is used when in FEC mode. When connected in ARQ text is always displayed as bold black and is always error free (or the link eventually fails).

Hope this clarifies things a bit. I am still working on refinements to the demodulation and decoding. This is a constant battle between better performance using more DSP and available CPU horsepower. (part of the “no free lunch” theorem!)

Rick KN6KB

1210. Re: [V4Protocol] Re: Newbie question: what is "Incorrect mode (ARQCONNECT CQ) ???

Yahoo group: V4Protocol
Date: 2011-06-24 12:05:37 UTC
From: Rick Muething
Topic: 1198 Message: 1210

Thanks,

I'll look at this and correct in the next release.

Rick KN6KB

1211. Re: [V4Protocol] V4Chat client v 0.3.0.0

Yahoo group: V4Protocol
Date: 2011-06-24 12:33:10 UTC
From: Jack Swift
Topic: 1206 Message: 1211

is there an implied "1)a." which would state something to the effect
that "ARQ also uses the "CRC Failed" identification at the IRS to send
a request for resend to the ISS for the failed packets."??

On Fri, Jun 24, 2011 at 7:48 AM, Rick Muething <rmuething@...> wrote:
>
> 1) ARQ uses FEC (Forward error correction) to send the data...That means there is redundancy in the data to allow some error correction (not infinite error correction of course!)

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-482-0530, 281-5300
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

1212. Re: [V4Protocol] V4Chat client v 0.3.0.0

Yahoo group: V4Protocol
Date: 2011-06-24 14:02:14 UTC
From: Rick Muething
Topic: 1206 Message: 1212

Jack,

That is basically correct but It's a bit more complicated out of necessity.

If the ISS sends a frame (up to 16 characters) it expects back an ACK (frame received and decoded successfully) or a NAK (messages received but decode failed CRC check)
But the ISS also has a timeout (slightly longer than the expected ACK or NAK reply time) so if it receives NO reply (or the ISS failed to decode the reply) the logic treats it like a NAK and the ISS resends the same frame.

If the IRS sent an ACK but the ISS failed to receive it the ISS will resend the exact same frame but since the IRS has already received it the IRS will ignore the duplicate frame but still send the ACK or NAK. This insures no duplicates are passed through to the application.

In any ARQ scheme it is virtually imperative that one station be in control and the lost of any particular frame or ACK not stop the protocol. That is why the above mechanism is required. The ARQ state diagrams (though simplified) show this basic operation.

Rick KN6KB

From: Jack Swift
Sent: Friday, June 24, 2011 8:33 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4Chat client v 0.3.0.0

is there an implied "1)a." which would state something to the effect
that "ARQ also uses the "CRC Failed" identification at the IRS to send
a request for resend to the ISS for the failed packets."??

On Fri, Jun 24, 2011 at 7:48 AM, Rick Muething <mailto:rmuething%40cfl.rr.com> wrote:
>
> 1) ARQ uses FEC (Forward error correction) to send the data...That means there is redundancy in the data to allow some error correction (not infinite error correction of course!)

--
vvvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-482-0530, 281-5300
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

1213. Re: V4Chat client v 0.3.0.0 endlessly transmitting 16 characters

Yahoo group: V4Protocol
Date: 2011-06-24 14:55:03 UTC
From: Robert Belize
Topic: 1207 Message: 1213

Rick,

the reason I have set the ARQ time out timer to 30 sec was, to check if there was any routine in your code what would stop the transmitter sending 16 Character endlessly (there is no watchdog) , resulting finally in overheating.
I have seen those 16 characters sent by other stations, unaware of it.

In my opinion, the client should not provide the possibility by mistake, to send out (transmit) 16 characters, without being connected.

73'
Robert V31AE

--- In V4Protocol@yahoogroups.com, "Robert Belize" <robertbelize@...> wrote:
>
> Rick,
>
> I should have added that ARQ timeout is set to (30) sec, and AutoId is off. I started the sequence 5 minutes ago, and it is still repeating/transmitting the 16 characters.
>
> Robert V31AE
>

1214. QRV now V4 7040

Yahoo group: V4Protocol
Date: 2011-06-24 16:02:29 UTC
From: Juhani
Topic: 1214 Message: 1214

Later 14073. Last SW i use.
73 "Yussi" OH7TE

1215. Re: [V4Protocol] Re: V4Chat client v 0.3.0.0 endlessly transmitting 16 characters

Yahoo group: V4Protocol
Date: 2011-06-24 16:29:24 UTC
From: Rick Muething
Topic: 1207 Message: 1215

Robert,

The fix is that the software should prevent you from ever sending data in ARQ mode unless connected. That will be in the next release. In ARQ mode there is always a timeout while connected.

Thanks for the feedback.

Rick KN6KB

From: Robert Belize
Sent: Friday, June 24, 2011 10:55 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: V4Chat client v 0.3.0.0 endlessly transmitting 16 characters

Rick,

the reason I have set the ARQ time out timer to 30 sec was, to check if there was any routine in your code what would stop the transmitter sending 16 Character endlessly (there is no watchdog) , resulting finally in overheating.
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Robert V31AE

--- In mailto:V4Protocol%40yahoogroups.com, "Robert Belize" <robertbelize@...> wrote:
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> Rick,
>
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>
> Robert V31AE
>

1216. Nw V4 14073

Yahoo group: V4Protocol
Date: 2011-06-24 17:06:32 UTC
From: Juhani
Topic: 1216 Message: 1216

Hrd/copied G3WKW on 7040, no link. Now active/stby 14073.
73 "yussi" OH7TE

1217. Re: V4Chat client v 0.3.0.0 endlessly transmitting 16 characters

Yahoo group: V4Protocol
Date: 2011-06-24 17:28:45 UTC
From: ham
Topic: 1207 Message: 1217

Rick:

I had a QSO with Robert last night and we both had the issue with the constant repeats. Also, please consider using adapter timers as I suggested in a previous post.

Have a look at:
http://www.icao.int/anb/Panels/ACP/ATNP/Meetings/wg2/wps/w2wp345.pdf

Adaptive timers become very important when there are multiple stations on the same frequency.

Regards,
Bernie

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Robert,
>
> The fix is that the software should prevent you from ever sending data in ARQ mode unless connected. That will be in the next release. In ARQ mode there is always a timeout while connected.
>
> Thanks for the feedback.
>
> Rick KN6KB
>
>
> From: Robert Belize
> Sent: Friday, June 24, 2011 10:55 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: V4Chat client v 0.3.0.0 endlessly transmitting 16 characters
>
>
>
> Rick,
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> 73'
> Robert V31AE
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> > I should have added that ARQ timeout is set to (30) sec, and AutoId is off. I started the sequence 5 minutes ago, and it is still repeating/transmitting the 16 characters.
> >
> > Robert V31AE
> >
>

1218. Re: Nw V4 14073

Yahoo group: V4Protocol
Date: 2011-06-24 17:57:43 UTC
From: Bob Thornton
Topic: 1216 Message: 1218

Well I had heard you about 20 minutes earlier while my computer was doing endless updates. Strong sounding V4 and easy copy of your cwid, but saw no sign of a reply to my later CQ. Well happy Juhanus anyway. I will try 14073 a bit later, have been monitoring unattended but nothing received.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>
> Hrd/copied G3WKW on 7040, no link. Now active/stby 14073.
> 73 "yussi" OH7TE
>

1219. Re: [V4Protocol] Re: V4Chat client v 0.3.0.0 endlessly transmitting 16 characters

Yahoo group: V4Protocol
Date: 2011-06-24 18:01:15 UTC
From: Rick Muething
Topic: 1207 Message: 1219

Bernie,

I looked at the document and while it is aimed at typical network type timing there are some areas for adapting to use a variable timer. The next revision of software will include a mechanism that measures the round trip delay and use that to optimize the timer value. What I call the round trip delay is this:
Start Round Trip measurement when the ISS station releases its PTT signal
Measure time (true resolution about 10 ms) until the ACK or NAK of the responding station is received. There is still a timeout on this (larger than any normal reply value) in case there is a lost ACK or NAK.
Use that measured time to create a new more optimum (shorter) ARQ repeat interval. This interval will be used for the duration of the ARQ session and will have some safety guard band (in the order of 100-200 ms or so)

This should work because the primary elements affecting the round trip delay measurement are:
1) RF Transit time (both directions) generally pretty small but could be over 100 ms
2) Leader time at the station sending the ACK/NAK (Leader length is a function of VOX or non VOX operation)
3) OS and sound card latency at both ends (Captured sound card data is buffered at least 1 symbol (~ 21 ms) at each end but can occasionally (Windows is not a true Real time OS) be a couple symbols longer than that.
4) CPU Processing speed. After a full frame is received by the IRS it must be decoded (Viterbi Decoder) and the correct reply composed and queued to the sound card. Depending on the CPU this adds some time but normally < 50 ms.

While Items 3 and 4 are somewhat variable depending on the CPU loading They can be handled with a fairly small margin of 100 to 200 ms and still be safe (that pad or margin has a relatively small impact on net throughput ...perhaps 3-5 %).

The next release will include an automatic calculation of this delay (calculate independently for each end) and use those values during the ARQ session. A new optimum delay will be computed for each end on each ARQ connect.

FYI WINMOR uses a similar procedure to measure and adjust for round trip delay.

Now as for your comment on “Adaptive timers become very important when there are multiple stations on the same frequency.” I don’t think this really applies to those modes that do not share frequency (Pactor, Amtor, V4, WINMOR etc). Those mode unlike Packet are not designed to run simultaneous connections on the same frequency. Supporting multiple connections on one frequency adds a large amount of overhead (e.g. HF Packet for example) and was never intended for V4. Trying to run two connections on the same frequency results in total chaos for the protocol as it does for most single connection ARQ protocols above.

73,

Rick KN6KB

From: ham
Sent: Friday, June 24, 2011 1:28 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: V4Chat client v 0.3.0.0 endlessly transmitting 16 characters

Rick:

I had a QSO with Robert last night and we both had the issue with the constant repeats. Also, please consider using adapter timers as I suggested in a previous post.

Have a look at:
http://www.icao.int/anb/Panels/ACP/ATNP/Meetings/wg2/wps/w2wp345.pdf

Adaptive timers become very important when there are multiple stations on the same frequency.

Regards,
Bernie

--- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Robert,
>
> The fix is that the software should prevent you from ever sending data in ARQ mode unless connected. That will be in the next release. In ARQ mode there is always a timeout while connected.
>
> Thanks for the feedback.
>
> Rick KN6KB
>
>
> From: Robert Belize
> Sent: Friday, June 24, 2011 10:55 AM
> To: mailto:V4Protocol%40yahoogroups.com
> Subject: [V4Protocol] Re: V4Chat client v 0.3.0.0 endlessly transmitting 16 characters
>
>
> Rick,
>
> the reason I have set the ARQ time out timer to 30 sec was, to check if there was any routine in your code what would stop the transmitter sending 16 Character endlessly (there is no watchdog) , resulting finally in overheating.
> I have seen those 16 characters sent by other stations, unaware of it.
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> 73'
> Robert V31AE
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> >
> > Robert V31AE
> >
>

1220. Re: [V4Protocol] V4Chat client v 0.3.0.0

Yahoo group: V4Protocol
Date: 2011-06-24 19:00:13 UTC
From: Lee
Topic: 1206 Message: 1220

For those of you who are having solid ARQ chats on V4, I would be interested to know the location of the two stations in ARQ qso, the distance between the two stations, the band being worked and the local time of day the qso is taking place along with a report of noise conditions. Obviously the software is working but not for everyone. I'd like to think that most if not all stations are operating radios that drop out of transmit quickly enough to get a good decode on ACK/NAK responses. I think my inability to carry on an ARQ chat is mainly due to poor band conditions. Oddly enough the other night I carried on an ARQ qso around 0500z on 20 meters between Dallas, TX and Long Island, NY. using mode ALE400. The qso lasted 45 minutes until the band finally died out.

1221. Re: [V4Protocol] Re: V4Chat client v 0.3.0.0 endlessly transmitting 16 characters

Yahoo group: V4Protocol
Date: 2011-06-24 19:14:32 UTC
From: Ian Wade G3NRW
Topic: 1207 Message: 1221

From: Rick Muething <rmuething@...>
Date: Fri, 24 Jun 2011 Time: 14:01:15

>Supporting multiple
>connections on one frequency adds a large amount of overhead (e.g. HF
>Packet for example) and was never intended for V4. Trying to run two
>connections on the same frequency results in total chaos for the protocol
>as it does for most single connection ARQ protocols above.

Rick

I don't think I ever expected V4 to handle more than one ARQ connection
at a time. But can V4 handle multiple ACKs on a busy frequency arising
from many different (unrelated) connections, ignoring all ACKs other
than the one it expects to hear at any given time?

Or is it possible for V4 to erroneously respond to an ACK belonging to
another (unrelated) connection?

--
73
Ian, G3NRW

1222. Re: [V4Protocol] Re: V4Chat client v 0.3.0.0 endlessly transmitting 16 characters

Yahoo group: V4Protocol
Date: 2011-06-24 20:53:04 UTC
From: Rick Muething
Topic: 1207 Message: 1222

Ian,

V4 currently does not “Connection Encode” the ACK/NAK (actually only ACKs and IDLs are critical). That could be done by for example including an extra data field in the ACK that is some hash of the two connected call signs. WINMOR does this because it was necessary to reliably transfer compressed binary blocks but it adds significant over head on the ACK so I wanted to avoid this on V4. If it really turns out to be a problem it could be added at the expense of sending an extra 8-16 bits Plus FEC (probably an extra 300-400 ms or so) to the ACK. However since V4 is not sending blocks of compressed binary data and will not work well with multiple sessions on the same frequency it seems to be an unnecessary overhead. Without using spread spectrum or time share mechanisms it is not really possible to have multiple connections on the same frequency. The same applies for PSK31 or most other modes.

In an ARQ mode you want to keep the ACKs as simple and short as possible to maximize the likelihood of detection and minimize the overhead. Adding additional data and strong FEC really negatively impacts throughput especially when trying to keep the frame length short (for “slickness”) as in V4.

In short all engineering is a compromise! Anything can be made more fault tolerant but then again its important to remember that someone once joked that an Elephant is a good example of a fault tolerant mouse!

Rick KN6KB

From: Ian Wade G3NRW
Sent: Friday, June 24, 2011 3:14 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: V4Chat client v 0.3.0.0 endlessly transmitting 16 characters

From: Rick Muething <mailto:rmuething%40cfl.rr.com>
Date: Fri, 24 Jun 2011 Time: 14:01:15

>Supporting multiple
>connections on one frequency adds a large amount of overhead (e.g. HF
>Packet for example) and was never intended for V4. Trying to run two
>connections on the same frequency results in total chaos for the protocol
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at a time. But can V4 handle multiple ACKs on a busy frequency arising
from many different (unrelated) connections, ignoring all ACKs other
than the one it expects to hear at any given time?

Or is it possible for V4 to erroneously respond to an ACK belonging to another (unrelated) connection?

--
73
Ian, G3NRW

1223. V4Chat client v 0.3.0.0

Yahoo group: V4Protocol
Date: 2011-06-25 00:22:40 UTC
From: Paul Whitaker
Topic: 1206 Message: 1223

Hi Rick,
We are using V4Chat with good success in Melbourne Australia.
My hat off to you for the development. I am constantly amazed at the dedicated & expert people who are involved in AR.
Further, your hands on approach with the others using the protocol is commendable.

I am using Icom IC706 with home made interface. I also was able to replicate the error after sending test tone. Easily stopped.
At this stage, there are 3 of us in the group using the protocol, but we are working on getting more up and running.

I have one question, is there a way to get a 'Beacon' type CQ transmission happening ? It would be useful for achieving recognition, possibly to cancel when signal received.

Keep up the great work. It is looking most useful for our EMCOMM group - Net operations, coupled with WINmor for EMail. Pity its not all in the one package !

Cheers '73

Paul Whitaker.
VK3DPW
WICEN (Vic) Division CoOrdinator.

1224. Re: [V4Protocol] Re: V4Chat client v 0.3.0.0 endlessly transmitting 16 characters

Yahoo group: V4Protocol
Date: 2011-06-25 06:16:48 UTC
From: Ian Wade G3NRW
Topic: 1207 Message: 1224

From: Rick Muething <rmuething@...>
Date: Fri, 24 Jun 2011 Time: 16:53:04

> Without using spread spectrum or time share mechanisms it is not
>really possible to have multiple connections on the same frequency. The
>same applies for PSK31 or most other modes.
>

Hi Rick

All understood. However, I am not suggesting you should *intentionally*
handle multiple connections on the same frequency. My question was
whether V4 could *unintentionally* respond to multiple ACKs on the same
frequency when those ACKs belong to other connections -- just too many
stations on the frequency at the same time.

--
73
Ian, G3NRW

1225. Re: Newbie question: what is "Incorrect mode (ARQCONNECT CQ) ???

Yahoo group: V4Protocol
Date: 2011-06-25 07:59:42 UTC
From: sp5isz
Topic: 1198 Message: 1225

Thanks to all who replied to my request for info. With the patch applied and necessary ARQ ritual obeyed, I seem to be able to listen and transmit from within V4 Chat. Is there any usual time / frequency where I could try the new toy in real action?

73/Marek sp5isz

--- In V4Protocol@...m, "Rick Muething" <rmuething@...> wrote:
>
> Thanks,
>
> Iâ☐☐ll look at this and correct in the next release.
>
> Rick KN6KB
>

1226. Re: [V4Protocol] V4Chat client v 0.3.0.0

Yahoo group: V4Protocol
Date: 2011-06-25 08:58:08 UTC
From: Rick Muething
Topic: 1206 Message: 1226

Thanks Paul,

I hope to have a new release out this week to address some of these issues. However I am reluctant to create or enable any automatic “beacon” or CQ on HF. With widespread use these can be huge QRM generators and we don’t need more of that! The concept behind V4 Chat and the V4 Protocol is that it is an active live keyboard mode. There are already modes (like WINMOR) for message passing and continuous automatic server operation.

73,

Rick KN6KB

1227. Noobie Question for ARQ

Yahoo group: V4Protocol
Date: 2011-06-25 20:03:35 UTC
From: wb4son
Topic: 1227 Message: 1227

Twice I have called CQ on 14073 and been answered by stations. I can hear the ACKs, it seems to be fine. My station is tagged as the ISS on the TNC screen.

So, my question is this, what other than <Ctrl><Return> is needed to get anything sent out? I type into the textbox and hit <Ctrl><Return> to try and send it. The text then appears in the same text box with the connection status information, but the "Bytes queued" ont he upper right of the TNC window remains at zero. Eventually the connection times out after a long period of both ISS and IRS acking back and forth.

And since I've never had a QSO work before, what is it that changes from ISS to IRS? Is it the <Ctrl><Return> that initiates transmission then presumably when the buffer goes to zero switches to IRS?

Sorry to be so thick -- maybe it is just bad propagation, but the second time, the signals were quite strong and looked decent on the waterfall.

73, Bob, WB4SON

PS running 0.3.0.0 Chat and 0.3.0.1 TNC

1228. Re: [V4Protocol] V4Chat client v 0.3.0.0

Yahoo group: V4Protocol
Date: 2011-06-26 07:34:55 UTC
From: Paul Whitaker
Topic: 1206 Message: 1228

>Hi Rick,
>All understood re: Beacon.

Look forward to the next release...

Thanks

Paul Whitaker.
VK3DPW

1229. Re: V4Chat client v 0.3.0.0 endlessly transmitting 16 characters

Yahoo group: V4Protocol
Date: 2011-06-26 12:21:59 UTC
From: la7um
Topic: 1207 Message: 1229

Rick. Interesting descriptions of the "round trip calculations, starting by measurements". I recognize your ideas. By the way nice & informative PPT. 73 La7um Finn

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Bernie,
>
> I looked at the document and while it is aimed at typical network type timing there are some areas for adapting to use a variable timer. The next revision of software will include a mechanism that measures the round trip delay and use that to optimize the timer value. What I call the round trip delay is this:
> Start Round Trip measurement when the ISS station releases its PTT signal
> Measure time (true resolution about 10 ms) until the ACK or NAK of the responding station is received. There is still a timeout on this (larger than any normal reply value) in case there is a lost ACK or NAK.
> Use that measured time to create a new more optimum (shorter) ARQ repeat interval. This interval will be used for the duration of the ARQ session and will have some safety guard band (in the order of 100-200 ms or so)
>
> This should work because the primary elements affecting the round trip delay measurement are:
> 1) RF Transit time (both directions) generally pretty small but could be over 100 ms
> 2) Leader time at the station sending the ACK/NAK (Leader length is a function of VOX or non VOX operation)
> 3) OS and sound card latency at both ends (Captured sound card data is buffered at least 1 symbol (~ 21 ms) at each end but can occasionally (Windows is not a true Real time OS) be a couple symbols longer than that.
> 4) CPU Processing speed. After a full frame is received by the IRS it must be decoded (Viterbi Decoder) and the correct reply composed and queued to the sound card. Depending on the CPU this adds some time but normally < 50 ms.
>
> While Items 3 and 4 are somewhat variable depending on the CPU loading They can be handled with a fairly small margin of 100 to 200 ms and still be safe (that pad or margin has a relatively small impact on net throughput ...perhaps 3-5 %).
>
> The next release will include an automatic calculation of this delay (calculate independently for each end) and use those values during the ARQ session. A new optimum delay will be computed for each end on each ARQ connect.
>
> FYI WINMOR uses a similar procedure to measure and adjust for round trip delay.
>
> Now as for your comment on â□□Adaptive timers become very important when there are multiple stations on the same frequency.â□□ I donâ□□t think this really applies to those modes that do not share frequency (Pactor, Amtor, V4, WINMOR etc). Those mode unlike Packet are not designed to run simultaneous connections on the same frequency. Supporting multiple connections on one frequency adds a large amount of overhead (e.g. HF Packet for example) and was never intended for V4. Trying to run two connections on the same frequency results in total chaos for the protocol as it does for most single connection ARQ protocols above.
>
> 73,
>
> Rick KN6KB

>
>
>
> From: ham
> Sent: Friday, June 24, 2011 1:28 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: V4Chat client v 0.3.0.0 endlessly transmitting 16 characters
>
>
>
>
> Rick:
>
> I had a QSO with Robert last night and we both had the issue with the constant repeats. Also, please consider using adapter timers as I suggested in a previous post.
>
> Have a look at:
> http://www.icao.int/anb/Panels/ACP/ATNP/Meetings/wg2/wps/w2wp345.pdf
>
> Adaptive timers become very important when there are multiple stations on the same frequency.
>
> Regards,
> Bernie
>
> --- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> >
> > Robert,
> >
> > The fix is that the software should prevent you from ever sending data in ARQ mode unless connected. That will be in the next release. In ARQ mode there is always a timeout while connected.
> >
> > Thanks for the feedback.
> >
> > Rick KN6KB
> >
> >
> > From: Robert Belize
> > Sent: Friday, June 24, 2011 10:55 AM
> > To: mailto:V4Protocol%40yahoogroups.com
> > Subject: [V4Protocol] Re: V4Chat client v 0.3.0.0 endlessly transmitting 16 characters
> >
> >
> > Rick,
> >
> > the reason I have set the ARQ time out timer to 30 sec was, to check if there was any routine in your code what would stop the transmitter sending 16 Character endlessly (there is no watchdog) , resulting finally in overheating.
> > I have seen those 16 characters sent by other stations, unaware of it.
> >
> > In my opinion, the client should not provide the possibility by mistake, to send out (transmit) 16 characters, without

being connected.
> >
> > 73'
> > Robert V31AE
> >
> > --- In mailto:V4Protocol%40yahoogroups.com, "Robert Belize" <robertbelize@> wrote:
> > >
> > > Rick,
> > >
> > > I should have added that ARQ timeout is set to (30) sec, and AutoId is off. I started the sequence 5 minutes ago, and it is still repeating/transmitting the 16 characters.
> > >
> > > Robert V31AE
> > >
> >
>

1230. AW: [V4Protocol] Re: V4Chat client v 0.3.0.0 endlessly transmitting 16 characters

Yahoo group: V4Protocol
Date: 2011-06-26 12:28:53 UTC
From: Siegfried Jackstien
Topic: 1207 Message: 1230

```
..... not to forget the time on receive and transmit if someone uses an sdr radio .... that
also would ad in the calculation time
Dg9bfc
Sigi
```

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von la7um
> Gesendet: Sonntag, 26. Juni 2011 12:22
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Re: V4Chat client v 0.3.0.0 endlessly transmitting
> 16 characters
>
>
>
> Rick. Interesting descriptions of the "round trip calculations, starting
> by measurements". I recognize your ideas. By the way nice & informative
> PPT. 73 La7um Finn
>
> --- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> ,
> "Rick Muething" <rmuething@...> wrote:
> >
> > Bernie,
> >
> > I looked at the document and while it is aimed at typical network type
> timing there are some areas for adapting to use a variable timer. The next
> revision of software will include a mechanism that measures the round trip
> delay and use that to optimize the timer value. What I call the round trip
> delay is this:
> > Start Round Trip measurement when the ISS station releases its PTT
> signal
> > Measure time (true resolution about 10 ms) until the ACK or NAK of the
> responding station is received. There is still a timeout on this (larger
> than any normal reply value) in case there is a lost ACK or NAK.
> > Use that measured time to create a new more optimum (shorter) ARQ repeat
> interval. This interval will be used for the duration of the ARQ session
> and will have some safety guard band (in the order of 100-200 ms or so)
> >
> > This should work because the primary elements affecting the round trip
> delay measurement are:
> > 1) RF Transit time (both directions) generally pretty small but could be
> over 100 ms
> > 2) Leader time at the station sending the ACK/NAK (Leader length is a

> function of VOX or non VOX operation)
> > 3) OS and sound card latency at both ends (Captured sound card data is
> buffered at least 1 symbol (~ 21 ms) at each end but can occasionally
> (Windows is not a true Real time OS) be a couple symbols longer than that.
> > 4) CPU Processing speed. After a full frame is received by the IRS it
> must be decoded (Viterbi Decoder) and the correct reply composed and
> queued to the sound card. Depending on the CPU this adds some time but
> normally < 50 ms.
> >
> > While Items 3 and 4 are somewhat variable depending on the CPU loading
> They can be handled with a fairly small margin of 100 to 200 ms and still
> be safe (that pad or margin has a relatively small impact on net
> throughput ...perhaps 3-5 %).
> >
> > The next release will include an automatic calculation of this delay
> (calculate independently for each end) and use those values during the ARQ
> session. A new optimum delay will be computed for each end on each ARQ
> connect.
> >
> > FYI WINMOR uses a similar procedure to measure and adjust for round trip
> delay.
> >
> > Now as for your comment on â€œAdaptive timers become very important when
> there are multiple stations on the same frequency.â€□ I donâ€™t think this
> really applies to those modes that do not share frequency (Pactor, Amtor,
> V4, WINMOR etc). Those mode unlike Packet are not designed to run
> simultaneous connections on the same frequency. Supporting multiple
> connections on one frequency adds a large amount of overhead (e.g. HF
> Packet for example) and was never intended for V4. Trying to run two
> connections on the same frequency results in total chaos for the protocol
> as it does for most single connection ARQ protocols above.
> >
> > 73,
> >
> > Rick KN6KB
> >
> >
> >
> > From: ham
> > Sent: Friday, June 24, 2011 1:28 PM
> > To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > Subject: [V4Protocol] Re: V4Chat client v 0.3.0.0 endlessly transmitting
> 16 characters
> >
> >
> >
> >
> > Rick:
> >

> > I had a QSO with Robert last night and we both had the issue with the
> constant repeats. Also, please consider using adapter timers as I
> suggested in a previous post.
> >
> > Have a look at:
> > http://www.icao.int/anb/Panels/ACP/ATNP/Meetings/wg2/wps/w2wp345.pdf
> >
> > Adaptive timers become very important when there are multiple stations
> on the same frequency.
> >
> > Regards,
> > Bernie
> >
> > --- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@>
> wrote:
> > >
> > > Robert,
> > >
> > > The fix is that the software should prevent you from ever sending data
> in ARQ mode unless connected. That will be in the next release. In ARQ
> mode there is always a timeout while connected.
> > >
> > > Thanks for the feedback.
> > >
> > > Rick KN6KB
> > >
> > >
> > > From: Robert Belize
> > > Sent: Friday, June 24, 2011 10:55 AM
> > > To: mailto:V4Protocol%40yahoogroups.com
> > > Subject: [V4Protocol] Re: V4Chat client v 0.3.0.0 endlessly
> transmitting 16 characters
> > >
> > >
> > > Rick,
> > >
> > > the reason I have set the ARQ time out timer to 30 sec was, to check
> if there was any routine in your code what would stop the transmitter
> sending 16 Character endlessly (there is no watchdog) , resulting
> finally in overheating.
> > > I have seen those 16 characters sent by other stations, unaware of it.
> > >
> > > In my opinion, the client should not provide the possibility by
> mistake, to send out (transmit) 16 characters, without being connected.
> > >
> > > 73'
> > > Robert V31AE
> > >
> > > --- In mailto:V4Protocol%40yahoogroups.com, "Robert Belize"

> <robertbelize@> wrote:
> > > >
> > > > Rick,
> > > >
> > > > I should have added that ARQ timeout is set to (30) sec, and AutoId
> is off. I started the sequence 5 minutes ago, and it is still
> repeating/transmitting the 16 characters.
> > > >
> > > > Robert V31AE
> > > >
> > >
> >
>
>
>
>

1231. [V4Protocol] QRV now V4 10131KHZ

Yahoo group: V4Protocol
Date: 2011-06-26 22:02:52 UTC
From: Dick Lamberson
Topic: 1231 Message: 1231

Anyone for QSO using ARQ on 10131KHZ?
I'll be there from 6 p.m. e.t. (2200Z) for about 1 1/2 hours.
Thanks,
Dick, W4WEB

1232. V4 ARQ QRV now 14073

Yahoo group: V4Protocol
Date: 2011-06-27 13:52:54 UTC
From: oh7te
Topic: 1232 Message: 1232

Looking test partners... 73 "Yussi" OH7TE

1233. V4: Hrd today

Yahoo group: V4Protocol
Date: 2011-06-27 22:07:38 UTC
From: Juhani
Topic: 1233 Message: 1233

W4WEB, G3WKW, WB0KGN, EA3AQS,KB0E,DL5SWB. Most only monitoring because repair of my motorcycle (JAWA 350 cc!)tyres. Wkd G3WKW but "half of QSO" agn...
73 Yussi OH7TE

1234. ..and V31AE 2 min ago

Yahoo group: V4Protocol
Date: 2011-06-27 22:09:27 UTC
From: Juhani
Topic: 1234 Message: 1234

all 14073. BR & 73 Yussi OH7TE

1235. Calling CQ on 7070 now.

Yahoo group: V4Protocol
Date: 2011-06-28 10:21:18 UTC
From: vk2icq
Topic: 1235 Message: 1235

Hi folks,

It's 10.20GMT and I'm listening and calling CQ on 7070 re V4 I installed tonight.

1236. Re: [V4Protocol] V4: Hrd today

Yahoo group: V4Protocol
Date: 2011-06-28 15:03:17 UTC
From: Ed Woods WD9DVA
Topic: 1233 Message: 1236

we copied EA3AQS at 242055z on a B&W at abt 38 ft, 75W. also KB0E. we try 40 as well as 20 but no one is hearing us. 73 Ed WD9DVA
----- Original Message -----
From: Juhani
To: V4Protocol@yahoogroups.com
Sent: Monday, June 27, 2011 22:07
Subject: [V4Protocol] V4: Hrd today

W4WEB, G3WKW, WB0KGN, EA3AQS,KB0E,DL5SWB. Most only monitoring because repair of my motorcycle (JAWA 350 cc!)tyres. Wkd G3WKW but "half of QSO" agn...
73 Yussi OH7TE

1237. Re: [V4Protocol] Noobie Question for ARQ

Yahoo group: V4Protocol
Date: 2011-06-28 17:15:38 UTC
From: Bob
Topic: 1227 Message: 1237

Please, NOBODY has any help for a new V4 user?

I did read the manual section for ARQ and it says that <Ctrl><Return> should shift to the xmit buffer, but that does not appear to be happening in my case. Is there something obvious that I've failed to do?

Sorry to be a pest, but I don't want to try this again on the air until I figure out what stupid thing I'm doing that is wrong.

73, Bob, WB4SON

1238. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-28 17:16:44 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1238

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4ChatSetup 0.3.0.1.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4 Chat Full install with V4 TNC 0.3.0.1

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4ChatSetup%200.3.0.1.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1239. Re: [V4Protocol] Noobie Question for ARQ

Yahoo group: V4Protocol
Date: 2011-06-28 17:23:30 UTC
From: Rick Muething
Topic: 1227 Message: 1239

Bob,
Let me suggest you download and install the latest version which I just uploaded 0.3.0.1. You will have to uninstall your current version and re install the new one. None of your settings will be lost.

The new and current rules are fairly simple:
1) You can't send FEC text in ARQ mode UNLESS you are connected. Read about calling a CQ or calling another station in the Help. If you try and enter text and transfer it to the outbound queue (buffer) in ARQ mode while you are NOT connected you will get an error message box.

2) You can always send text in FEC mode or in ARQ mode if connected by entering the text and typing Ctrl <Return> Hold control down while you hit return.

Remember you can do all this without transmitting for practice simply by turning off the radio. The sound card should still work. If you select your local windows sound card and speakers you can also hear the audio for practice if desired.

Rick KN6KB

From: Bob
Sent: Tuesday, June 28, 2011 1:15 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Noobie Question for ARQ

Please, NOBODY has any help for a new V4 user?

I did read the manual section for ARQ and it says that <Ctrl><Return> should shift to the xmit buffer, but that does not appear to be happening in my case. Is there something obvious that I've failed to do?

Sorry to be a pest, but I don't want to try this again on the air until I figure out what stupid thing I'm doing that is wrong.

73, Bob, WB4SON

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1388 / Virus Database: 1516/3731 - Release Date: 06/28/11

1240. Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-28 17:33:26 UTC
From: Bob Thornton
Topic: 43 Message: 1240

Rick,
The link to the file appears broken and there no full instal of any version visible. Is it Yahoo or is something wrong?

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, V4Protocol@yahoogroups.com wrote:
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the V4Protocol
> group.
>
> File : /V4ChatSetup 0.3.0.1.zip
> Uploaded by : kn6kb <rmuething@...>
> Description : V4 Chat Full install with V4 TNC 0.3.0.1
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/V4Protocol/files/V4ChatSetup%200.3.0.1.zip
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> Regards,
>
> kn6kb <rmuething@...>
>

1241. New Update 0.3.0.1

Yahoo group: V4Protocol
Date: 2011-06-28 17:33:47 UTC
From: Rick Muething
Topic: 43 Message: 1241

All,

I have posted the latest update 0.3.0.1 Please read the revision history for details of changes from prior versions. You will have to uninstall your existing version and re install using the new Install contained in the zip file. None of your settings will be lost. I would recommend trying different squelch settings to determine which works best. Normal range should be values of 3 to 7 with 5 a good starting point. You set the squelch level on the V4 TNC form.

I had a serious problem with my laptop which crept into my development computer due to a damn virus (snuck in via the WiFi network at the RV park despite current Anti virus program). This will require that I rebuild both computers and re install all the development software so it may be a week or so before I can make any new updates.

FWIW if I ever find one of these virus writers he/she will have to re learn how to type with their elbows!

73,

Rick KN6KB

V4 TNC Revision History

Date Rev # Summary ofChanges

June 20, 2011 0.3.0.1 Add blnARQCQ to block inadvertent ACK while calling CQ
Add function AcquireSymbolSync to V4Demod to use FSF filtered values to determine sync (more accuracy)
Modify function SearchForAMLeader47B2 to only do Tone search and call AcquireSymbolSync only when
Threshold criterial are met.
Added variable intMeasuredPTToffToACKDelay to calculate actual ACK Delay in ARQ mode. Modify
intARQSpacing based on the measured intMeasuredPTToffToACKDelay value.
Test for Two Tone, loop back and CW ID now disable those menus until completed
Two Tone test no longer changes mode to FEC

June 24 2011 0.3.0.1 Add test and message box to prevent Calling CQ or Station if already connected
Add test and message bos to prevent sending Text in ARQ mode if not connnected.

1242. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-28 17:47:15 UTC
From: Ed Woods WD9DVA
Topic: 43 Message: 1242

Hey the fille is not at the indicated location. 73 Ed WD9DVA
----- Original Message -----
From: V4Protocol@yahoogroups.com
To: V4Protocol@yahoogroups.com
Sent: Tuesday, June 28, 2011 17:16
Subject: [V4Protocol] New file uploaded to V4Protocol

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4ChatSetup 0.3.0.1.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4 Chat Full install with V4 TNC 0.3.0.1

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4ChatSetup%200.3.0.1.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1243. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-28 19:07:49 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1243

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4ChatSetup 0.3.0.1.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4 Chat 0.3.0.1 Full install with V4 TNC

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4ChatSetup%200.3.0.1.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1244. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-28 19:10:48 UTC
From: Rick Muething
Topic: 43 Message: 1244

Well it was there....I re loaded it again

Rick KN6KB

1245. Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-06-28 20:10:19 UTC
From: Bob Thornton
Topic: 43 Message: 1245

Yes it's there. What is not there now is the "Read me First" document. Probably not important for those who have done it before or so I thought before I lost my basic settings. But Newbies might welcome it.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Well it was there....I re loaded it again
>
> Rick KN6KB
>

1246. V4Chat v 0.3.0.1 ARQ test

Yahoo group: V4Protocol
Date: 2011-06-29 02:03:57 UTC
From: Robert Belize
Topic: 1246 Message: 1246

This is what I have observed.

My setup: Station 1: Laptop / SignaLink / IC-746 / low rf power (V31AE)Station 2: PC / SignaLink/ TS-140S/ low rf power (V31TST) is a test call sign only)
Both station are setup side by side.
* Both station are in ARQ mode stby (disconnected IRS)
* Station 1 call station 2
* Connected
* Station 1 sends text "line 1"
* Station 2 receives and reply's with "line 1 V31TST"
* Station 1 sends text "line 2"
* Station 2 receives and reply's with "line 2 V31TST"

Both TNC show accordingly IRS or ISS or ISS >IRS, text flows, no problems..
Now, if I start typing text into station 1 and into station 2 at the same time , and repeat that, problems will start.

* Both TNC's show Status: IRS>ISS (it will not change)
* On both TNC the busy indicator is permanently "on"
* Both TNC's show: 0 bytes cued
* Both TNC constellation windows are black

Nothing happens anymore. Both station idle out after the set time of 180 sec.
Robert V31AE

1247. Re: [V4Protocol] Noobie Question for ARQ

Yahoo group: V4Protocol
Date: 2011-06-29 02:19:35 UTC
From: Bob
Topic: 1227 Message: 1247

Hi Rick,

Thanks so much for responding. I am running 0.3.0.1 of the TNC software.

I do see a 'connected to message' in the ARQ mode when someone responds to my CQ and I can hear the radio ACKs chirping away on his end, so it is connected. The TNC screen says I am the ISS, so that means I should be capable of sending data..

As you suggested I am typing my text then sending <Ctrl><Return> to transfer it. I see it appear in the upper text box when I do that, so I think I've done the right thing. However the buffer count doesn't change from zero (maybe it sent it so quickly?), and I never see the other station type anything. Also the chirping between my radio and his doesn't change -- it isn't sending anything new. So it sort of sounds like I am doing the correct things, but for some reason things just aren't working out between the stations.

RF level, ALC level, and monitor receiver show that I am sending tones. In fact the very fact that I can call CQ in ARQ mode, will see someone show up on the constellation display and see a connected message seems to imply that all the rig related issues are fine. There are no error messages of any kind. It just sort of keeps chirping away for a minute or two until the other station drops out or I hit Abort.

I'll keep trying!

73, Bob, WB4SON

>
> *From:* Bob <wb4son@...>
> *Sent:* Tuesday, June 28, 2011 1:15 PM
> *To:* V4Protocol@...m
> *Subject:* Re: [V4Protocol] Noobie Question for ARQ
>
>
>
> Please, NOBODY has any help for a new V4 user?
>
> I did read the manual section for ARQ and it says that <Ctrl><Return>
> should shift to the xmit buffer, but that does not appear to be happening in
> my case. Is there something obvious that I've failed to do?
>
> Sorry to be a pest, but I don't want to try this again on the air until I
> figure out what stupid thing I'm doing that is wrong.
>
> 73, Bob, WB4SON

>
> ------------------------------
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1388 / Virus Database: 1516/3731 - Release Date: 06/28/11
>
>
>

1248. RE: [V4Protocol] Noobie Question for ARQ

Yahoo group: V4Protocol
Date: 2011-06-29 04:07:42 UTC
From: Lee Swanson
Topic: 1227 Message: 1248

I read all the V4 Protocol traffic and try to learn all I can from everyone's input concerning the ARQ connect issues that several of us are having. Rick just might be on to something with what he mentioned recently on "soundcard latency"... That would explain to some degree why some stations are having good ARQ exchanges and others are not. I am one of those who is NOT.. I could very easily be a slow soundcard along with noisy and poor band conditions. I too, am one who notices during an ARQ attempt that a connection indication takes place but after that, no data flow, no bold black print and a "star-less" constellation display indicating the lack of decoding. I seem to copy good CQ calls when signals are fairly loud and free of static crashes. 20 and 17 meters have been pretty quiet lately. 40 meters, well, you all know all about the nighttime noise on 7mhz. The tnc appears to decode very well under fairly quiet band conditions but even then, an ARQ exchange on this end has been near ZERO thus far. I will add, when I first installed and early version, I did SEE.....about 5 characters of BOLD BLACK text and that has been all the error corrected copy I have experienced. This is part of what makes amateur radio so much fun, the experimentation, trial, error...and for some.....success!! I remain confident.... V4 Chat will ROCK.....

To: V4Protocol@yahoogroups.com
From: wb4son@...
Date: Tue, 28 Jun 2011 22:19:35 -0400
Subject: Re: [V4Protocol] Noobie Question for ARQ

Hi Rick,

Thanks so much for responding. I am running 0.3.0.1 of the TNC software.

I do see a 'connected to message' in the ARQ mode when someone responds to my CQ and I can hear the radio ACKs chirping away on his end, so it is connected. The TNC screen says I am the ISS, so that means I should be capable of sending data..

As you suggested I am typing my text then sending <Ctrl><Return> to transfer it. I see it appear in the upper text box when I do that, so I think I've done the right thing. However the buffer count doesn't change from zero (maybe it sent it so quickly?), and I never see the other station type anything. Also the chirping between my radio and his doesn't change -- it isn't sending anything new. So it sort of sounds like I am doing the correct things, but for some reason things just aren't working out between the stations.

RF level, ALC level, and monitor receiver show that I am sending tones. In fact the very fact that I can call CQ in ARQ mode, will see someone show up on the constellation display and see a connected message seems to imply that all the rig related issues are fine. There are no error messages of any kind. It just sort of keeps chirping away for a minute or two until the other station drops out or I hit Abort.

I'll keep trying!

73, Bob, WB4SON

From: Bob
Sent: Tuesday, June 28, 2011 1:15 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Noobie Question for ARQ

Please, NOBODY has any help for a new V4 user?

I did read the manual
section for ARQ and it says that <Ctrl><Return> should shift to the
xmit buffer, but that does not appear to be happening in my case. Is there
something obvious that I've failed to do?

Sorry to be a pest, but I don't
want to try this again on the air until I figure out what stupid thing I'm doing
that is wrong.

73, Bob, WB4SON

No virus found in this
message.
Checked by AVG - www.avg.com
Version: 10.0.1388 / Virus
Database: 1516/3731 - Release Date:
06/28/11

1249. Re: V4Chat v 0.3.0.1 ARQ test

Yahoo group: V4Protocol
Date: 2011-06-29 08:01:41 UTC
From: Bob Thornton
Topic: 1246 Message: 1249

That sounds to me exactly what seems to happen in real QSO. It doesn't change mode smoothly.
Also last night while in a ARQ connected QSO with Jussi OH7TE I suddenly found a "Connected to V31AE" message. I am guessing we were both in separate QSO and not hearing each other and then a lift just crossed our wires. But no forced abort of the QSO with Jussi, so it felt wrong. I am sure Rick will repeat that V4 is for one QSO on one channel at one time, but that was clearly what both (or all 4!) parties thought they were having.
While watching a blank waterfall and getting a lot of red decodes on "noise" again, I was surprised to see one single frame suddenly appear in green error free text. I could not hear the signal at that time but clearly it was there.
Again while connected to Robert I had one decode of black bold text that was complete gibberish. Perhaps Robert was in despair!

I will look at the log, note the times of these events and send it on to Rick.

We probably need to be moving up a channel or 2 when a new release appears. Is a 200 Hz step sufficient or should we use 250Hz "channels". I guess it depends on the relative signal strengths.

--- In V4Protocol@yahoogroups.com, "Robert Belize" <robertbelize@...> wrote:
>
> This is what I have observed.
>
> My setup: Station 1: Laptop / SignaLink / IC-746 / low rf power
> (V31AE)Station 2: PC / SignaLink/ TS-140S/ low rf power (V31TST) is a
> test call sign only)
> Both station are setup side by side.
> * Both station are in ARQ mode stby (disconnected IRS)
> * Station 1 call station 2
> * Connected
> * Station 1 sends text "line 1"
> * Station 2 receives and reply's with "line 1 V31TST"
> * Station 1 sends text "line 2"
> * Station 2 receives and reply's with "line 2 V31TST"
>
> Both TNC show accordingly IRS or ISS or ISS >IRS, text flows, no
> problems..
> Now, if I start typing text into station 1 and into station 2 at the
> same time , and repeat that, problems will start.
>
> * Both TNC's show Status: IRS>ISS (it will not change)
> * On both TNC the busy indicator is permanently "on"
> * Both TNC's show: 0 bytes cued
> * Both TNC constellation windows are black
> Nothing happens anymore. Both station idle out after the set time of 180
> sec.

> Robert V31AE
>

1250. Re: [V4Protocol] V4Chat v 0.3.0.1 ARQ test

Yahoo group: V4Protocol
Date: 2011-06-29 11:55:07 UTC
From: Ted Trostle
Topic: 1246 Message: 1250

Robert when I connected with you yesterday afternoon and after the initial exchange I went into IRS and then finally it timed out. I will send Rick the logs so that maybe he can see something in the process.

Ted WB2LOU

On Tue, Jun 28, 2011 at 10:03 PM, Robert Belize <robertbelize@...>wrote:

> **
>
>
> This is what I have observed.
>
>
> My setup:
> Station 1: Laptop / SignaLink / IC-746 / low rf power (V31AE)
> Station 2: PC / SignaLink/ TS-140S/ low rf power (V31TST) is a test call
> sign only)
>
> Both station are setup side by side.
>
> - Both station are in ARQ mode stby (disconnected IRS)
> - Station 1 call station 2
> - Connected
> - Station 1 sends text "line 1"
> - Station 2 receives and reply's with "line 1 V31TST"
> - Station 1 sends text "line 2"
> - Station 2 receives and reply's with "line 2 V31TST"
>
>
> Both TNC show accordingly IRS or ISS or ISS >IRS, text flows, no
> problems..
>
> Now, if I start typing text into station 1 and into station 2 at the same
> time , and repeat that, problems will start.
>
>
> - Both TNC's show Status: IRS>ISS (it will not change)
> - On both TNC the busy indicator is permanently "on"
> - Both TNC's show: 0 bytes cued
> - Both TNC constellation windows are black
>
> Nothing happens anymore. Both station idle out after the set time of 180
> sec.
>
> Robert V31AE

>
>
>
>
>
>

--
You cannot change history, but you can make history !
Education is the only legal cure for stupidity.

1251. Re: [V4Protocol] V4Chat v 0.3.0.1 ARQ test

Yahoo group: V4Protocol
Date: 2011-06-29 12:28:45 UTC
From: Rick Muething
Topic: 1246 Message: 1251

Robert,

I am sorry but that word description of what you observed is of virtually useless value without the debug logs. You will have to send me debug logs if you want me to look into the problem at all. This is the way debugging is done.

73,

Rick KN6KB

Release Date: 06/28/11

1252. Re: [V4Protocol] Noobie Question for ARQ

Yahoo group: V4Protocol
Date: 2011-06-29 12:32:43 UTC
From: Rick Muething
Topic: 1227 Message: 1252

Lee,

There is no need or place for speculation. The debug log contains timing information to the nearest 10 ms. I doubt it is your sound card but your debug log will tell me exactly what the issues are.

Rick KN6KB

1253. V4 Chat Frequencies

Yahoo group: V4Protocol
Date: 2011-06-29 14:23:14 UTC
From: jgmags2000
Topic: 1253 Message: 1253

Hello group, what frequencies, (not just bands), are people using who are making ARQ work? I know 14.073 and 7.073. What are the others?

tnx, 73, John KJ1J

1254. Copying text in Session Rich Text Box

Yahoo group: V4Protocol
Date: 2011-06-29 14:45:03 UTC
From: jarhead65619
Topic: 1254 Message: 1254

Does anyone know of any reliable way to copy text that is received by your station that is in the Session Rich Text Box of the V4 Chat program? I know it is in the log file, but would be better if we could copy and paste from the program.

RAY KB0E

1255. Re: Copying text in Session Rich Text Box

Yahoo group: V4Protocol
Date: 2011-06-29 15:31:30 UTC
From: Bob Thornton
Topic: 1254 Message: 1255

Control+C seems to work for me. Certainly If I have called a station once and no reply I have copied and pasted between the two boxes.

--- In V4Protocol@yahoogroups.com, "jarhead65619" <ray.goodall@...> wrote:
>
> Does anyone know of any reliable way to copy text that is received by your station that is in the Session Rich Text Box of the V4 Chat program? I know it is in the log file, but would be better if we could copy and paste from the program.
>
> RAY KB0E
>

1256. Numeral 0

Yahoo group: V4Protocol
Date: 2011-06-29 16:42:46 UTC
From: David
Topic: 1256 Message: 1256

Why is it that the numeral 0 shows up between each word on received text? Is the space bar sending a 0 instead of a space?

Dave

1257. V4 CHAT

Yahoo group: V4Protocol
Date: 2011-06-29 18:25:25 UTC
From: MR WOODS.
Topic: 704 Message: 1257

Hi we think we're running ARQ it is 291620Z we're on 7073 dial usb. ANT is a B&W 90 at abt 38 feet with 100W. Prop sucks, so forget the DX. 73 Ed WD9DVA

1258. RE: [V4Protocol] Numeral 0

Yahoo group: V4Protocol
Date: 2011-06-29 20:28:18 UTC
From: Rick Muething
Topic: 1256 Message: 1258

Dave,

The only time a 0 is inserted is during a CQ or a call to another station. There is a specific format used to insure the sending and target call signs with their -ssid fit into the 16 character frame and the "0" indicates no -ssid an ssid of 1-15 would show as a 1 to F

Again as in 99% if the debugging we do.Including your debug log will provide me many many times the information that a word description in an email.

Rick KN6KB

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 9.0.901 / Virus Database: 271.1.1/3726 - Release Date: 06/28/11 14:34:00

1259. RE: [V4Protocol] Noobie Question for ARQ

Yahoo group: V4Protocol
Date: 2011-06-30 01:27:20 UTC
From: Lee Swanson
Topic: 1227 Message: 1259

Rick,
No worries mate, we'll focus on the debug logs from here on out...

Lee NR5G

To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Wed, 29 Jun 2011 08:32:43 -0400
Subject: Re: [V4Protocol] Noobie Question for ARQ

Lee,

There is no need or place for speculation. The debug log contains timing information to the nearest 10 ms. I doubt it is your sound card but your debug log will tell me exactly what the issues are.

Rick KN6KB

1260. Re: V4Chat v 0.3.0.1 ARQ test

Yahoo group: V4Protocol
Date: 2011-06-30 07:39:30 UTC
From: Robert Belize
Topic: 1246 Message: 1260

Rick

am sure, that everybody (nearly) involved in the V4Chat testing, experienced exactly what I have described earlier.

Robert V31AE

****

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Robert,
>
> I am sorry but that word description of what you observed is of virtually useless value without the debug logs. You will have to send me debug logs if you want me to look into the problem at all. This is the way debugging is done.
>
> 73,
>
> Rick KN6KB
>
> Release Date: 06/28/11
>

****
This is what I have observed.

My setup:
Station 1: Laptop / SignaLink / IC-746 / low rf power (V31AE)
Station 2: PC / SignaLink/ TS-140S/ low rf power (V31TST) is a test call sign only)

Both station are setup side by side.
Both station are in ARQ mode stby (disconnected IRS)
Station 1 call station 2
Connected
Station 1 sends text "line 1"
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Station 1 sends text "line 2"
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Both TNC show accordingly IRS or ISS or ISS >IRS, text flows, no problems..

Now, if I start typing text into station 1 and into station 2 at the same time , and repeat that, problems will start.

Both TNC's show Status: IRS>ISS (it will not change)
On both TNC the busy indicator is permanently "on"

Both TNC's show: 0 bytes cued
Both TNC constellation windows are black
Nothing happens anymore. Both station idle out after the set time of 180 sec.

Robert V31AE

1261. Re: V4Chat v 0.3.0.1 ARQ test

Yahoo group: V4Protocol
Date: 2011-06-30 07:42:32 UTC
From: Robert Belize
Topic: 1246 Message: 1261

Rick

I did sent you the debug logs....

73
Robert V31AE

****

--- In V4Protocol@yahoogroups.com, "Robert Belize" <robertbelize@...> wrote:
>
> Rick
>
> am sure, that everybody (nearly) involved in the V4Chat testing, experienced exactly what I have described earlier.
>
> Robert V31AE
>
> **********
>
> --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> >
> > Robert,
> >
> > I am sorry but that word description of what you observed is of virtually useless value without the debug logs. You will have to send me debug logs if you want me to look into the problem at all. This is the way debugging is done.
> >
> > 73,
> >
> > Rick KN6KB
> >
> > Release Date: 06/28/11
> >
>
> ***********
> This is what I have observed.
>
>
> My setup:
> Station 1: Laptop / SignaLink / IC-746 / low rf power (V31AE)
> Station 2: PC / SignaLink/ TS-140S/ low rf power (V31TST) is a test call sign only)
>
> Both station are setup side by side.
> Both station are in ARQ mode stby (disconnected IRS)
> Station 1 call station 2

> Connected
> Station 1 sends text "line 1"
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> Both TNC constellation windows are black
> Nothing happens anymore. Both station idle out after the set time of 180 sec.
>
> Robert V31AE
>

1262. Monitoring V4 from Southern California

Yahoo group: V4Protocol
Date: 2011-06-30 14:21:09 UTC
From: esack@pacbell.net
Topic: 1262 Message: 1262

W3NRG will be monitoring 7.073 mh from Coronado, CA from time to time in case anyone wants a V4 reception report from the Southern California area via internet.

73,

Ed

W3NRG

Coronado, CA

1263. [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-02 13:04:07 UTC
From: Matt Zilmer
Topic: 1232 Message: 1263

Anyone around and up for a V4 ARQ check out?

73,

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

1264. V$ on 10136

Yahoo group: V4Protocol
Date: 2011-07-02 13:22:32 UTC
From: Matt Zilmer
Topic: 1232 Message: 1264

Connected W4WEB for just a moment. Condx not grand here. Give it another try?
10136 V4, calling CQ.

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: v4protocol@yahoogroups.com
From: mzilmer@...
Date: Sat, 2 Jul 2011 07:04:07 -0600
Subject: [V4Protocol] V4 ARQ QRV now 10136

Anyone around and up for a V4 ARQ check out?

73,

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

1265. 7.070 looking for V4 contacts VK or DX

Yahoo group: V4Protocol
Date: 2011-07-03 09:41:03 UTC
From: vk2icq
Topic: 1265 Message: 1265

I am currently on K3UK DigitalRadio Sked Page.

Cheers,

Dave

1266. Re: [V4Protocol] 7.070 looking for V4 contacts VK or DX

Yahoo group: V4Protocol
Date: 2011-07-03 13:27:09 UTC
From: Paul Whitaker
Topic: 1265 Message: 1266

Hi Dave,
Sorry I havent had much time to play radio - School holidays and busy time for my business....
If you get time, please look for us (WICEN (Vic)) , Monday nights at 8.30pm, on 3627.8 dial, or 7037.8 dial, USB.
A couple of us are running V4Chat - VK3IFM and myself VK3DPW. Otherwise, Winmor PtoP will be in use.
You would be very welcome to participate.
Otherwise, give me a call during the day on my mobile, take pot luck, I may be able to come up.

Thanks

Paul Whitaker.
VK3DPW
0414 314025

1267. RE: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-03 14:00:40 UTC
From: Matt Zilmer
Topic: 1232 Message: 1267

A repeat from yesterday, for anyone interested.... 10136.0 MHz.

Anyone around and up for a V4 ARQ check out?

73,

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

1268. RE: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-03 14:06:52 UTC
From: Edgar Sack
Topic: 1232 Message: 1268
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Matt,

I'll be listening on 10136 dial USB this morning. Have a very poor 30 meter antenna - Hamstick, vertical - but if I see you on the screen I will let you know.

73,

Ed

W3NRG

Coronado, CA

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer
Sent: Sunday, July 03, 2011 7:01 AM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

A repeat from yesterday, for anyone interested.... 10136.0 MHz.

Anyone around and up for a V4 ARQ check out?

73,

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

1269. RE: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-03 14:14:02 UTC
From: Matt Zilmer
Topic: 1232 Message: 1269

Coronado and Upland are about 100 miles apart. Want to try 40m instead? Or 80m?

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: V4Protocol@yahoogroups.com
From: esack@...
Date: Sun, 3 Jul 2011 07:06:52 -0700
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

Hi Matt, I'll be listening on 10136 dial USB this morning. Have a very poor 30 meter antenna – Hamstick, vertical – but if I see you on the screen I will let you know. 73, Ed W3NRGCoronado, CA From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer
Sent: Sunday, July 03, 2011 7:01 AM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

A repeat from yesterday, for anyone interested.... 10136.0 MHz.

Anyone around and up for a V4 ARQ check out?

73,

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

1270. text

Yahoo group: V4Protocol
Date: 2011-07-03 14:55:45 UTC
From: DAVID
Topic: 1270 Message: 1270

have noticed on all versions, that when receiving and FEC CQ call, that the text is always run togeather with no spaces. think the space is being filled with the 0.

from the debug log:

011/07/03 14:39:10 {FEC Rcv} CQ0KB0E0
2011/07/03 14:39:15 {FEC Rcv} CQ0KB0E0
2011/07/03 14:39:20 {FEC Rcv} CQ0KB0E0
2011/07/03 14:39:26 {FEC Rcv} CQ0KB0E0
2011/07/03 14:39:31 {FEC Rcv} CQ0KB0E0
2011/07/03 14:39:36 {FEC Rcv} CQ0KB0E0

anyone ?

david/wd4kpd

ps...v301 still wanders off into God knows where during ARQ attempts.

1271. Re: [V4Protocol] text

Yahoo group: V4Protocol
Date: 2011-07-03 16:29:47 UTC
From: Rick Muething
Topic: 1270 Message: 1271

David/All,
This is exactly as designed. The Connect request and CQ frame have the same syntax and that syntax packs both call signs (including optional –ssid) into a 16 character frame. To do this a simple but effective and efficient coding scheme is used:
Characters 1-8 Target call sign defined as:
The call sign (up to 7 characters) + a following character 0-F . “0” defines no ssid used, “1” defines ssid of –1, ...”F” defines ssid of –15.
If a call sign with ssid desgnator is < 8 characters it is null padded (note a null is not the character “0” but a byte of value 0 which is not printable)
Characters 9-16 are as above but are for the calling call sign.
So “CQ0KB0E0” is really the 16 character string representing:
“C”, “Q”, “0”, nul,nul,nul,nul,nul,”K”,”B”,”0”,”E”,”0”,nul,nul,nul
and is interpreted as
Calling call sign “CQ” with no –ssid from call sign KB0E with no ssid
The syntax is exactly the same for one station calling another except the CQ is replaced by the target station call sign.
The software decodes the above as a connect request (if not connected) and checks the validity (proper MARS or HAM call sign) syntax. Since “CQ” is not a valid call sign there should never be a station that would answer a call to CQ. It serves the same purpose it does on CW or Phone...to indicated to any station listing that the calling station wishes to connect to anyone. It is followed by (just as in the CW or SSB case) with a return call to the station calling CQ.
It is possible to suppress the printing of such special decodes but in the interest of allowing monitoring it is displayed in both FEC and ARQ modes.
Hope this answers the question. I will make sure it is explained clearly in the protocol document.
Rick KN6KB

1272. RE: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-03 17:39:25 UTC
From: Edgar Sack
Topic: 1232 Message: 1272

Hi Matt,

My problem is the eternal condo antenna limitations problem. My antennas "hidden on the balcony" get out better as the

wavelengths get smaller.

If I were to try my 40 meter hamstick, what forty meter frequency appeals to you? 7,073?

73,

Ed

W3NRG

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer
Sent: Sunday, July 03, 2011 7:14 AM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

Coronado and Upland are about 100 miles apart. Want to try 40m instead? Or 80m?

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: V4Protocol@yahoogroups.com
From: esack@...
Date: Sun, 3 Jul 2011 07:06:52 -0700
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

Hi Matt,

I'll be listening on 10136 dial USB this morning. Have a very poor 30 meter antenna - Hamstick, vertical - but if I see you on the screen I will let you know.

73,

Ed

W3NRG

Coronado, CA

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer
Sent: Sunday, July 03, 2011 7:01 AM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

A repeat from yesterday, for anyone interested.... 10136.0 MHz.

Anyone around and up for a V4 ARQ check out?

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Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

1273. RE: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-03 17:43:47 UTC
From: Matt Zilmer
Topic: 1232 Message: 1273

I'm on 7075 right now.

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: V4Protocol@yahoogroups.com
From: esack@...
Date: Sun, 3 Jul 2011 10:39:25 -0700
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

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Sent: Sunday, July 03, 2011 7:14 AM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

Coronado and Upland are about 100 miles apart. Want to try 40m instead? Or 80m?

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1274. RE: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-03 18:11:05 UTC
From: Edgar Sack
Topic: 1232 Message: 1274

O.K. Hamstick is on the balcony and tuned to 1:1 SWR. When we say 7,075 on V Chat are we talking LSB?

Ed

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer
Sent: Sunday, July 03, 2011 10:44 AM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

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Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
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1275. Re: [V4Protocol] text

Yahoo group: V4Protocol
Date: 2011-07-03 18:11:46 UTC
From: Fred G -w1wyc
Topic: 1270 Message: 1275

David,

Check out Rick KN6KB's write-up from earlier today. He describes the "o" as seen in the text.
If you didn't get it I have included it below.

Fred, W1WYC

David/All,
This is exactly as designed. The Connect request and CQ frame have the same syntax and that syntax packs both call signs (including optional -ssid) into a 16 character frame. To do this a simple but effective and efficient coding scheme is used:
Characters 1-8 Target call sign defined as:
The call sign (up to 7 characters) + a following character 0-F . "0" defines no ssid used, "1" defines ssid of -1, ..."F" defines ssid of -15.
If a call sign with ssid desgnator is < 8 characters it is null padded (note a null is not the character "0" but a byte of value 0 which is not printable)

Characters 9-16 are as above but are for the calling call sign.

So "CQ0KB0E0" is really the 16 character string representing:
"C", "Q", "0", nul,nul,nul,nul,nul,"K","B","0","E","0",nul,nul,nul
and is interpreted as
Calling call sign "CQ" with no -ssid from call sign KB0E with no ssid

The syntax is exactly the same for one station calling another except the CQ is replaced by the target station call sign.

The software decodes the above as a connect request (if not connected) and checks the validity (proper MARS or HAM call sign) syntax. Since "CQ" is not a valid call sign there should never be a station that would answer a call to CQ. It serves the same purpose it does on CW or Phone...to indicated to any station listing that the calling station wishes to connect to anyone. It is followed by (just as in the CW or SSB case) with a return call to the station calling CQ.

It is possible to suppress the printing of such special decodes but in the interest of allowing monitoring it is displayed in both FEC and ARQ modes.

Hope this answers the question. I will make sure it is explained clearly in the protocol document.

Rick KN6KB

----- Original Message -----
From: DAVID
To: V4Protocol@yahoogroups.com
Sent: Sunday, July 03, 2011 10:55 AM
Subject: [V4Protocol] text

have noticed on all versions, that when receiving and FEC CQ call, that the text is always run togeather with no spaces. think the space is being filled with the 0.

from the debug log:

011/07/03 14:39:10 {FEC Rcv} CQ0KB0E0
2011/07/03 14:39:15 {FEC Rcv} CQ0KB0E0
2011/07/03 14:39:20 {FEC Rcv} CQ0KB0E0
2011/07/03 14:39:26 {FEC Rcv} CQ0KB0E0
2011/07/03 14:39:31 {FEC Rcv} CQ0KB0E0
2011/07/03 14:39:36 {FEC Rcv} CQ0KB0E0

anyone ?

david/wd4kpd

ps...v301 still wanders off into God knows where during ARQ attempts.

1276. Re: [V4Protocol] 7.070 looking for V4 contacts VK or DX

Yahoo group: V4Protocol
Date: 2011-07-03 21:53:36 UTC
From: Ed Woods WD9DVA
Topic: 1265 Message: 1276

Hi we monitor 7073 every day around 3pm east . Someone got us started on that freq when fec came on the scene. We'll been there Tuesday for sure maybe Monday but thats the holiday. 73 Ed WD9DVA

----- Original Message -----
From: vk2icq
To: V4Protocol@yahoogroups.com
Sent: Sunday, July 03, 2011 09:41
Subject: [V4Protocol] 7.070 looking for V4 contacts VK or DX

I am currently on K3UK DigitalRadio Sked Page.

Cheers,

Dave

1277. RE: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-03 22:05:27 UTC
From: Matt Zilmer
Topic: 1232 Message: 1277

Data modes are almost always USB.

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: V4Protocol@yahoogroups.com
From: esack@...
Date: Sun, 3 Jul 2011 11:11:05 -0700
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

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1278. RE: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-03 23:47:02 UTC
From: Edgar Sack
Topic: 1232 Message: 1278

Roger. I tried both but did not see you in either option.

We are in the process of creating a "radio room" for our local EmComm group on top of this building which will put

our antennas over 150 feet in the air - the highest point in our City and completely out in the clear. At the very least we will

have both a Winlink RMS and a Winmor access point up there and if the budget works out, a remote controlled

HF rig which will certainly give me a much better chance of enjoying my favorite digital modes.

I will continue to watch for VChat stations on 14.073 mh where I do capture a W1 and a W4 from time to time.

By the way, I did a competitive study of the then active digital modes some years ago (published in the (ARRL and TAPR Digital

Communications Conference for 2007) and found that three or four of the three dozen modes I tested stood out against

the rest under the particular evaluation marks I used in the study. As I recall Domino and Olivia were looking quite competitive

at that time.

How do you feel VChat stacks up against modes like CHIPs when bandwidth is an issue and the conditions are lousy (as they

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Sent: Sunday, July 03, 2011 3:05 PM
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1279. RE: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-04 05:01:34 UTC
From: Matt Zilmer
Topic: 1232 Message: 1279

That's because I couldn't hang out in the shack all morning. I called CQ on 7075.0 for a few minutes. Then I had yard work to do, and a few errands to run. Sorry.

I've not had enough successful QSO's using V4 to make a full evaluation. ARQ works fine and as advertised. I got a call from a W4WEB yesterday, the connection came alive, but conditions were suckful so we didn't carry on.

FEC has worked fine in the past here. That was before 1.1.1.1 though, and haven't tried it again since a few weeks ago.

In Navy-Marine Corps MARS we are starting to see Olivia pop up as a good mode for local and regional traffic. Here in SCA, we've been testing it for a couple weeks with mostly good results. The only problems we've had seem to be codec-related, and sometimes between different types of client AP's (MixW and DM780 for example).

I've never used Domino. Would like to give it a spin, but don't see any advertising for its use and don't know anyone local for testing.

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To: V4Protocol@yahoogroups.com
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Date: Sun, 3 Jul 2011 16:47:02 -0700
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

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1280. Re: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-04 13:41:38 UTC
From: Ed Woods WD9DVA
Topic: 1232 Message: 1280

Matt try 7073 a lot of us started there when the fec program began, Happy 4th Ed WD9DVA
----- Original Message -----
From: Matt Zilmer
To: v4protocol@yahoogroups.com
Sent: Monday, July 04, 2011 05:01
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

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NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: V4Protocol@yahoogroups.com
From: esack@...
Date: Sun, 3 Jul 2011 07:06:52 -0700
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

Hi Matt,

I’ll be listening on 10136 dial USB this morning. Have a very poor 30 meter antenna – Hamstick, vertical – but if I see you on the screen I will let you know.

73,

Ed

W3NRG

Coronado, CA

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer
Sent: Sunday, July 03, 2011 7:01 AM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

A repeat from yesterday, for anyone interested.... 10136.0 MHz.

Anyone around and up for a V4 ARQ check out?

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Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
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1281. Re: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-04 14:16:02 UTC
From: Phil Williams
Topic: 1232 Message: 1281

Will be on 10136 shortly as soon as I install the latest versin of
V4...philw de ka1gmn

On Mon, Jul 4, 2011 at 8:41 AM, Ed Woods WD9DVA <wd9dva@sbcglobal.net>wrote:

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> Matt try 7073 a lot of us started there when the fec program began, Happy
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> ----- Original Message -----
> *From:* Matt Zilmer <mzilmer@...>
> *To:* v4protocol@yahoogroups.com
> *Sent:* Monday, July 04, 2011 05:01
> *Subject:* RE: [V4Protocol] V4 ARQ QRV now 10136
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> To: V4Protocol@yahoogroups.com
> From: esack@...
> Date: Sun, 3 Jul 2011 16:47:02 -0700
> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136
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Philw de KA1GMN

1282. RE: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-04 14:47:02 UTC
From: Matt Zilmer
Topic: 1232 Message: 1282

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Philw de KA1GMN

1283. Re: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-04 15:30:24 UTC
From: wb0kgn@q.com
Topic: 1232 Message: 1283

I am on 10.136 and I hear V4 but I am not printing anything.

----- Original Message -----
From: "Matt Zilmer" <mzilmer@...>
To: v4protocol@yahoogroups.com
Sent: Monday, July 4, 2011 9:47:02 AM
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

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1284. RE: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-04 15:43:28 UTC
From: Edgar Sack
Topic: 1232 Message: 1284

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Sent: Sunday, July 03, 2011 3:05 PM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

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Date: Sun, 3 Jul 2011 11:11:05 -0700
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Philw de KA1GMN

1285. Re: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-04 15:52:21 UTC
From: wb0kgn@q.com
Topic: 1232 Message: 1285

I copied ve7crt calling cq but he did not answer me. I will move on now.

----- Original Message -----
From: wb0kgn@...
To: V4Protocol@yahoogroups.com
Cc: v4protocol@yahoogroups.com
Sent: Monday, July 4, 2011 10:30:24 AM
Subject: Re: [V4Protocol] V4 ARQ QRV now 10136

I am on 10.136 and I hear V4 but I am not printing anything.

----- Original Message -----
From: "Matt Zilmer" <mzilmer@...>
To: v4protocol@yahoogroups.com
Sent: Monday, July 4, 2011 9:47:02 AM
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

It being a day off and all.... will hang in there listening for a GMN CQ.

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
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From: ka1gmn@...
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1286. RE: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-04 15:53:04 UTC
From: Matt Zilmer
Topic: 1232 Message: 1286

Was calling CQ on ARQ using 0.3.0.0. TNC is 0.3.0.1.

Is everyone up to date, or am I running downrev SW?

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: V4Protocol@...m
From: esack@...
Date: Mon, 4 Jul 2011 08:43:28 -0700
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

I’m receiving VE7CRT on 10136. 73, Ed W3NRG From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer
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1287. Re: [V4Protocol] V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-04 16:05:37 UTC
From: Deme
Topic: 1232 Message: 1287

I heard responses to my ARQ CQ but no printing. Just brown gibberish with a line through it.
On receive frame got V4ARQ CRC Fail on the V4 sound card TNC.
When switched to FEC got the following: V4FEC CRC Fail on the V4 Sound Card TNC
Received signals were clearly audible. Didn't look at S meter.
Cheers, Deme, VE7CRT. (near Vancouver BC).
From: Edgar Sack
Sent: Monday, July 04, 2011 8:43 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

I'm receiving VE7CRT on 10136.

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--
Philw de KA1GMN

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1388 / Virus Database: 1516/3742 - Release Date: 07/03/11

1288. Re: V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-04 16:13:45 UTC
From: Demetrius Panaioti
Topic: 1232 Message: 1288

```
ADDITIONAL INFO.
My versions are: V4Chat 0.3.0.1 and V4 Sound Card TNC 0.3.0.1
Deme, VE7CRT
```

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> Sent: Monday, July 04, 2011 8:43 AM
> To: V4Protocol@yahoogroups.com
> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136
>
>
>
> Iâ□□m receiving VE7CRT on 10136.
>
>
> 73,
>
>
> Ed
>
>
> W3NRG
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer
> Sent: Monday, July 04, 2011 7:47 AM
> To: v4protocol@yahoogroups.com
> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136
>
>
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>
>
> It being a day off and all.... will hang in there listening for a GMN CQ.
>
>

> Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
> NMCM RMS Winmor: NNU9ET-5: Upland, CA.
>
>
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>
>
> ---
>
> To: V4Protocol@yahoogroups.com
> From: ka1gmn@...
> Date: Mon, 4 Jul 2011 09:16:02 -0500
> Subject: Re: [V4Protocol] V4 ARQ QRV now 10136
>
>
>
> Will be on 10136 shortly as soon as I install the latest versin of V4...philw de ka1gmn
>
>
>
> On Mon, Jul 4, 2011 at 8:41 AM, Ed Woods WD9DVA <wd9dva@...> wrote:
>
>
>
>
> Matt try 7073 a lot of us started there when the fec program began, Happy 4th Ed WD9DVA
>
> ----- Original Message -----
>
> From: Matt Zilmer
>
> To: v4protocol@yahoogroups.com
>
> Sent: Monday, July 04, 2011 05:01
>
> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136
>
>
>
>
>
> That's because I couldn't hang out in the shack all morning. I called CQ on 7075.0 for a few minutes. Then I had yard work to do, and a few errands to run. Sorry.
>
> I've not had enough successful QSO's using V4 to make a full evaluation. ARQ works fine and as advertised. I got a call from a W4WEB yesterday, the connection came alive, but conditions were suckful so we didn't carry on.
>
> FEC has worked fine in the past here. That was before 1.1.1.1 though, and haven't tried it again since a few weeks ago.

>
> In Navy-Marine Corps MARS we are starting to see Olivia pop up as a good mode for local and regional traffic. Here in SCA, we've been testing it for a couple weeks with mostly good results. The only problems we've had seem to be codec-related, and sometimes between different types of client AP's (MixW and DM780 for example).
>
> I've never used Domino. Would like to give it a spin, but don't see any advertising for its use and don't know anyone local for testing.
>
> 73,
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>
> Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
> NMCM RMS Winmor: NNU9ET-5: Upland, CA.
>
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>
> ---
>
> To: V4Protocol@yahoogroups.com
> From: esack@...
> Date: Sun, 3 Jul 2011 16:47:02 -0700
> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136
>
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>
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>
> Roger. I tried both but did not see you in either option.
>
> We are in the process of creating a â□□radio roomâ□□ for our local EmComm group on top of this building which will put
> our antennas over 150 feet in the air â□" the highest point in our City and completely out in the clear. At the very least we will
> have both a Winlink RMS and a Winmor access point up there and if the budget works out, a remote controlled
> HF rig which will certainly give me a much better chance of enjoying my favorite digital modes.
>
> I will continue to watch for VChat stations on 14.073 mh where I do capture a W1 and a W4 from time to time.
>
> By the way, I did a competitive study of the then active digital modes some years ago (published in the (ARRL and TAPR Digital
> Communications Conference for 2007) and found that three or four of the three dozen modes I tested stood out against
> the rest under the particular evaluation marks I used in the study. As I recall Domino and Olivia were looking quite competitive
> at that time.
>
> How do you feel VChat stacks up against modes like CHIPs when bandwidth is an issue and the conditions are lousy (as they

> always are with the antennas I have to use for the moment.)
>
> 73,
>
> Ed
>
> W3NRG
>
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>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer
> Sent: Sunday, July 03, 2011 3:05 PM
> To: v4protocol@yahoogroups.com
> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136
>
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>
> Data modes are almost always USB.
>
>
> Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
> NMCM RMS Winmor: NNU9ET-5: Upland, CA.
>
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>
>
> ---
>
> To: V4Protocol@yahoogroups.com
> From: esack@...
> Date: Sun, 3 Jul 2011 11:11:05 -0700
> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136
>
>
>
>
>
> O.K. Hamstick is on the balcony and tuned to 1:1 SWR. When we say 7,075 on V Chat are we talking LSB?
>
> Ed
>
>

> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer
> Sent: Sunday, July 03, 2011 10:44 AM
> To: v4protocol@yahoogroups.com
> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136
>
>
>
>
>
>
> I'm on 7075 right now.
>
>
> Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
> NMCM RMS Winmor: NNU9ET-5: Upland, CA.
>
>
>
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> ---
>
> To: V4Protocol@yahoogroups.com
> From: esack@...
> Date: Sun, 3 Jul 2011 10:39:25 -0700
> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136
>
>
>
>
> Hi Matt,
>
> My problem is the eternal condo antenna limitations problem. My antennas â☐☐hidden on the balconyâ☐☐ get out better as the
> wavelengths get smaller.
>
> If I were to try my 40 meter hamstick, what forty meter frequency appeals to you? 7,073?
>
> 73,
>
> Ed
>
> W3NRG
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer
> Sent: Sunday, July 03, 2011 7:14 AM
> To: v4protocol@yahoogroups.com
> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136
>

>
>
>
> Coronado and Upland are about 100 miles apart. Want to try 40m instead? Or 80m?
>
>
> Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
> NMCM RMS Winmor: NNU9ET-5: Upland, CA.
>
>
> ---
>
> To: V4Protocol@yahoogroups.com
> From: esack@...
> Date: Sun, 3 Jul 2011 07:06:52 -0700
> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136
>
>
>
>
> Hi Matt,
>
> Iâ□□ll be listening on 10136 dial USB this morning. Have a very poor 30 meter antenna â□" Hamstick, vertical â□" but if I see you on the screen I will let you know.
>
> 73,
>
> Ed
>
> W3NRG
> Coronado, CA
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer
> Sent: Sunday, July 03, 2011 7:01 AM
> To: v4protocol@yahoogroups.com
> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136
>
>
>
>
>
> A repeat from yesterday, for anyone interested.... 10136.0 MHz.
>
>
>
>
> Anyone around and up for a V4 ARQ check out?
>

> 73,
>
>
> Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
> NMCM RMS Winmor: NNU9ET-5: Upland, CA.
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> --
> Philw de KA1GMN
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>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1388 / Virus Database: 1516/3742 - Release Date: 07/03/11
>

1289. RE: [V4Protocol] Re: V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-04 16:22:24 UTC
From: Matt Zilmer
Topic: 1232 Message: 1289

Same here. I just installed the full 0.3.0.1 package, available on the Yahoo group Files section. I doubt there is any difference between the TNC 0.3.0.1 "patch" and the newly installed program.

Deme, I copied your connect requests and the program tried to complete the handshake. After a while, your end gave up and there were no more responses.
Seems to be some degree of incompatibility or perhaps levels are wrong at one or more stations. I clearly heard VE7CRT and everything decoded correctly in the TNC.

73,

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: V4Protocol@yahoogroups.com
From: deme@...
Date: Mon, 4 Jul 2011 16:13:45 +0000
Subject: [V4Protocol] Re: V4 ARQ QRV now 10136

ADDITIONAL INFO.

My versions are: V4Chat 0.3.0.1 and V4 Sound Card TNC 0.3.0.1

Deme, VE7CRT

--- In V4Protocol@yahoogroups.com, "Deme" <deme@...> wrote:

>

> I heard responses to my ARQ CQ but no printing. Just brown gibberish with a line through it.

> On receive frame got V4ARQ CRC Fail on the V4 sound card TNC.

> When switched to FEC got the following: V4FEC CRC Fail on the V4 Sound Card TNC

> Received signals were clearly audible. Didnâ€™t look at S meter.

> Cheers, Deme, VE7CRT. (near Vancouver BC).

> From: Edgar Sack

> Sent: Monday, July 04, 2011 8:43 AM

> To: V4Protocol@yahoogroups.com

> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

>

>

>

> Iâ€™m receiving VE7CRT on 10136.

>

>

> 73,

>

>

> Ed

>

>

> W3NRG

>

>

> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer

> Sent: Monday, July 04, 2011 7:47 AM

> To: v4protocol@yahoogroups.com

> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

>

>

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>

>

> It being a day off and all.... will hang in there listening for a GMN CQ.

>

>

> Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE

> NMCM RMS Winmor: NNU9ET-5: Upland, CA.

>

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>

> To: V4Protocol@yahoogroups.com

> From: ka1gmn@...

> Date: Mon, 4 Jul 2011 09:16:02 -0500

> Subject: Re: [V4Protocol] V4 ARQ QRV now 10136

>

>

>

> Will be on 10136 shortly as soon as I install the latest versin of V4...philw de ka1gmn

>

>

>

> On Mon, Jul 4, 2011 at 8:41 AM, Ed Woods WD9DVA <wd9dva@...> wrote:

>

>

>

>

> Matt try 7073 a lot of us started there when the fec program began, Happy 4th Ed WD9DVA

>

> ----- Original Message -----

>

> From: Matt Zilmer

>

> To: v4protocol@yahoogroups.com

>

> Sent: Monday, July 04, 2011 05:01

>

> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

>

>

>

>

>

> That's because I couldn't hang out in the shack all morning. I called CQ on 7075.0 for a few minutes. Then I had yard work to do, and a few errands to run. Sorry.

>

> I've not had enough successful QSO's using V4 to make a full evaluation. ARQ works fine and as advertised. I got a call from a W4WEB yesterday, the connection came alive, but conditions were suckful so we didn't carry on.

>

> FEC has worked fine in the past here. That was before 1.1.1.1 though, and haven't tried it again since a few weeks ago.

>

> In Navy-Marine Corps MARS we are starting to see Olivia pop up as a good mode for local and regional traffic. Here in SCA, we've been testing it for a couple weeks with mostly good results. The only problems we've had seem to be codec-related, and sometimes between different types of client AP's (MixW and DM780 for example).

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> I've never used Domino. Would like to give it a spin, but don't see any advertising for its use and don't know anyone local for testing.

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> 73,

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> Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE

> NMCM RMS Winmor: NNU9ET-5: Upland, CA.

>

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>

> To: V4Protocol@yahoogroups.com

> From: esack@...

> Date: Sun, 3 Jul 2011 16:47:02 -0700

> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

>

>

>

>

> Roger. I tried both but did not see you in either option.

>

> We are in the process of creating a â€œradio roomâ€? for our local EmComm group on top of this building which will put

> our antennas over 150 feet in the air â€" the highest point in our City and completely out in the clear. At the very least we will

> have both a Winlink RMS and a Winmor access point up there and if the budget works out, a remote controlled

> HF rig which will certainly give me a much better chance of enjoying my favorite digital modes.

>

> I will continue to watch for VChat stations on 14.073 mh where I do capture a W1 and a W4 from time to time.

>

> By the way, I did a competitive study of the then active digital modes some years ago (published in the (ARRL and TAPR Digital

> Communications Conference for 2007) and found that three or four of the three dozen modes I tested stood out against

> the rest under the particular evaluation marks I used in the study. As I recall Domino and Olivia were looking quite competitive

> at that time.

>

> How do you feel VChat stacks up against modes like CHIPs when bandwidth is an issue and the conditions are lousy (as they

> always are with the antennas I have to use for the moment.)

>

> 73,

>

> Ed

>

> W3NRG

>

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> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer

> Sent: Sunday, July 03, 2011 3:05 PM

> To: v4protocol@yahoogroups.com

> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

>

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>

> Data modes are almost always USB.

>

>

> Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE

> NMCM RMS Winmor: NNU9ET-5: Upland, CA.

>

>

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> ---

>

> To: V4Protocol@yahoogroups.com

> From: esack@...

> Date: Sun, 3 Jul 2011 11:11:05 -0700

> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

>

>

>

>

> O.K. Hamstick is on the balcony and tuned to 1:1 SWR. When we say 7,075 on V Chat are we talking LSB?

>

> Ed

>

>

> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer

> Sent: Sunday, July 03, 2011 10:44 AM

> To: v4protocol@yahoogroups.com

> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

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>

>

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> I'm on 7075 right now.

>

>

> Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE

> NMCM RMS Winmor: NNU9ET-5: Upland, CA.

>

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>

> To: V4Protocol@yahoogroups.com

> From: esack@...

> Date: Sun, 3 Jul 2011 10:39:25 -0700

> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

>

>

>

>

> Hi Matt,

>

> My problem is the eternal condo antenna limitations problem. My antennas â€œhidden on the balconyâ€? get out better as the

> wavelengths get smaller.

>

> If I were to try my 40 meter hamstick, what forty meter frequency appeals to you? 7,073?

>

> 73,

>

> Ed

>

> W3NRG

>

>

> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer

> Sent: Sunday, July 03, 2011 7:14 AM

> To: v4protocol@yahoogroups.com

> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

>

>

>

>

> Coronado and Upland are about 100 miles apart. Want to try 40m instead? Or 80m?

>

>

> Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE

> NMCM RMS Winmor: NNU9ET-5: Upland, CA.

>

>

> ---

>

> To: V4Protocol@yahoogroups.com

> From: esack@...

> Date: Sun, 3 Jul 2011 07:06:52 -0700

> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

>

>

>

>

> Hi Matt,

>

> Iâ€™ll be listening on 10136 dial USB this morning. Have a very poor 30 meter antenna â€" Hamstick, vertical â€" but if I see you on the screen I will let you know.

>

> 73,

>

> Ed

>

> W3NRG

> Coronado, CA

>

>

> From: V4Protocol@...m [mailto:V4Protocol@yahoogroups.com] On Behalf Of Matt Zilmer

> Sent: Sunday, July 03, 2011 7:01 AM

> To: v4protocol@yahoogroups.com

> Subject: RE: [V4Protocol] V4 ARQ QRV now 10136

>

>

>

>

>

> A repeat from yesterday, for anyone interested.... 10136.0 MHz.

>

>

>

>

> Anyone around and up for a V4 ARQ check out?

>

> 73,

>

>

> Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE

> NMCM RMS Winmor: NNU9ET-5: Upland, CA.

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> Philw de KA1GMN

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>

> No virus found in this message.

> Checked by AVG - www.avg.com

> Version: 10.0.1388 / Virus Database: 1516/3742 - Release Date: 07/03/11

>

1290. Continuing 10,136 Reception Reports 07-05-11

Yahoo group: V4Protocol
Date: 2011-07-04 16:33:44 UTC
From: esack@pacbell.net
Topic: 1290 Message: 1290

Monitoring V Chat on 10,136 mh in FEC mode.

Received solid signal from WA7BRL.

73,

W3NRG

Coronado, CA

1291. RE: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Yahoo group: V4Protocol
Date: 2011-07-04 16:54:02 UTC
From: Edgar Sack
Topic: 1290 Message: 1291

Also received solid signal from NC5O

W3NRG

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of esack@...
Sent: Monday, July 04, 2011 9:34 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Monitoring V Chat on 10,136 mh in FEC mode.

Received solid signal from WA7BRL.

73,

W3NRG

Coronado, CA

Yahoo! Groups Links

1292. Re: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Yahoo group: V4Protocol
Date: 2011-07-04 17:27:51 UTC
From: Russell Blair
Topic: 1290 Message: 1292

I'v been calling cq testing but my noise is s-10 to 20 over at times vy noise at my qth today.

Russell NC5O
" IN GOD WE TRUST "

Russell Blair (NC5O)
Skype-Russell.Blair
NTCC - North Texas Contest Club
Hell Field #300
DRCC #55
30m Dig-group #0693
Digital Mode Club #03198
BARTG #8457
EPC #13477

"Thomas Jefferson"
I predict future happiness for
Americans if they can prevent the government
from wasting the labors of the people under the
pretense of taking care of them.

From: Edgar Sack <esack@...>
To: V4Protocol@yahoogroups.com
Sent: Mon, July 4, 2011 11:54:02 AM
Subject: RE: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Also received solid signal from NC5O

W3NRG

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of esack@...
Sent: Monday, July 04, 2011 9:34 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Monitoring V Chat on 10,136 mh in FEC mode.

Received solid signal from WA7BRL.

73,

W3NRG

Coronado, CA

Yahoo! Groups Links

1293. Re: [V4Protocol] Re: V4 ARQ QRV now 10136

Yahoo group: V4Protocol
Date: 2011-07-04 17:29:58 UTC
From: Rick Muething
Topic: 1232 Message: 1293

All,

Please remember there are really two programs. The V4Chat and the V4TNC. While now they are currently at the same rev 0.3.0.1 they won't always be so. The V4 TNC will eventually be used by other programs ...it is the virtual TNC and its updates and revisions are separate from the others. The last release did change some minor things in the V4Chat as well. (read the revision history if interested).

If you have a problem it is important to follow this procedure. I will repeat once again for all those that are new:

1) Sync your computer clock to the internet (bring up the clock and click the internet tab) This isn't perfect but it gets you within a few seconds or so. (This allows me to more easily debug two logs one from each end of the connection).
2) Be sure you have the V4 TNC debug log enabled (read the help if you don't know how).
3) When you have a problem not the time as accurately as possible UTC Time is ALWAYS used. Then describe the problem in some words as clearly as possible.
4) Send me the V4 TNC debug.log for the date and indicate briefly what your setup is: "Runnning WIN XP with SP1, 1000 MHz Pentium, 512 Meg Ram, SignaLink USB sound card and TS-480 etc"

Then send the debug log AS AN ATTACHMENT to me: rmuethingATcfl.rr.com. If both ends of a problem connection can send me the log it is MUCH better ...I can see both ends...they are time synchronized and logged to 10 ms.

If you can do this we can make progress... I need to see some things in this last release that have to do with the auto calculation of round trip time that I could not duplicate well with the simulator.

73 and Happy Fourth!

Rick KN6KB

1294. RE: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Yahoo group: V4Protocol
Date: 2011-07-04 17:30:29 UTC
From: Edgar Sack
Topic: 1290 Message: 1294

Also seeing W6NH and W6NIA

W3NRG

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Edgar Sack
Sent: Monday, July 04, 2011 9:54 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Also received solid signal from NC5O

W3NRG

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of esack@...
Sent: Monday, July 04, 2011 9:34 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Monitoring V Chat on 10,136 mh in FEC mode.

Received solid signal from WA7BRL.

73,

W3NRG

Coronado, CA

Yahoo! Groups Links

Yahoo! Groups Links

1295. Re: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Yahoo group: V4Protocol
Date: 2011-07-04 17:31:56 UTC
From: Chuck
Topic: 1290 Message: 1295

I had a S6 noise level and could not hear or see anything if you tried to come back. I was running
FEC mode at about 65 Watts to my 80/40 Meter Vee using a tuner to get on 10.136 Mhz. Will try again later. Happy 4th
and thanks for the report.
73;
Chuck, WA7BRL
CN87ut
----- Original Message -----
From: esack@...
To: V4Protocol@yahoogroups.com
Sent: Monday, July 4, 2011 9:33:44 AM
Subject: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Monitoring V Chat on 10,136 mh in FEC mode.

Received solid signal from WA7BRL.

73,

W3NRG

Coronado, CA

1296. RE: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Yahoo group: V4Protocol
Date: 2011-07-04 17:40:06 UTC
From: Matt Zilmer
Topic: 1290 Message: 1296

Sending out periodic CQ's on 10136, using ARQ mode. Both programs are rev-marked 0.3.0.1.

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: V4Protocol@yahoogroups.com
From: esack@pacbell.net
Date: Mon, 4 Jul 2011 10:30:29 -0700
Subject: RE: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Also seeing W6NH and W6NIA

W3NRG

-----Original Message-----

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On

Behalf Of Edgar Sack

Sent: Monday, July 04, 2011 9:54 AM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Also received solid signal from NC5O

W3NRG

-----Original Message-----

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On

Behalf Of esack@...

Sent: Monday, July 04, 2011 9:34 AM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Monitoring V Chat on 10,136 mh in FEC mode.

Received solid signal from WA7BRL.

73,

W3NRG

Coronado, CA

Yahoo! Groups Links

Yahoo! Groups Links

1297. Re: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Yahoo group: V4Protocol
Date: 2011-07-04 17:53:46 UTC
From: Dick Lamberson
Topic: 1290 Message: 1297

Propagation apparently not favoring us - I've been calling and listening there also for some time....
Happy 4th
Dick, W4WEB
Want to try 18085 ?
----- Original Message -----
From: Matt Zilmer
To: v4protocol@yahoogroups.com
Sent: Monday, July 04, 2011 1:40 PM
Subject: RE: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Sending out periodic CQ's on 10136, using ARQ mode. Both programs are rev-marked 0.3.0.1.

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: V4Protocol@yahoogroups.com
From: esack@...
Date: Mon, 4 Jul 2011 10:30:29 -0700
Subject: RE: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Also seeing W6NH and W6NIA

W3NRG

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Edgar Sack
Sent: Monday, July 04, 2011 9:54 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Also received solid signal from NC5O

W3NRG

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of esack@pacbell.net
Sent: Monday, July 04, 2011 9:34 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Monitoring V Chat on 10,136 mh in FEC mode.

Received solid signal from WA7BRL.

73,

W3NRG

Coronado, CA

Yahoo! Groups Links

Yahoo! Groups Links

1298. Re: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Yahoo group: V4Protocol
Date: 2011-07-04 18:27:17 UTC
From: Ron Wenig
Topic: 1290 Message: 1298

Hi Dick,

I heard you. I'm new to this so I may not have tried to connect
properly. Please keep trying.

73, Ron ny3j

On 7/4/2011 1:53 PM, Dick Lamberson wrote:
>
> Propagation apparently not favoring us - I've been calling and
> listening there also for some time....
> Happy 4th
> Dick, W4WEB
> Want to try 18085 ?
>
> ----- Original Message -----
> *From:* Matt Zilmer <mailto:mzilmer@...>
> *To:* v4protocol@yahoogroups.com <mailto:v4protocol@yahoogroups.com>
> *Sent:* Monday, July 04, 2011 1:40 PM
> *Subject:* RE: [V4Protocol] Continuing 10,136 Reception Reports
> 07-05-11
>
> *Sending out periodic CQ's on 10136, using ARQ mode. Both
> programs are rev-marked 0.3.0.1.
> *
>
> *Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
> NMCM RMS Winmor: NNU9ET-5: Upland, CA.
>
> *
>
> ---
> To: V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> From: esack@... <mailto:esack@...>
> Date: Mon, 4 Jul 2011 10:30:29 -0700
> Subject: RE: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11
>
> Also seeing W6NH and W6NIA
>
> W3NRG
>
> -----Original Message-----
> From: V4Protocol@yahoogroups.com
> <mailto:V4Protocol@yahoogroups.com>
> [mailto:V4Protocol@yahoogroups.com
> <mailto:V4Protocol@yahoogroups.com>] On

> Behalf Of Edgar Sack
> Sent: Monday, July 04, 2011 9:54 AM
> To: V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> Subject: RE: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11
>
> Also received solid signal from NC5O
>
> W3NRG
>
> -----Original Message-----
> From: V4Protocol@yahoogroups.com
> <mailto:V4Protocol@yahoogroups.com>
> [mailto:V4Protocol@yahoogroups.com
> <mailto:V4Protocol@yahoogroups.com>] On
> Behalf Of esack@... <mailto:esack@...>
> Sent: Monday, July 04, 2011 9:34 AM
> To: V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> Subject: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11
>
> Monitoring V Chat on 10,136 mh in FEC mode.
>
> Received solid signal from WA7BRL.
>
> 73,
>
> W3NRG
>
> Coronado, CA
>
> ------------------------------------
>
> Yahoo! Groups Links
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

1299. Re: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11

Yahoo group: V4Protocol
Date: 2011-07-04 18:34:18 UTC
From: Ron Wenig
Topic: 1290 Message: 1299

Dick,

We connected but I didn't receive anything from you. I may be doing
something wrong.

Ron

On 7/4/2011 2:27 PM, Ron Wenig wrote:
>
> Hi Dick,
>
> I heard you. I'm new to this so I may not have tried to connect
> properly. Please keep trying.
>
> 73, Ron ny3j
>
> On 7/4/2011 1:53 PM, Dick Lamberson wrote:
>
>> Propagation apparently not favoring us - I've been calling and
>> listening there also for some time....
>> Happy 4th
>> Dick, W4WEB
>> Want to try 18085 ?
>>
>> ----- Original Message -----
>> *From:* Matt Zilmer <mailto:mzilmer@...>
>> *To:* v4protocol@yahoogroups.com <mailto:v4protocol@yahoogroups.com>
>> *Sent:* Monday, July 04, 2011 1:40 PM
>> *Subject:* RE: [V4Protocol] Continuing 10,136 Reception Reports
>> 07-05-11
>>
>> *Sending out periodic CQ's on 10136, using ARQ mode. Both
>> programs are rev-marked 0.3.0.1.
>> *
>>
>> *Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
>> NMCM RMS Winmor: NNU9ET-5: Upland, CA.
>>
>> *
>>
>> ---
>> To: V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>> From: esack@... <mailto:esack@...>
>> Date: Mon, 4 Jul 2011 10:30:29 -0700
>> Subject: RE: [V4Protocol] Continuing 10,136 Reception Reports
>> 07-05-11

>>
>> Also seeing W6NH and W6NIA
>>
>> W3NRG
>>
>> -----Original Message-----
>> From: V4Protocol@yahoogroups.com
>> <mailto:V4Protocol@yahoogroups.com>
>> [mailto:V4Protocol@yahoogroups.com
>> <mailto:V4Protocol@yahoogroups.com>] On
>> Behalf Of Edgar Sack
>> Sent: Monday, July 04, 2011 9:54 AM
>> To: V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>> Subject: RE: [V4Protocol] Continuing 10,136 Reception Reports
>> 07-05-11
>>
>> Also received solid signal from NC5O
>>
>> W3NRG
>>
>> -----Original Message-----
>> From: V4Protocol@yahoogroups.com
>> <mailto:V4Protocol@yahoogroups.com>
>> [mailto:V4Protocol@yahoogroups.com
>> <mailto:V4Protocol@yahoogroups.com>] On
>> Behalf Of esack@... <mailto:esack@...>
>> Sent: Monday, July 04, 2011 9:34 AM
>> To: V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>> Subject: [V4Protocol] Continuing 10,136 Reception Reports 07-05-11
>>
>> Monitoring V Chat on 10,136 mh in FEC mode.
>>
>> Received solid signal from WA7BRL.
>>
>> 73,
>>
>> W3NRG
>>
>> Coronado, CA
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
>>
>>
>

1300. Failed V4 ARQ connection info

Yahoo group: V4Protocol
Date: 2011-07-08 02:16:40 UTC
From: Robert
Topic: 1300 Message: 1300

Hi Rick,

I was calling CQ tonight with V4 Chat version 0.3.0.1 (TNC also 0.3.0.1) on 14.073 and got a connection from NR5G. Seemed like a good clean signal with a clear constellation. The receive window indicated a connection but I never got any received data from him and my xmit window would not transmit anything.

I have emailed the debug log and receive window. Hope this helps.

Robert Wright, N7ZO

1301. Re: [V4Protocol] Failed V4 ARQ connection info

Yahoo group: V4Protocol
Date: 2011-07-08 02:44:09 UTC
From: W6IDS
Topic: 1300 Message: 1301

Did you reverse the positions and observe that transaction also?

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "Robert" <rwright@...>
To: <V4Protocol@yahoogroups.com>
Sent: Thursday, July 07, 2011 10:16 PM
Subject: [V4Protocol] Failed V4 ARQ connection info

> Hi Rick,
>
> I was calling CQ tonight with V4 Chat version 0.3.0.1 (TNC also 0.3.0.1)
> on 14.073 and got a connection from NR5G. Seemed like a good clean signal
> with a clear constellation. The receive window indicated a connection but
> I never got any received data from him and my xmit window would not
> transmit anything.
>
> I have emailed the debug log and receive window. Hope this helps.
>
> Robert Wright, N7ZO
>

1302. Re: Failed V4 ARQ connection info

Yahoo group: V4Protocol
Date: 2011-07-08 03:11:24 UTC
From: Robert
Topic: 1300 Message: 1302

No. NR5G connected twice but we were never able to communicate. After that, I did not hear him calling CQ.

Next time this happens I will drop back to FEC mode and try to coordinate a reverse CQ call.

I have never been able to get ARQ mode to work. I thought it was about time to pass some debug info to Rick.

--- In V4Protocol@yahoogroups.com, "W6IDS" <w6ids@...> wrote:
>
> Did you reverse the positions and observe that transaction also?
>
> Howard W6IDS
> Richmond, IN EM79NV
>
>
> ----- Original Message -----
> From: "Robert" <rwright@...>
> To: <V4Protocol@yahoogroups.com>
> Sent: Thursday, July 07, 2011 10:16 PM
> Subject: [V4Protocol] Failed V4 ARQ connection info
>
>
> > Hi Rick,
> >
> > I was calling CQ tonight with V4 Chat version 0.3.0.1 (TNC also 0.3.0.1)
> > on 14.073 and got a connection from NR5G. Seemed like a good clean signal
> > with a clear constellation. The receive window indicated a connection but
> > I never got any received data from him and my xmit window would not
> > transmit anything.
> >
> > I have emailed the debug log and receive window. Hope this helps.
> >
> > Robert Wright, N7ZO
> >
>

1303. Re: Failed V4 ARQ connection info

Yahoo group: V4Protocol
Date: 2011-07-08 04:25:08 UTC
From: Robert
Topic: 1300 Message: 1303

Correction to my last post:

No. NR5G connected twice but we were never able to communicate. After that, I did not hear him calling, CQ or otherwise.

Next time this happens I will drop back to FEC mode and try to coordinate a reverse call. Using a CQ call for this would be ideal, but a targeted callsign call might show the same problem after connection.

--- In V4Protocol@yahoogroups.com, "Robert" <rwright@...> wrote:
>
> No. NR5G connected twice but we were never able to communicate. After that, I did not hear him calling CQ.
>
> Next time this happens I will drop back to FEC mode and try to coordinate a reverse CQ call.
>
> I have never been able to get ARQ mode to work. I thought it was about time to pass some debug info to Rick.
>
>
> --- In V4Protocol@yahoogroups.com, "W6IDS" <w6ids@> wrote:
> >
> > Did you reverse the positions and observe that transaction also?
> >
> > Howard W6IDS
> > Richmond, IN EM79NV
> >
> >
> > ----- Original Message -----
> > From: "Robert" <rwright@>
> > To: <V4Protocol@yahoogroups.com>
> > Sent: Thursday, July 07, 2011 10:16 PM
> > Subject: [V4Protocol] Failed V4 ARQ connection info
> >
> >
> > > Hi Rick,
> > >
> > > I was calling CQ tonight with V4 Chat version 0.3.0.1 (TNC also 0.3.0.1)
> > > on 14.073 and got a connection from NR5G. Seemed like a good clean signal
> > > with a clear constellation. The receive window indicated a connection but
> > > I never got any received data from him and my xmit window would not
> > > transmit anything.
> > >
> > > I have emailed the debug log and receive window. Hope this helps.
> > >

> > > Robert Wright, N7ZO
> > >
> >
>

1304. New Planned Updates

Yahoo group: V4Protocol
Date: 2011-07-09 13:28:19 UTC
From: Rick Muething
Topic: 1300 Message: 1304

All,
I have just about got all the lost source code recovered and repaired... Damn Virus! I also am working on a new major release that will address several observed problems:

1) Excessive PTT hold ....a critical problem for ARQ modes. Many say “but it works on PSK, Olivia etc” but those are not ARQ Modes. I have a plan to implement a detection of this with the software that will warn users of this excessive PTT hold which has the effect of blocking off the ACKs from the other end. (for example if using a SignaLink or VOX with the Delay set too large). I can’t reduce the PTT hold in software but I can warn of it so you can correct it by settings or by selecting a different PTT keying method.

2) Automatic Round Trip delay (from end of transmit frame to received ACK/NAK sync) calculation and adjustment. There are many factors that affect the timing of the round trip: e.g.
Transmitter Receive to Transmit delay
Sound card latency
RF Transit time
Receiver sound card latency (can be a significant issue on SDR Radios)
OS Latency (Windows was never designed as a true “real time” OS!)
Demodulation/decode time (a function of CPU Speed)
Leader length or VOX delay
The new code will start off each new ARQ session with very generous ARQ timing limits (which of course will reduce throughput) and then based on the actual measured (to within about 20 ms) round trip delay put in a more aggressive (faster throughput) limit for each connection. It will have to have some “pad” to accommodate variances but this should work much better and result in reliable and faster operation without having to have users tweak values.

3) Session Keying of FEC Data, ACK, NAK and IDLs. Currently if there is any other V4 activity (even weak) on or near the frequency it disrupts the protocol by cross contamination of the sessions. This new code creates a fairly unique (8 bit) key that is a function (hash) of the two connected call signs. Unless your ARQ Session has the exact same key (about 1/256 chance) it will ignore those other frames. This keyed sync will slow down the throughput but only by about 2%. Of course since this is not spread spectrum you really can’t expect to have a good QSO with significant interference by other stations but it will drastically reduce the effect casual weak interference will have on the protocol. A larger key could be used but it starts affecting throughput with only very marginal improvement in protection so I picked 8 bits
.
It will probably be a week or two until I get this update finished and enough for beta release.

I have received some useful debug logs from some that point to another problem which I will have to track down. If you happen to have a session with fairly good signals that get hung in some IDL loop when data is queued please send your debug log to me with the approximate UTC time noted (PLEASE, I DON’T HAVE TIME TO WADE THROUGH 1 MByte DEBUG LOGS WITHOUT SOME

CLUE AS TO WHERE THE PROBLEM IS!)
Send the logs directly to me as attachments (rmuethingATcfl.rr.com)

Thanks for your continued support and feedback.

73,
Rick KN6KB

1305. Re: [V4Protocol] New Planned Updates

Yahoo group: V4Protocol
Date: 2011-07-09 14:04:37 UTC
From: W6IDS
Topic: 1300 Message: 1305

You've got one incredible work ethic, not to mention
endurance. It just takes one's breath away watching
how you keep on truckin', Rick.

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Saturday, July 09, 2011 9:28 AM
Subject: [V4Protocol] New Planned Updates

All,
I have just about got all the lost source code recovered and repaired... Damn Virus! I also am working on a new major release that will address several observed problems:

<SNIP> <SNIP>

1306. Re: [V4Protocol] New Planned Updates

Yahoo group: V4Protocol
Date: 2011-07-09 14:47:16 UTC
From: Ian Wade G3NRW
Topic: 1300 Message: 1306

From: Rick Muething <rmuething@...>
Date: Sat, 9 Jul 2011 Time: 09:28:19

>3) Session Keying of FEC Data, ACK, NAK and IDLs. Currently if there is
>any other V4 activity (even weak) on or near the frequency it disrupts the
>protocol by cross contamination of the sessions.

This is why I asked here on 24 June:
~~~~~~
I don't think I ever expected V4 to handle more than one ARQ connection
at a time. But can V4 handle multiple ACKs on a busy frequency arising
from many different (unrelated) connections, ignoring all ACKs other
than the one it expects to hear at any given time?

Or is it possible for V4 to erroneously respond to an ACK belonging to
another (unrelated) connection?
~~~~~~

>This new code creates a
>fairly unique (8 bit) key that is a function (hash) of the two connected call
>signs. Unless your ARQ Session has the exact same key (about 1/256
>chance) it will ignore those other frames. This keyed sync will slow down
>the throughput but only by about 2%. Of course since this is not spread
>spectrum you really can’t expect to have a good QSO with significant
>interference by other stations but it will drastically reduce the effect casual
>weak interference will have on the protocol. A larger key could be used
>but it starts affecting throughput with only very marginal improvement in
>protection so I picked 8 bits

This is a good step in the right direction, but another question: how
does/will V4 handle missing/duplicate frames?

--
73
Ian, G3NRW

1307. Re: [V4Protocol] New Planned Updates

Yahoo group: V4Protocol
Date: 2011-07-10 11:35:31 UTC
From: Rick Muething
Topic: 1300 Message: 1307

Ian,
The Session Keying of the Syncs just reduces the susceptibility to non connected ARQ or FEC session. The trick is to insure the sync key is ignored in decoding the first connect request since the target station doesn't yet know the sync key. I have a scheme for that because the sync key is contain in the CRC of the connect request frame which is only decoded if you are not already connected.

Not sure I follow your question on missing or duplicate frames. Maybe this answers your question.

1) If the ISS sends a frame and it is not ACKed (actually if the ISS does not receive and decode the ACK from the IRS confirming reception by the IRS) it simple repeats the frame until it is ACKed or the link times out. So you can't get a missing frame unless of course the link drops out (typically 90 seconds of no ACKs). Any ACKs received by the ISS that don't match the session ID key are ignored.

2) If the ISS sends a frame and it is received and ACKed by the IRS but the ISS misses the ACK it repeats the frame. But since the IRS keeps an exact copy of the last frame ACKed and passed to the application it compares every received frame to the last ACKed frame. If it is a duplicate frame the IRS will ACK again but NOT pass the duplicate data to the application. This isn't quite bulletproof (what if you really wanted to send to exactly the same 16 character frames sequentially?) but this is very unlikely under normal text conditions unless you are sending say a very long string of the same characters. In WINMOR where you are transmitting exact binary data using multiple carriers each packet carries an 8 bit packet sequence number but that would be more overhead in V4 which is probably not really needed. If it turns out in testing we really feel each frame needs a sequence number it could be added at some expense of throughput.

The real challenge is incorporating some of these features without loading up the overhead which kills the throughput. The keyed sync system I came up with only added 2 symbols per frame (~42 ms)... less than 2%. It will be interesting to see how that works in practice.

Rick KN6KB

From: Ian Wade G3NRW
Sent: Saturday, July 09, 2011 10:47 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New Planned Updates

From: Rick Muething <mailto:rmuething%40cfl.rr.com>
Date: Sat, 9 Jul 2011 Time: 09:28:19

>3) Session Keying of FEC Data, ACK, NAK and IDLs. Currently if there is
>any other V4 activity (even weak) on or near the frequency it disrupts the
>protocol by cross contamination of the sessions.

This is why I asked here on 24 June:
~~~~~~
I don't think I ever expected V4 to handle more than one ARQ connection
at a time. But can V4 handle multiple ACKs on a busy frequency arising
from many different (unrelated) connections, ignoring all ACKs other
than the one it expects to hear at any given time?

Or is it possible for V4 to erroneously respond to an ACK belonging to
another (unrelated) connection?
~~~~~~

>This new code creates a
>fairly unique (8 bit) key that is a function (hash) of the two connected call
>signs. Unless your ARQ Session has the exact same key (about 1/256
>chance) it will ignore those other frames. This keyed sync will slow down
>the throughput but only by about 2%. Of course since this is not spread
>spectrum you really can’t expect to have a good QSO with significant
>interference by other stations but it will drastically reduce the effect casual
>weak interference will have on the protocol. A larger key could be used
>but it starts affecting throughput with only very marginal improvement in
>protection so I picked 8 bits

This is a good step in the right direction, but another question: how
does/will V4 handle missing/duplicate frames?

--
73
Ian, G3NRW

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1388 / Virus Database: 1516/3754 - Release Date: 07/09/11

1308. Re: [V4Protocol] New Planned Updates

Yahoo group: V4Protocol
Date: 2011-07-10 15:12:55 UTC
From: Ian Wade G3NRW
Topic: 1300 Message: 1308

From: Rick Muething <rmuething@...>
Date: Sun, 10 Jul 2011 Time: 07:35:31

>Ian,
>The Session Keying of the Syncs just reduces the susceptibility to non
>connected ARQ or FEC session. The trick is to insure the sync key is
>ignored in decoding the first connect request since the target station
>doesn’t yet know the sync key. I have a scheme for that because the
>sync key is contain in the CRC of the connect request frame which is
>only decoded if you are not already connected.

Sounds good.

>Not sure I follow your question on missing or duplicate frames. Maybe
>this answers your question.

[Snip Rick's answer]

That also sounds good. My main concern was what happens if the original
data was indeed repeated in more than one frame, and how would the
receiving end recognize this without frame sequence numbering. In binary
transfers this is a real possibility, but in a keyboard chat situation
this is unlikely to be an issue.

However, it is my understanding that you will be offering the modem as a
candidate for inclusion in other people's packages. I think you will
need to make it clear that the modem will be unsuitable for reliable
binary transfer, because of the lack of frame sequence numbering.

>
>The real challenge is incorporating some of these features without
>loading up the overhead which kills the throughput.

Agreed.

>It will be interesting to see how that works in practice.

I'm looking forward to trying it!

--
73
Ian, G3NRW

1309. Re: New Planned Updates

Yahoo group: V4Protocol
Date: 2011-07-10 16:18:48 UTC
From: karel Fassotte
Topic: 1300 Message: 1309

Hello rick, althoug I cant participate in the US, european testing. I am testing the software overhere in ecuador in a 1 hop mode at about 500km. I would like to ask, you adressed already, if it is possible to delay the TX/TX timing by software, so radios with a slow AGC will have a possibility to synchronize. I have several radios with a fixed ACG. Te other way would be changing the hardware to make the AGC faster.
Greetings
Karel

1310. Re: [V4Protocol] New Planned Updates

Yahoo group: V4Protocol
Date: 2011-07-10 17:45:18 UTC
From: Rick Muething
Topic: 1300 Message: 1310

Ian,

V4 is not intended for binary transfer. There is already a good and much faster sound card protocol called WINMOR (500 Hz or 1600 Hz BW) that is designed and optimized for binary transfer (including compressed text). V4 is designed and optimized for fairly quick turnaround keyboard sessions using plain text (ASCII or UTF-8 encoding). The only reason one would use V4 for binary transfer is to force the connection into a 200 Hz bandwidth. Better throughput would almost always be achieved using WINMOR and WINMOR has a gear (modulation) shifting mode that dynamically adapts to the channel conditions.

Rick KN6KB

1311. Re: [V4Protocol] Re: New Planned Updates

Yahoo group: V4Protocol
Date: 2011-07-10 17:57:27 UTC
From: Rick Muething
Topic: 1300 Message: 1311

The next beta release will have a mechanism in that automatically measures what I call T>R Latency. That is the delay from the programs release of the PTT line to the first detection of received audio. I am testing this now and for example with my SignaLink USB and TS480 (The SignaLInk releases the PTT when there is no audio being “played” similar to VOX) The measured T>R Latency is about 120 ms with the SignaLink delay set to minimum. That 120 ms is the sum of several components including some latency in the OS and sound card. This really should not have anything to do with AGC timing as most receives come back to receive rapidly regardless of AGC speed. (The AGC speed will of course slow down the response to an over load signal but that should occur only if you are actually monitoring your own transmitter. On my setup I get virtually the same T>R Latency measurement with AGC set to Fast or Slow.

The new release will also include an automatic measurement and auto adjustment of the round trip time (Release of PTT until ACK sync detected). This permits optimizing the timing (including necessary guardbands) based on actual measured values ...which could be unique for each session. This will help with operation using VOX or with SDR Radios.

However if you want to universally be able to operate with very large T>R Latency (say > 300 ms) you would have to impose a large guard band on EVERY connection as this cannot be removed or compensated automatically by the software. Keep in mind most modern transceivers have T>R switching times of < 50 ms. Pactor for example requires T>R switching times < 50 ms.

Rick KN6KB

1312. V4 CHAT

Yahoo group: V4Protocol
Date: 2011-07-10 19:12:05 UTC
From: MR WOODS.
Topic: 704 Message: 1312

AT 101854Z JUL WE HEARD K6KAR. THEY WERE LC BACK HERE, THEN GOT WAEK. WE TRIED TO GET THEIR ATTENTION BUT LUCK. I'M SUSPICOUS ABOUT MY SIGS AND NOT SURE WHAT ELSE I CAN DO. I'VE TRIED TO LOWER MY ALC LEVEL BY ADJUSTING FROMN THE SC PLAY BACK CONTROL. REDUCING THE OUTPUT MUCH MORE THAN 3 OR 4 TICKS FROM THE LEFT (TS-570) WILL DROP OUT THE XMITT SIDE ALL TOGETHER. BEFORE GETTING INTO RMS AND V4 CHAT I MADE THE NEEDED ADJUSTMENTS. MY INTERFACE IS A RIGBLASTER PLUS. ARE THERE ANY STATIONS WORKING V4 USING THE RIGBLASTER? AND WHO HAVE SUCCESS WORKING VH, PLEASE REPLY. THANKS 73 ED WD9DVA

1313. Re: [V4Protocol] V4 CHAT

Yahoo group: V4Protocol
Date: 2011-07-10 20:07:02 UTC
From: Rick Muething
Topic: 704 Message: 1313

Ed,
If you are showing that much ALC you probably have RF feedback into the audio. The Power out ought to be able to be pushed up to about 70 Watts before ANY significant ALC shows on most radios. (Icom's are different ...they always show some ALC). The Power output level also ought to decrease slowly with drive if it jumps around or "falls off the cliff" there is some feedback. None of this has anything to do with V4 or WINMOR...its just basic sound card operation with RF. Suggestions:

1) Always drive the sound card interface into the AUX input...its usually far less sensitive than the Mike input. Use the lowest sensitivity on the aux audio and the highest output level of the sound card interface possible.
2) Use ferrite clamp on chokes on all cables (audio in/out and control)
3) Use a line isolator in the coax from the radio/tuner to the antenna.
4) use a balanced antenna or a good tuner with solid ground. RF in the "shack" will get into the sound card interface.

The help file in V4 shows some sources for the clamp on chokes and Line isolators.

There is rarely one silver bullet...what you are after is 3 or 4 things that each give 5-10 dB improvement or so. Most sound card interfaces are actually pretty poor when it comes to RF isolation and filtering. If you have ever looked into a PTC II you get a feeling for the care and attention they put on RF filtering and isolation....There is a good reason for that especially in modes that use complex waveforms.

Rick KN6KB

1314. Re: [V4Protocol] V4 CHAT

Yahoo group: V4Protocol
Date: 2011-07-10 20:28:09 UTC
From: Ed Woods WD9DVA
Topic: 704 Message: 1314

FORGOT A MINOR POINT; THE FREQ, WAS ON 141073, NOW ON 7073 (USB) ALSO ADDED A COUPLE FERRITES TO A FEW WE ALREADY HAVE INSTALLED. KEEP THING ABT RF. SORRY, 73 ED WD9DVA
----- Original Message -----
From: MR WOODS.
To: V4Protocol@yahoogroups.com
Sent: Sunday, July 10, 2011 19:12
Subject: [V4Protocol] V4 CHAT

AT 101854Z JUL WE HEARD K6KAR. THEY WERE LC BACK HERE, THEN GOT WAEK. WE TRIED TO GET THEIR ATTENTION BUT LUCK. I'M SUSPICOUS ABOUT MY SIGS AND NOT SURE WHAT ELSE I CAN DO. I'VE TRIED TO LOWER MY ALC LEVEL BY ADJUSTING FROMN THE SC PLAY BACK CONTROL. REDUCING THE OUTPUT MUCH MORE THAN 3 OR 4 TICKS FROM THE LEFT (TS-570) WILL DROP OUT THE XMITT SIDE ALL TOGETHER. BEFORE GETTING INTO RMS AND V4 CHAT I MADE THE NEEDED ADJUSTMENTS. MY INTERFACE IS A RIGBLASTER PLUS. ARE THERE ANY STATIONS WORKING V4 USING THE RIGBLASTER? AND WHO HAVE SUCCESS WORKING VH, PLEASE REPLY. THANKS 73 ED WD9DVA

1315. Re: [V4Protocol] V4 CHAT

Yahoo group: V4Protocol
Date: 2011-07-10 20:35:37 UTC
From: Ed Woods WD9DVA
Topic: 704 Message: 1315

Hi Rick thanks for the reply. RF, yes thats what keeps kicking thios old man. One problem cud be the out cable of the Rigblaster is tied to the mic jack of Kenwood TS-570. We'll keep poking around. 73 Ed WD9DVA
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Sunday, July 10, 2011 20:07
Subject: Re: [V4Protocol] V4 CHAT

Ed,
If you are showing that much ALC you probably have RF feedback into the audio. The Power out ought to be able to be pushed up to about 70 Watts before ANY significant ALC shows on most radios. (Icom’s are different ...they always show some ALC). The Power output level also ought to decrease slowly with drive if it jumps around or “falls off the cliff” there is some feedback. None of this has anything to do with V4 or WINMOR...its just basic sound card operation with RF. Suggestions:

1) Always drive the sound card interface into the AUX input...its usually far less sensitive than the Mike input. Use the lowest sensitivity on the aux audio and the highest output level of the sound card interface possible.
2) Use ferrite clamp on chokes on all cables (audio in/out and control)
3) Use a line isolator in the coax from the radio/tuner to the antenna.
4) use a balanced antenna or a good tuner with solid ground. RF in the “shack” will get into the sound card interface.

The help file in V4 shows some sources for the clamp on chokes and Line isolators.

There is rarely one silver bullet...what you are after is 3 or 4 things that each give 5-10 dB improvement or so. Most sound card interfaces are actually pretty poor when it comes to RF isolation and filtering. If you have ever looked into a PTC II you get a feeling for the care and attention they put on RF filtering and isolation....There is a good reason for that especially in modes that use complex waveforms.

Rick KN6KB

1316. Re: New Planned Updates

Yahoo group: V4Protocol
Date: 2011-07-12 12:09:45 UTC
From: la7um
Topic: 1300 Message: 1316

Rick. The research you are doing now, could that be archived for some later thinking IF, I say IF, an FM and FM Repeater optimized version of Winmor appears?

73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> The next beta release will have a mechanism in that automatically measures what I call T>R Latency. That is the delay from the programs release of the PTT line to the first detection of received audio. I am testing this now and for example with my SignaLink USB and TS480 (The SignaLInk releases the PTT when there is no audio being â□□playedâ□□ similar to VOX) The measured T>R Latency is about 120 ms with the SignaLink delay set to minimum. That 120 ms is the sum of several components including some latency in the OS and sound card. This really should not have anything to do with AGC timing as most receives come back to receive rapidly regardless of AGC speed. (The AGC speed will of course slow down the response to an over load signal but that should occur only if you are actually monitoring your own transmitter. On my setup I get virtually the same T>R Latency measurement with AGC set to Fast or Slow.
>
> The new release will also include an automatic measurement and auto adjustment of the round trip time (Release of PTT until ACK sync detected). This permits optimizing the timing (including necessary guardbands) based on actual measured values ...which could be unique for each session. This will help with operation using VOX or with SDR Radios.
>
> However if you want to universally be able to operate with very large T>R Latency (say > 300 ms) you would have to impose a large guard band on EVERY connection as this cannot be removed or compensated automatically by the software. Keep in mind most modern transceivers have T>R switching times of < 50 ms. Pactor for example requires T>R switching times < 50 ms.
>
> Rick KN6KB
>

1317. Re: [V4Protocol] Re: New Planned Updates

Yahoo group: V4Protocol
Date: 2011-07-12 18:52:35 UTC
From: Rick Muething
Topic: 1300 Message: 1317

Finn,

I am making good headway on the round trip correction in V4 and also in measuring the Transmit>Receive switchover time. Those two things can be applied fairly easily to WINMOR.

Here is the problem with trying to automatically handle WINMOR via a repeater.

1) Without a repeater the typical round trip delay (from release of PTT until the returned ACK is detected) is on the order of maybe 400-600 ms. So you could fairly safely put the initial repeat interval (the interval between repeats if an ACK or NAK is mised) at say 1000 ms. Then you could safely adjust that down to something just above (say 100 ms or so above) the actual MEASURED round trip delay. That adjustment optimizes the throughput as a function of the connected station timing.

BUT

2) If you are using a repeater the round trip delay may be say 2-3 seconds. So your initial connection has to start off with a repeat interval of at least that amount (Otherwise you'll be repeating during the received ACK so you would miss it). That adds a lot of time to a connect request which is already slow enough.

The only practical thing you could do is put a flag in the INI file that would set the initial repeat interval very long and live with the slow connect sequence and resulting lower throughput. After the initial ACK is received the repeat interval could be reduced but it would probably have to have some substantial margin over the measured round trip since there is some additional uncertainty going through each repeater.

But the basic problem is operating an ARQ mode through a repeater is VERY inefficient and begs to use very long data cycles to try and recover the throughput. The issue I have is it is just not good engineering trying to spend lots of time and energy trying to fit the square peg in the round hole. In the end the best solution is to engineer the solution correctly from the beginning.

Rick

1318. Re: [V4Protocol] Re: New Planned Updates

Yahoo group: V4Protocol
Date: 2011-07-12 21:22:16 UTC
From: Lyle Johnson
Topic: 1300 Message: 1318

When we developed the TAPR TNC, we added two timing parameters: AXDELAY and AXHANG as I recall. AXDELAY would add a specified delay time to keyup flags-before-data to allow a voice repeater to key up and settle.

As long as subsequent exchanges never exceeded AXHANG from the tail of one to the head of the next, AXDELAY would not be inserted. This way, the additional delay to bring up the repeater was not used unless the repeater had timed out (exceeded AXHANG).

Of course, in those days, we didn't use CTCSS and other delaying things...

73,

Lyle KK7P

> Here is the problem with trying to automatically handle WINMOR via a
> repeater....

1319. Re: New Planned Updates

Yahoo group: V4Protocol
Date: 2011-07-13 17:38:54 UTC
From: la7um
Topic: 1300 Message: 1319

Hi Rick and Lyle. I absolutely see your point of view Rick. You earlier mentioned some asyncron mode with strong fec...I wonder some future RPR alike....

RPR is only 500Hz, asyncron, but maybe not "fec enough" as WINMOR 1600Hz and uneccessary narrow. but the way RPR changes to "extremely long bursts" when first running make my mind twist my brain like the Apollo 13 way of connecting a circular tube into a square hole (according to the movie only).

Winmor, as you know I have proved and posted, works very well running through a NFM Voice repeater. And off course, by longer bursts, the loss of throughput by all the switchings is partly compensated by the longer bursts. Throughput for now falling to abt 6 KB/Min when good signals and one repeater. 2-3 KB/min when addedd a 6m to 70cm Xband repeater in the chain without CTCSS. It stumbles from time to time off course because of non proportional timeouts and not intended to, but still works.

Response delay 1000 (default 100) and leader extension 10, default 0 on server and client through only ONE repeater.

Client ALONE needed increasing leader extension to 23 for also stumbling through the x-band addon into the repeater set in carrier inn = carrier out mode.

That WINMOR 1600Hz mode 2-3 KB/Min still might be pretty much quicker than through a congested multipath 80m during night time. And other more distant stations might need the HF frequences as well.

In areas where infrastructure is devastated, I would think that the very first of priority would be rebuilding a VOICE repeater, and maybe suitable for chaining a X band rpt CTCSS may be a tool, before doing any Packet extra installations.

And only from time to time some digital mail might be needed.

Since you at various occations have mentioned some "philosofical thoughts about a mode more optimized for FM (NFM) then WINMOR OF TODAY is, a new mode maybe might work with longer bursts.

Maybe by integrating results from switching measurements in V4 development and achievements from various fields, developing of V4 slowly may create a spinn off into some future new useful animal for everybody.

Sorry for being Off Topic here, but getting inspired.

Finn/LA7UM

--- In V4Protocol@yahoogroups.com, Lyle Johnson <kk7p@...> wrote:
>
> When we developed the TAPR TNC, we added two timing parameters: AXDELAY
> and AXHANG as I recall. AXDELAY would add a specified delay time to
> keyup flags-before-data to allow a voice repeater to key up and settle.

>
> As long as subsequent exchanges never exceeded AXHANG from the tail of
> one to the head of the next, AXDELAY would not be inserted. This way,
> the additional delay to bring up the repeater was not used unless the
> repeater had timed out (exceeded AXHANG).
>
> Of course, in those days, we didn't use CTCSS and other delaying things...
>
> 73,
>
> Lyle KK7P
>
> > Here is the problem with trying to automatically handle WINMOR via a
> > repeater....
>

1320. Pending V4 Chat release 0.4.0.0

Yahoo group: V4Protocol
Date: 2011-07-19 11:28:00 UTC
From: Rick Muething
Topic: 704 Message: 1320

All,
I have been working a lot on the latest update that should solve a number of observed problems. It still needs more testing on the simulator before beta release but I hope to have it out by the end of the week. It will require EVERYONE switch over as there is a compatibility issue with the current version.
Significant changes:
1) Data, ACK, NAK, and IDL frame keying to a specific ARQ Connection (dramatically reducing the chance of a non connected station/QSO contaminating a connected session.
2) Disconnect sequence to cleanly end a connected session.
3) Improved framing and frame tracking algorithm to accommodate framing errors and sample rate errors up to .2% (2000 ppm.... a pretty large sample rate error)
4) More reliable link changeover IRS>ISS and ISS>IRS.
5) Automatic measurement of your stations PTT Hold latency. (The time the program commands PTT release until it sees first received audio). This will help find and allow fixing of installations with excessive PTT hold or Sound card latency (e.g. slow keying or improper SDR settings).
6) Automatic measurement and optimization of Link timing. Upon initialization the reply time (time from End of data frame to ACK received) is measured and used to optimize link timing. This allow for a longer (more forgiving) initial value but a shorter (maximum throughput) value after automatic optimization. The measured response time in ms is logged. This (along with recovering from a back rev of source required due to to a virus) required a lot of code changes and Help changes. I should be able to get these all cleaned up and tested by the end of the week.
73,
Rick KN6KB

1321. Re: [V4Protocol] Pending V4 Chat release 0.4.0.0

Yahoo group: V4Protocol
Date: 2011-07-19 12:08:51 UTC
From: Dick Lamberson
Topic: 704 Message: 1321

Bring it on! And many thanks! We're looking forward to testing it...
Dick, W4WEB

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Tuesday, July 19, 2011 7:28 AM
Subject: [V4Protocol] Pending V4 Chat release 0.4.0.0

All,

I have been working a lot on the latest update that should solve a number of observed problems. It still needs more testing on the simulator before beta release but I hope to have it out by the end of the week. It will require EVERYONE switch over as there is a compatibility issue with the current version.

Significant changes:

1) Data, ACK, NAK, and IDL frame keying to a specific ARQ Connection (dramatically reducing the chance of a non connected station/QSO contaminating a connected session.

2) Disconnect sequence to cleanly end a connected session.

3) Improved framing and frame tracking algorithm to accommodate framing errors and sample rate errors up to .2% (2000 ppm.... a pretty large sample rate error)

4) More reliable link changeover IRS>ISS and ISS>IRS.

5) Automatic measurement of your stations PTT Hold latency. (The time the program commands PTT release until it sees first received audio). This will help find and allow fixing of installations with excessive PTT hold or Sound card latency (e.g. slow keying or improper SDR settings).

6) Automatic measurement and optimization of Link timing. Upon initialization the reply time (time from End of data frame to ACK received) is measured and used to optimize link timing. This allow for a longer (more forgiving) initial value but a shorter (maximum throughput) value after automatic optimization. The measured response time in ms is logged.

This (along with recovering from a back rev of source required due to to a virus) required a lot of code changes and Help changes. I should be able to get these all cleaned up and tested by the end of the week.

73,

Rick KN6KB

1322. AW: [V4Protocol] Pending V4 Chat release 0.4.0.0

Yahoo group: V4Protocol
Date: 2011-07-19 13:04:53 UTC
From: Siegfried Jackstien
Topic: 704 Message: 1322

So we wait for end of the week :-)
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Dienstag, 19. Juli 2011 11:28
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Pending V4 Chat release 0.4.0.0
>
>
>
> All,
>
> I have been working a lot on the latest update that should solve a number
> of observed problems. It still needs more testing on the simulator before
> beta release but I hope to have it out by the end of the week. It will
> require EVERYONE switch over as there is a compatibility issue with the
> current version.
>
> Significant changes:
>
> 1) Data, ACK, NAK, and IDL frame keying to a specific ARQ Connection
> (dramatically reducing the chance of a non connected station/QSO
> contaminating a connected session.
>
> 2) Disconnect sequence to cleanly end a connected session.
>
> 3) Improved framing and frame tracking algorithm to accommodate framing
> errors and sample rate errors up to .2% (2000 ppm.... a pretty large
> sample rate error)
>
> 4) More reliable link changeover IRS>ISS and ISS>IRS.
>
> 5) Automatic measurement of your stations PTT Hold latency. (The time the
> program commands PTT release until it sees first received audio). This
> will help find and allow fixing of installations with excessive PTT hold
> or Sound card latency (e.g. slow keying or improper SDR settings).
>
> 6) Automatic measurement and optimization of Link timing. Upon
> initialization the reply time (time from End of data frame to ACK
> received) is measured and used to optimize link timing. This allow for a
> longer (more forgiving) initial value but a shorter (maximum throughput)
> value after automatic optimization. The measured response time in ms is

> logged.
>
> This (along with recovering from a back rev of source required due to to a
> virus) required a lot of code changes and Help changes. I should be able
> to get these all cleaned up and tested by the end of the week.
>
> 73,
>
> Rick KN6KB
>
>

1323. Re: [V4Protocol] Pending V4 Chat release 0.4.0.0

Yahoo group: V4Protocol
Date: 2011-07-19 13:18:52 UTC
From: Yussuf
Topic: 704 Message: 1323

Looks good,
Summer vacation here, 2nd day of 5 weeks!

I'm located now in KP42en and going soon to Lapland, there in mr. Santa Claus Land I will load v. 4.0.0.0 and be QRV in loc KP36cp by solar powered 180 Ah battery.
I can run 100W to dipole there
--
73's OH7TE "Yussi"

1324. Re: Pending V4 Chat release 0.4.0.0

Yahoo group: V4Protocol
Date: 2011-07-19 21:00:42 UTC
From: la7um
Topic: 704 Message: 1324

Yussy. I wonder if you'll manage LA3F-5 on WINMOR from Lapland as well.
That would have been nice on 80m. I remote "see" you running now from KP20IE. You probably need goin 20m to Marc in Holland I presume.
73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, Yussuf <yufenau@...> wrote:
>
> Looks good,
> Summer vacation here, 2nd day of 5 weeks!
>
> I'm located now in KP42en and going soon to Lapland, there in mr. Santa
> Claus Land I will load v. 4.0.0.0 and be QRV in loc KP36cp by solar
> powered 180 Ah battery.
> I can run 100W to dipole there
> --
> 73's OH7TE "Yussi"
>

1325. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-07-21 11:55:51 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1325

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4ChatSetup 0.4.0.0.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4 Chat 0.4.0.0 full install with V4 TNC 0.4.0.0 and revision history

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4ChatSetup%200.4.0.0.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1326. New Beta Version of V4 Chat 0.4.0.0 uploaded to Yahoo FTP.

Yahoo group: V4Protocol
Date: 2011-07-21 12:12:01 UTC
From: kn6kb
Topic: 1326 Message: 1326

All.

I have updloaded the latest test release of V4 Chat and V4 TNC. This has extensive changes some making it incompatible with prior versions so all should download this version. I have done some extensive testing but with the magnitude of the changes there are likely some latent bugs.

You will have to uninstall the current V4 Chat and then download and unzip the install file. No settings will be lost.(ini file is left intact).

Significant Changes:
1) Data, ACK, NAK, and IDL frames now "keyed" to a connected session (call sign pair). The should dramatically reduce chance of cross session contamination.
2) Rework of IRS<>ISS change over with state table change.
3) Addition of automatic R>T Latency measurement
4) Addition of automatic ARQ cycle timing based on round trip measurement each session
5) Addition of END function for clean and fast ARQ session End.
6) Rollback leader detection to Rev 0.1.7.4
7) Implement reduced tuning range when ARQ connected.
8) Implement auto CW ID upon ARQ session end if CW ID enabled.
9) Improved Symbol framing using phase measurement of leader
10)Expanded stat collection of ARQ sessions when debug log enabled
11) Updated V4TNC Help and V4 Chat help.

Please be certain to read the Help section on T>R Latency. There has been major updates to the help ...please read!

If you have problems be sure to follow the standard procedure:
Enable debug logging
Note the approximate UTC time the problem was observed
Explain the problem as best you can
Send me the V4 TNC debug log as an attachment. Both ends of the session if possible.

Good Luck.

Rick KN6KB

1327. Re: New Beta Version of V4 Chat 0.4.0.0 uploaded to Yahoo FTP.

Yahoo group: V4Protocol
Date: 2011-07-21 14:23:54 UTC
From: Russ Tower
Topic: 1326 Message: 1327

Russ Tower
russtower@...
2011-07-21
10:14:26

Up and running with the new version this morning. My measured T>R latency: 47 ms

Saw and called WB2LOU, K8LEN and KC3OL who were calling CQ in ARQ mode on 14.073.00 between 13:00 and 14:20 UTC but no connects.
I did see K8LEN calling me, but there was no connection.

73/Russ

1328. Re: [V4Protocol] Re: New Beta Version of V4 Chat 0.4.0.0 uploaded to Yahoo FTP.

Yahoo group: V4Protocol
Date: 2011-07-21 14:36:36 UTC
From: Rick Muething
Topic: 1326 Message: 1328

Thanks Russ... Interested in knowing your hardware configuration that goes along with that relatively fast Latency measurement. Ted got between 225 and 250 ms with an SDR and VAC but was able to bring that down under 200 by tweaking the VAC buffer parameters.

If you could read the “*** Connect Request YourCall de Callers Call” in the Session window that means it correctly decoded the connect request frame and that should establish the connection (if you are ARQ mode of course ... In FEC mode there is no connection of course). Your end should start ACKing with each received Connect Request or IDL frame. Of course if the other side misses your ACKs the link will timeout quickly. (I have the call now limited to 30 seconds).

73,

Rick KN6KB

1329. Re: [V4Protocol] Re: New Beta Version of V4 Chat 0.4.0.0 uploaded to Yahoo FTP.

Yahoo group: V4Protocol
Date: 2011-07-21 15:03:53 UTC
From: Ted Trostle
Topic: 1326 Message: 1329

I saw the attempts, but propagation was just terrible...we will get there soon !!

On Thu, Jul 21, 2011 at 10:23 AM, Russ Tower <russtower@...> wrote:

> **
>
>
> **
>
> Russ Tower
> russtower@...
> 2011-07-21
> 10:14:26
>
> Up and running with the new version this morning. My
> measured T>R latency: 47 ms
>
> Saw and called WB2LOU, K8LEN and KC3OL who were calling CQ in ARQ mode on
> 14.073.00 between 13:00 and 14:20 UTC but no connects.
> I did see K8LEN calling me, but there was no connection.
>
> 73/Russ
>
>
>
>

--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is incurable.

1330. Re: New Beta Version of V4 Chat 0.4.0.0 uploaded to Yahoo FTP.

Yahoo group: V4Protocol
Date: 2011-07-21 15:12:13 UTC
From: k1dow_4
Topic: 1326 Message: 1330

Rick,

My radio is a Yaesu FT-840. The Computer is a home assembled one with a 2.80 Ghz CPU. The interface is a simple transistor circuit that I put together quite some years back that keys the PTT line on the FT-840. Hope this helps..

73/Russ

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Thanks Russ... Interested in knowing your hardware configuration that goes along with that relatively fast Latency measurement. Ted got between 225 and 250 ms with an SDR and VAC but was able to bring that down under 200 by tweaking the VAC buffer parameters.
>
> If you could read the â□□*** Connect Request YourCall de Callers Callâ□□ in the Session window that means it correctly decoded the connect request frame and that should establish the connection (if you are ARQ mode of course ... In FEC mode there is no connection of course). Your end should start ACKing with each received Connect Request or IDL frame. Of course if the other side misses your ACKs the link will timeout quickly. (I have the call now limited to 30 seconds).
>
> 73,
>
> Rick KN6KB
>

1331. RE: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-07-21 17:35:02 UTC
From: Ray
Topic: 43 Message: 1331

Straight out of the box and working like a champ! First call was to Bernie up in Canada and we carried on for a few minutes before I had to run. Looks excellent at this point. Many thanks for the new update.

Ray KB0E

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
Sent: Thursday, July 21, 2011 6:56 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] New file uploaded to V4Protocol

Hello,

This email message is a notification to let you know that a file has been uploaded to the Files area of the V4Protocol group.

File : /V4ChatSetup 0.4.0.0.zip
Uploaded by : kn6kb <rmuething@...
<mailto:rmuething%40cfl.rr.com> >
Description : V4 Chat 0.4.0.0 full install with V4 TNC 0.4.0.0 and revision history

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4ChatSetup%200.4.0.0.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@... <mailto:rmuething%40cfl.rr.com> >

1332. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-07-21 17:46:21 UTC
From: Ed Woods WD9DVA
Topic: 43 Message: 1332

hey ois anyone working 7063 anymore? Ed WD9DVA
----- Original Message -----
From: Ray
To: V4Protocol@yahoogroups.com
Sent: Thursday, July 21, 2011 17:35
Subject: RE: [V4Protocol] New file uploaded to V4Protocol

Straight out of the box and working like a champ! First call was to Bernie up in Canada and we carried on for a few minutes before I had to run. Looks excellent at this point. Many thanks for the new update.

Ray KB0E

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
Sent: Thursday, July 21, 2011 6:56 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] New file uploaded to V4Protocol

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4ChatSetup 0.4.0.0.zip
Uploaded by : kn6kb <rmuething@....com>
Description : V4 Chat 0.4.0.0 full install with V4 TNC 0.4.0.0 and revision history

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4ChatSetup%200.4.0.0.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1333. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-07-21 17:55:15 UTC
From: Rick Muething
Topic: 43 Message: 1333

Thanks Ray,
A few bugs reported that I'll hunt down nothing that can't be fixed. I think it should work pretty solid after another minor rev.

Rick KN6KB

1334. RE: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-07-21 19:16:37 UTC
From: Ray
Topic: 43 Message: 1334
Attachments: 1 described; binary payloads are missing from this source WARC

Rick

Did have a bit of a problem staying connected this afternoon. My computer was not returning the ack signal that I was receiving from the other station and would of course time out. On other occasion it would just drop the link with the other station. It appeared to be a quality signal, but with some QSB and QRM.

Attached is the DEBUG log. Set up is ASUS mother board, 2.4 chip, 1.24gig of RAM, 80 gig hard drive, XP SP3.

Many thanks for the upgrade, despite this, it looks to be a winner.

Ray KB0E

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Thursday, July 21, 2011 12:55 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Thanks Ray,

A few bugs reported that I'll hunt down nothing that can't be fixed. I think it should work pretty solid after another minor rev.

Rick KN6KB

1335. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-07-21 19:35:25 UTC
From: Rick Muething
Topic: 43 Message: 1335

Ray,
This is an interesting log that shows a very specific problem that should not happen. I will have to look into it. See my notes with “<<<<” in your log snippet below. I should be able to find this burning more midnight oil!

Rick KN6KB

2011/07/21 18:18:51.20 [0.4.0.0] New ARQ State: IRSSync
2011/07/21 18:18:51.45 [0.4.0.0] [ProcessSymbol] Ptr Adj:4 ID:2112 FEC:0003 ACK:0200 NAK:0280 IDL:0281
2011/07/21 18:18:51.45 [0.4.0.0] New ARQ State: Receiving
2011/07/21 18:18:54.14 [0.4.0.0] Frame Decode: Score=100; S/N=6; Accumulated Frame Adjust=88 <<<< FEC Frame received excellent signal and score
2011/07/21 18:18:54.15 [0.4.0.0] ARQ Decoded Text (OK): here k
2011/07/21 18:18:54.15 [0.4.0.0] [V4Port.SendData]: here k
2011/07/21 18:18:54.15 [0.4.0.0] New ARQ State: TransmitACK
2011/07/21 18:18:54.50 [0.4.0.0] [SendCommand] PTT True
2011/07/21 18:18:54.50 [0.4.0.0] [PlaySoundStream] Play: V4FSK ARQ ACK
2011/07/21 18:18:54.90 [0.4.0.0] [SendCommand] PTT False
2011/07/21 18:18:54.90 [0.4.0.0] New ARQ State: IRSWaitLeader
2011/07/21 18:18:57.87 [0.4.0.0] New ARQ State: IRSSync
2011/07/21 18:18:58.15 [0.4.0.0] [ProcessSymbol] Ptr Adj:-4 ID:2112 FEC:0284 ACK:0348 NAK:0277 IDL:0008 <<< IDL received, ISS now has no more data to send.
2011/07/21 18:18:58.15 [0.4.0.0] [ProcessIDLs] IDL received, bytOBlength:0 DataFrameReceived=True
2011/07/21 18:18:58.17 [0.4.0.0] New ARQ State: TransmitACK
2011/07/21 18:18:58.50 [0.4.0.0] [SendCommand] PTT True
2011/07/21 18:18:58.50 [0.4.0.0] [PlaySoundStream] Play: V4FSK ARQ ACK
2011/07/21 18:18:58.92 [0.4.0.0] [SendCommand] PTT False
2011/07/21 18:18:58.92 [0.4.0.0] New ARQ State: IRSWaitLeader
2011/07/21 18:18:59.15 [0.4.0.0] [V4Interface.DataToSend]: <Lf><Lf> YOU LIKE TO HAVE BLOWN ME OUT OF THE SHACK. HI HI LOOKS LIKE THEY HAVE REALLY GOT A WINNER THIS TIME. K
2011/07/21 18:18:59.45 [0.4.0.0] New ARQ State: IRSSync
2011/07/21 18:18:59.70 [0.4.0.0] [ProcessSymbol] Ptr Adj:-4 ID:2112 FEC:0284 ACK:0346 NAK:0279 IDL:0006 <<< Another IDL received from ISS
2011/07/21 18:18:59.70 [0.4.0.0] [ProcessIDLs] IDL received, bytOBlength:110 DataFrameReceived=True <<< Now you have data to send
2011/07/21 18:18:59.71 [0.4.0.0] [ProcessIDLs] Auto ID: KB0E
2011/07/21 18:18:59.71 [0.4.0.0] New ARQ State: TransmitACK
2011/07/21 18:19:00.50 [0.4.0.0] [SendCommand] PTT True
2011/07/21 18:19:00.50 [0.4.0.0] [PlaySoundStream] Play: V4FSK ARQ IDL <<<The IRS replies with an IDL requesting to become the ISS This should be repeated until ACKed by the ISS but isn’t that is why the link didn’t switch over
2011/07/21 18:19:00.90 [0.4.0.0] [SendCommand] PTT False
2011/07/21 18:19:00.90 [0.4.0.0] New ARQ State: IRSWaitLeader

```
2011/07/21 18:19:01.96 [0.4.0.0] New ARQ State: IRSSync
2011/07/21 18:19:02.23 [0.4.0.0] [ProcessSymbol] Ptr Adj:4 ID:2112 FEC:0287 ACK:0350
NAK:0275 IDL:0014
2011/07/21 18:19:02.25 [0.4.0.0] [ProcessIDLs] IDL received, bytOBlength:116
DataFrameReceived=True
2011/07/21 18:19:02.35 [0.4.0.0] New ARQ State: IRSWaitLeader
2011/07/21 18:19:04.50 [0.4.0.0] New ARQ State: IRSSync
2011/07/21 18:19:04.76 [0.4.0.0] [ProcessSymbol] Ptr Adj:-4 ID:2112 FEC:0284 ACK:0347
NAK:0279 IDL:0005
2011/07/21 18:19:04.76 [0.4.0.0] [ProcessIDLs] IDL received, bytOBlength:116
DataFrameReceived=True
2011/07/21 18:19:04.84 [0.4.0.0] New ARQ State: IRSWaitLeader
2011/07/21 18:19:07.00 [0.4.0.0] New ARQ State: IRSSync
2011/07/21 18:19:07.29 [0.4.0.0] [ProcessSymbol] Ptr Adj:-4 ID:2112 FEC:0283 ACK:0346
NAK:0281 IDL:0004
2011/07/21 18:19:07.31 [0.4.0.0] [ProcessIDLs] IDL received, bytOBlength:116
DataFrameReceived=True
2011/07/21 18:19:07.37 [0.4.0.0] New ARQ State: IRSWaitLeader
2011/07/21 18:19:09.54 [0.4.0.0] New ARQ State: IRSSync
```

1336. Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-07-21 20:45:56 UTC
From: ham
Topic: 43 Message: 1336

Rick: I have the other end's log if you need it.

73, Bernie

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Ray,
> This is an interesting log that shows a very specific problem that should not happen. I will have to look into it. See my notes with â□□<<<<â□□ in your log snippet below. I should be able to find this burning more midnight oil!
>
> Rick KN6KB
>
> 2011/07/21 18:18:51.20 [0.4.0.0] New ARQ State: IRSSync
> 2011/07/21 18:18:51.45 [0.4.0.0] [ProcessSymbol] Ptr Adj:4 ID:2112 FEC:0003 ACK:0200 NAK:0280 IDL:0281
> 2011/07/21 18:18:51.45 [0.4.0.0] New ARQ State: Receiving
> 2011/07/21 18:18:54.14 [0.4.0.0] Frame Decode: Score=100; S/N=6; Accumulated Frame Adjust=88 <<<< FEC Frame received excellent signal and score
> 2011/07/21 18:18:54.15 [0.4.0.0] ARQ Decoded Text (OK): here k
> 2011/07/21 18:18:54.15 [0.4.0.0] [V4Port.SendData]: here k
> 2011/07/21 18:18:54.15 [0.4.0.0] New ARQ State: TransmitACK
> 2011/07/21 18:18:54.50 [0.4.0.0] [SendCommand] PTT True
> 2011/07/21 18:18:54.50 [0.4.0.0] [PlaySoundStream] Play: V4FSK ARQ ACK
> 2011/07/21 18:18:54.90 [0.4.0.0] [SendCommand] PTT False
> 2011/07/21 18:18:54.90 [0.4.0.0] New ARQ State: IRSWaitLeader
> 2011/07/21 18:18:57.87 [0.4.0.0] New ARQ State: IRSSync
> 2011/07/21 18:18:58.15 [0.4.0.0] [ProcessSymbol] Ptr Adj:-4 ID:2112 FEC:0284 ACK:0348 NAK:0277 IDL:0008 <<< IDL received, ISS now has no more data to send.
> 2011/07/21 18:18:58.15 [0.4.0.0] [ProcessIDLs] IDL received, bytOBlength:0 DataFrameReceived=True
> 2011/07/21 18:18:58.17 [0.4.0.0] New ARQ State: TransmitACK
> 2011/07/21 18:18:58.50 [0.4.0.0] [SendCommand] PTT True
> 2011/07/21 18:18:58.50 [0.4.0.0] [PlaySoundStream] Play: V4FSK ARQ ACK
> 2011/07/21 18:18:58.92 [0.4.0.0] [SendCommand] PTT False
> 2011/07/21 18:18:58.92 [0.4.0.0] New ARQ State: IRSWaitLeader
> 2011/07/21 18:18:59.15 [0.4.0.0] [V4Interface.DataToSend]: <Lf><Lf> YOU LIKE TO HAVE BLOWN ME OUT OF THE SHACK. HI HI LOOKS LIKE THEY HAVE REALLY GOT A WINNER THIS TIME. K
> 2011/07/21 18:18:59.45 [0.4.0.0] New ARQ State: IRSSync
> 2011/07/21 18:18:59.70 [0.4.0.0] [ProcessSymbol] Ptr Adj:-4 ID:2112 FEC:0284 ACK:0346 NAK:0279 IDL:0006 <<< Another IDL received from ISS
> 2011/07/21 18:18:59.70 [0.4.0.0] [ProcessIDLs] IDL received, bytOBlength:110 DataFrameReceived=True <<< Now you have data to send
> 2011/07/21 18:18:59.71 [0.4.0.0] [ProcessIDLs] Auto ID: KB0E
> 2011/07/21 18:18:59.71 [0.4.0.0] New ARQ State: TransmitACK
> 2011/07/21 18:19:00.50 [0.4.0.0] [SendCommand] PTT True
> 2011/07/21 18:19:00.50 [0.4.0.0] [PlaySoundStream] Play: V4FSK ARQ IDL <<<The IRS replies with an IDL

requesting to become the ISS This should be repeated until ACKed by the ISS but isnâ□□t that is why the link didnâ□□t switch over
> 2011/07/21 18:19:00.90 [0.4.0.0] [SendCommand] PTT False
> 2011/07/21 18:19:00.90 [0.4.0.0] New ARQ State: IRSWaitLeader
> 2011/07/21 18:19:01.96 [0.4.0.0] New ARQ State: IRSSync
> 2011/07/21 18:19:02.23 [0.4.0.0] [ProcessSymbol] Ptr Adj:4 ID:2112 FEC:0287 ACK:0350 NAK:0275 IDL:0014
> 2011/07/21 18:19:02.25 [0.4.0.0] [ProcessIDLs] IDL received, bytOBlength:116 DataFrameReceived=True
> 2011/07/21 18:19:02.35 [0.4.0.0] New ARQ State: IRSWaitLeader
> 2011/07/21 18:19:04.50 [0.4.0.0] New ARQ State: IRSSync
> 2011/07/21 18:19:04.76 [0.4.0.0] [ProcessSymbol] Ptr Adj:-4 ID:2112 FEC:0284 ACK:0347 NAK:0279 IDL:0005
> 2011/07/21 18:19:04.76 [0.4.0.0] [ProcessIDLs] IDL received, bytOBlength:116 DataFrameReceived=True
> 2011/07/21 18:19:04.84 [0.4.0.0] New ARQ State: IRSWaitLeader
> 2011/07/21 18:19:07.00 [0.4.0.0] New ARQ State: IRSSync
> 2011/07/21 18:19:07.29 [0.4.0.0] [ProcessSymbol] Ptr Adj:-4 ID:2112 FEC:0283 ACK:0346 NAK:0281 IDL:0004
> 2011/07/21 18:19:07.31 [0.4.0.0] [ProcessIDLs] IDL received, bytOBlength:116 DataFrameReceived=True
> 2011/07/21 18:19:07.37 [0.4.0.0] New ARQ State: IRSWaitLeader
> 2011/07/21 18:19:09.54 [0.4.0.0] New ARQ State: IRSSync
>

1337. Re: [V4Protocol] Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-07-22 00:36:53 UTC
From: Rick Muething
Topic: 43 Message: 1337

Bernie,

Yes please send it I will work on it tomorrow.
Thanks,

Rick KN6KB

1338. 7073

Yahoo group: V4Protocol
Date: 2011-07-22 20:19:41 UTC
From: MR WOODS.
Topic: 1338 Message: 1338

HELLO W9IB (HARRY) & WB2LOU WE GOT 7073 ABT 221944Z JUL. THE BAND SEEMS TO BE DEAD (I'M KIND). WE DID HEAR WB2LOOU AT 1944Z BUT VERY WEAK, THE CQ CALL COME ACROSS THE MONITOR. HARRY WE'LL TRY AGAIN ON THE 23RD AT ABT 1900Z. THANKS 73 ED WD9DVA

1339. Data Port

Yahoo group: V4Protocol
Date: 2011-07-22 21:51:20 UTC
From: jgmags2000
Topic: 1339 Message: 1339

IN my setup screen the DATA PORT is greyed out. Should it be? and if not how do I correct it? The TNC port is 8510. Even though I have been able to connect to either a CQ or answering a CQ stations, that's all that happens. When in ISS mode none of my typing, after keying CTRL/ENTER , goes into the buffer and then the connection times out.Do I need to submit the logs? I have read the help files and haven't found an answer.

Thanks in advance, 73, John KJ1J

Operating systems is Windows 7Pro 64bit

1340. testing V4 on 10131 2225Z 22 July someone

Yahoo group: V4Protocol
Date: 2011-07-22 22:24:46 UTC
From: Dick Lamberson
Topic: 1340 Message: 1340

Looking for someone on 10131khz
Dick, W4WEB

1341. Re: [V4Protocol] Data Port

Yahoo group: V4Protocol
Date: 2011-07-22 22:57:50 UTC
From: Ed Woods WD9DVA
Topic: 1339 Message: 1341

we heard kj1j at 222030z very weak on 20M. Ed WD9DVA

----- Original Message -----
From: jgmags2000
To: V4Protocol@yahoogroups.com
Sent: Friday, July 22, 2011 21:51
Subject: [V4Protocol] Data Port

IN my setup screen the DATA PORT is greyed out. Should it be? and if not how do I correct it? The TNC port is 8510. Even though I have been able to connect to either a CQ or answering a CQ stations, that's all that happens. When in ISS mode none of my typing, after keying CTRL/ENTER , goes into the buffer and then the connection times out.Do I need to submit the logs? I have read the help files and haven't found an answer.

Thanks in advance, 73, John KJ1J

Operating systems is Windows 7Pro 64bit

1342. Re: [V4Protocol] Data Port

Yahoo group: V4Protocol
Date: 2011-07-23 00:00:30 UTC
From: Rick Muething
Topic: 1339 Message: 1342

Ed,
As described in the help the data port is ALWAYS one above the Control port. Its grayed out because you can’t set it. You can select the control port which in turn sets the data port to the next sequential port. It’s all there in the help.

I am doing some additional updates....that may address the details of you problem but in general when you tell me something is broken and don’t supply me any debug log files and point me to where (UTC Time) you observed the problem it is most often a waste of time. Read the help section on logs for the best way to use the logs...it works and it is the only way I can get detail. In programming as in life the devil is in the details!

Rick KN6KB

From: jgmags2000
Sent: Friday, July 22, 2011 5:51 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Data Port

IN my setup screen the DATA PORT is greyed out. Should it be? and if not how do I correct it? The TNC port is 8510. Even though I have been able to connect to either a CQ or answering a CQ stations, that's all that happens. When in ISS mode none of my typing, after keying CTRL/ENTER , goes into the buffer and then the connection times out.Do I need to submit the logs? I have read the help files and haven't found an answer.

Thanks in advance, 73, John KJ1J

Operating systems is Windows 7Pro 64bit

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1390 / Virus Database: 1518/3781 - Release Date: 07/22/11

1343. First test on 80m

Yahoo group: V4Protocol
Date: 2011-07-23 06:02:17 UTC
From: oh5rm
Topic: 1343 Message: 1343

Yesterday evening tested with OH7JJT.
Made the following remarks:
- When calling ARQ CQ, five transmissions were made, then display
*** Calling CQ de OH5RM
*** DISCONNECTED ARQ Timeout... Outbound buffer purged.
*** Sending CWID DE OH5RM.

I think no CWID was sent. After abt. 10sec TX was forced to transmit, but no audio. This transmit last for ever unles you use "Abort" which then stops tx-on and sends CWID. Maybe there is something wrong in FT817 command string. PTT ON CMD=08, PTT OFF CMD=88

The other problem was the BUSY indicator which for the most was on red so preventing the answer to calling station on otherwise clear channel.
Is there any way to inactivate the detector? I tried to vary the sensivity but no help.

73 Jouko OH5RM

1344. Re: First test on 80m

Yahoo group: V4Protocol
Date: 2011-07-23 08:03:52 UTC
From: Bob Thornton
Topic: 1343 Message: 1344

This mirrors exactly what I have seen with my FT897. I first (Thursday) had problems which were of my own making and thought perhaps I had not got everything restored properly after much fiddling, but now I will send my log in as it is certainly not right. The CWID is visible on the waterfall but the TX is not keyed when it is sent but TX is keyed AFTER the tones stop so behaving as if the TX key logic is inverted when CWID is invoked. I will do one quick test with CWID disabled before I send my logs in. TX keying is by CAT control.

Bob
G3WKW

--- In V4Protocol@yahoogroups.com, "oh5rm" <jn@...> wrote:
>
> Yesterday evening tested with OH7JJT.
> Made the following remarks:
> - When calling ARQ CQ, five transmissions were made, then display
> *** Calling CQ de OH5RM
> *** DISCONNECTED ARQ Timeout... Outbound buffer purged.
> *** Sending CWID DE OH5RM.
>
> I think no CWID was sent. After abt. 10sec TX was forced to transmit, but no audio. This transmit last for ever unles you use "Abort" which then stops tx-on and sends CWID. Maybe there is something wrong in FT817 command string. PTT ON CMD=08, PTT OFF CMD=88
>
> The other problem was the BUSY indicator which for the most was on red so preventing the answer to calling station on otherwise clear channel.
> Is there any way to inactivate the detector? I tried to vary the sensivity but no help.
>
> 73 Jouko OH5RM
>

1345. Re: [V4Protocol] Re: First test on 80m

Yahoo group: V4Protocol
Date: 2011-07-23 08:08:48 UTC
From: John, VK5PO
Topic: 1343 Message: 1345

FEC FD qso's seem ok...ARQ will not work,
Also, My CW id was never sent at all too!
John, VK5PO

On 23/07/2011 5:33 PM, Bob Thornton wrote:
> This mirrors exactly what I have seen with my FT897. I first (Thursday) had problems which were of my own making and thought perhaps I had not got everything restored properly after much fiddling, but now I will send my log in as it is certainly not right. The CWID is visible on the waterfall but the TX is not keyed when it is sent but TX is keyed AFTER the tones stop so behaving as if the TX key logic is inverted when CWID is invoked. I will do one quick test with CWID disabled before I send my logs in. TX keying is by CAT control.
>
> Bob
> G3WKW
>
>
> --- In V4Protocol@yahoogroups.com, "oh5rm"<jn@...> wrote:
>> Yesterday evening tested with OH7JJT.
>> Made the following remarks:
>> - When calling ARQ CQ, five transmissions were made, then display
>> *** Calling CQ de OH5RM
>> *** DISCONNECTED ARQ Timeout... Outbound buffer purged.
>> *** Sending CWID DE OH5RM.
>>
>> I think no CWID was sent. After abt. 10sec TX was forced to transmit, but no audio. This transmit last for ever unles you use "Abort" which then stops tx-on and sends CWID. Maybe there is something wrong in FT817 command string. PTT ON CMD=08, PTT OFF CMD=88
>>
>> The other problem was the BUSY indicator which for the most was on red so preventing the answer to calling station on otherwise clear channel.
>> Is there any way to inactivate the detector? I tried to vary the sensivity but no help.
>>
>> 73 Jouko OH5RM
>>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

1346. Re: [V4Protocol] Re: First test on 80m

Yahoo group: V4Protocol
Date: 2011-07-23 12:51:33 UTC
From: Ted Trostle
Topic: 1343 Message: 1346

I believe Rick is aware of the CWID and keying issues. You should send him your logs and note what the UTC time was you had the problem.

Ted, WB2LOU

On Sat, Jul 23, 2011 at 4:08 AM, John, VK5PO <vk5po@...> wrote:

> **
>
>
> FEC FD qso's seem ok...ARQ will not work,
> Also, My CW id was never sent at all too!
> John, VK5PO
>
>
> On 23/07/2011 5:33 PM, Bob Thornton wrote:
> > This mirrors exactly what I have seen with my FT897. I first (Thursday) had problems which were of my own making and thought perhaps I had not got everything restored properly after much fiddling, but now I will send my log in as it is certainly not right. The CWID is visible on the waterfall but the TX is not keyed when it is sent but TX is keyed AFTER the tones stop so behaving as if the TX key logic is inverted when CWID is invoked. I will do one quick test with CWID disabled before I send my logs in. TX keying is by CAT control.
> >
> > Bob
> > G3WKW
> >
> >
> > --- In V4Protocol@yahoogroups.com, "oh5rm"<jn@...> wrote:
> >> Yesterday evening tested with OH7JJT.
> >> Made the following remarks:
> >> - When calling ARQ CQ, five transmissions were made, then display
> >> *** Calling CQ de OH5RM
> >> *** DISCONNECTED ARQ Timeout... Outbound buffer purged.
> >> *** Sending CWID DE OH5RM.
> >>
> >> I think no CWID was sent. After abt. 10sec TX was forced to transmit, but no audio. This transmit last for ever unles you use "Abort" which then stops tx-on and sends CWID. Maybe there is something wrong in FT817 command string. PTT ON CMD=08, PTT OFF CMD=88
> >>
> >> The other problem was the BUSY indicator which for the most was on red so preventing the answer to calling station on otherwise clear channel.
> >> Is there any way to inactivate the detector? I tried to vary the sensivity but no help.

> >>
> >> 73 Jouko OH5RM
> >>
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
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>
>

--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is
incurable.

1347. User Files

Yahoo group: V4Protocol
Date: 2011-07-23 15:54:30 UTC
From: Harry Gilling
Topic: 1347 Message: 1347

User files have worked very well; however, in the latest version Paste and Paste and Send are greyed out and do not work. I have reloaded all of the brag files and the greyed out remains. Any suggestions. Thanks

Harry W9IB

1348. Re: [V4Protocol] User Files

Yahoo group: V4Protocol
Date: 2011-07-23 16:47:27 UTC
From: Ted Trostle
Topic: 1347 Message: 1348

I thought they only were useable in FEC mode not ARQ

Ted WB2LOU

On Sat, Jul 23, 2011 at 11:54 AM, Harry Gilling <w9ib73@...> wrote:

> **
>
>
> User files have worked very well; however, in the latest version Paste and
> Paste and Send are greyed out and do not work. I have reloaded all of the
> brag files and the greyed out remains. Any suggestions. Thanks
>
> Harry W9IB
>
>

--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is
incurable.

1349. Re: [V4Protocol] User Files

Yahoo group: V4Protocol
Date: 2011-07-23 19:52:52 UTC
From: Rick Muething
Topic: 1347 Message: 1349

As described in the Help user files can be used on either FEC or ARQ modes. However they are not active in ARQ mode until AFTER a connection is established. In ARQ mode you can’t transmit any data until you are “Connected” as per the mechanism described in the help.

Rick KN6KB

1350. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-07-24 13:55:09 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1350

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4 Chat 0.4.1.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.4.1.0 Full Install

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4%20Chat%200.4.1.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1351. New Beta release V4 Chat 0.4.1.0

Yahoo group: V4Protocol
Date: 2011-07-24 14:02:51 UTC
From: kn6kb
Topic: 1351 Message: 1351

All,

I have just uploaded a new release that should fix all or at least most of the reported problems with 0.4.0.0

This release is compatible with 0.4.0.0 but has fixes that are important. In addition there is now the addition of an optional internal 400 Hz wide filter which can be switched in on the TNC menu. I have not had much on the air testing with this but you can try and see if it helps decoding under some conditions (noise or strong local interference in the audio pass band).

You must uninstall the current V4 Chat. Then unzip the release and install the new version. No settings will be lost.

I will try and listen on 14073.0 USB Dial this afternoon and try and work some stations if possible.

73 and good luck,

Rick KN6KB

Summary of revisions from 0.4.0.0:

V4 Chat Revision History

Date: Rev Change Summary

July 24, 2011 0.4.1.0 Beta release of 0.4.0.1 (no changes to 0.4.0.1)

July 24, 2011 0.4.0.1 Cosmetic changes on Radio Control frame
V4 Chat Help updated.

V4 TNC Revision History

Date Rev # Summary ofChanges

July 24, 2011 0.4.1.0 Beta Release of 0.4.0.1 (no changes to 0.4.0.1)

July 24, 2011 0.4.0.1 Remove if PTT=false condition on PlaySoundStream (may affect PTT on CWID)
Add SetPlaybackState to TransmitFEC for TwoToneTest.
Add exception logging and recovery in GoertzelTDReal
Add exception logging and recovery in GoertzelRealImag
Change Amplitude of ACK/NAK/IDL frames to full Two-Tone Peak
Rework logic of ProcessACKs and ProcessIDLs to clean up IRS<>ISS transitions
V4 TNC Help Updated
Increase trip threshold for BusyDetector wide band (a function of Squelch)
Modify noise contribution to average 3 terms instead of 4.
Modify SearchForLeaderTone envelope calc and to always do two-tone search

```
Modify ThreshDetect to require two sequential Correllations above the threshold
Add BPFilter (~400 Hz) which can be switchen in/out
Add update of LastGoodDecode except for IDLs to avoid premature timeout
```

1352. Re: New Beta release V4 Chat 0.4.1.0

Yahoo group: V4Protocol
Date: 2011-07-24 23:34:31 UTC
From: ham
Topic: 1351 Message: 1352

QRV 2011/07/24 23:25 14.073

A few minor issues as of 0.4.0.0

1. CW ID does not work after timeout or abort request. OK in manual mode.

2. "Paste" and "Paste and Send" do not appear to work

No qso's so far using 0.4.1.0 but decoded 3 stations using 400 Hz filter: EA3AQS, W4WEB, G3WKW

73, Bernie

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>
> I have just uploaded a new release that should fix all or at least most of the reported problems with 0.4.0.0
>
> This release is compatible with 0.4.0.0 but has fixes that are important. In addition there is now the addition of an optional internal 400 Hz wide filter which can be switched in on the TNC menu. I have not had much on the air testing with this but you can try and see if it helps decoding under some conditions (noise or strong local interference in the audio pass band).
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> You must uninstall the current V4 Chat. Then unzip the release and install the new version. No settings will be lost.
>
> I will try and listen on 14073.0 USB Dial this afternoon and try and work some stations if possible.
>
> 73 and good luck,
>
> Rick KN6KB
>
>
>
> Summary of revisions from 0.4.0.0:
>
> V4 Chat Revision History
>
> Date: Rev Change Summary
>
> July 24, 2011 0.4.1.0 Beta release of 0.4.0.1 (no changes to 0.4.0.1)
>

> July 24, 2011 0.4.0.1 Cosmetic changes on Radio Control frame
> V4 Chat Help updated.
>
>
> V4 TNC Revision History
>
> Date Rev # Summary ofChanges
>
>
> July 24, 2011 0.4.1.0 Beta Release of 0.4.0.1 (no changes to 0.4.0.1)
>
> July 24, 2011 0.4.0.1 Remove if PTT=false condition on PlaySoundStream (may affect PTT on CWID)
> Add SetPlaybackState to TransmitFEC for TwoToneTest.
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> Modify ThreshDetect to require two sequential Correllations above the threshold
> Add BPFilter (~400 Hz) which can be switchen in/out
> Add update of LastGoodDecode except for IDLs to avoid premature timeout
>

1353. VS: [V4Protocol] Re: New Beta release V4 Chat 0.4.1.0

Yahoo group: V4Protocol
Date: 2011-07-25 00:21:05 UTC
From: yufenau@gmail.com
Topic: 1353 Message: 1353

By 4.0.0.0 good link but no ARQ data transfer. Tested by OH3NJC and OH7JJT; we all beta test veterans. So must loas newest version tomorrow. Here no net... must walk 2 miles to WLAN! 73 Yussi in Lapland loc KP36cp

sent by N8 mobile phone

---- alkuperäinen viesti ----
Lähett.: ham
Lähet.: 25.07.2011, 02:34
Vast.ott.: V4Protocol@yahoogroups.com
Aihe: [V4Protocol] Re: New Beta release V4 Chat 0.4.1.0

QRV 2011/07/24 23:25 14.073

A few minor issues as of 0.4.0.0

1. CW ID does not work after timeout or abort request. OK in manual mode.

2. "Paste" and "Paste and Send" do not appear to work

No qso's so far using 0.4.1.0 but decoded 3 stations using 400 Hz filter: EA3AQS, W4WEB, G3WKW

73, Bernie

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>
> I have just uploaded a new release that should fix all or at least most of the reported problems with 0.4.0.0
>
> This release is compatible with 0.4.0.0 but has fixes that are important. In addition there is now the addition of an optional internal 400 Hz wide filter which can be switched in on the TNC menu. I have not had much on the air testing with this but you can try and see if it helps decoding under some conditions (noise or strong local interference in the audio pass band).
>
> You must uninstall the current V4 Chat. Then unzip the release and install the new version. No settings will be lost.
>
> I will try and listen on 14073.0 USB Dial this afternoon and try and work some stations if possible.
>
> 73 and good luck,
>
> Rick KN6KB

>
>
>
> Summary of revisions from 0.4.0.0:
>
> V4 Chat Revision History
>
> Date: Rev Change Summary
>
> July 24, 2011 0.4.1.0 Beta release of 0.4.0.1 (no changes to 0.4.0.1)
>
> July 24, 2011 0.4.0.1 Cosmetic changes on Radio Control frame
> V4 Chat Help updated.
>
>
> V4 TNC Revision History
>
> Date Rev # Summary ofChanges
>
>
> July 24, 2011 0.4.1.0 Beta Release of 0.4.0.1 (no changes to 0.4.0.1)
>
> July 24, 2011 0.4.0.1 Remove if PTT=false condition on PlaySoundStream (may affect PTT on
CWID)
> Add SetPlaybackState to TransmitFEC for TwoToneTest.
> Add exception logging and recovery in GoertzelTDReal
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> Change Amplitude of ACK/NAK/IDL frames to full Two-Tone Peak
> Rework logic of ProcessACKs and ProcessIDLs to clean up IRS<>ISS transitions
> V4 TNC Help Updated
> Increase trip threshold for BusyDetector wide band (a function of Squelch)
> Modify noise contribution to average 3 terms instead of 4.
> Modify SearchForLeaderTone envelope calc and to always do two-tone search
> Modify ThreshDetect to require two sequential Correllations above the threshold
> Add BPFilter (~400 Hz) which can be switchen in/out
> Add update of LastGoodDecode except for IDLs to avoid premature timeout
>

1354. VS: [V4Protocol] Re: New Beta release V4 Chat 0.4.1.0

Yahoo group: V4Protocol
Date: 2011-07-25 00:26:57 UTC
From: yufenau@gmail.com
Topic: 1353 Message: 1354

By 4.0.0.0 good link but no ARQ data transfer. Tested by OH3NJC and OH7JJT; we all beta test veterans. So must loas newest version tomorrow. Here no net... must walk 2 miles to WLAN! 73 Yussi in Lapland loc KP36cp

sent by N8 mobile phone

---- alkuperäinen viesti ----
Lähett.: ham
Lähet.: 25.07.2011, 02:34
Vast.ott.: V4Protocol@yahoogroups.com
Aihe: [V4Protocol] Re: New Beta release V4 Chat 0.4.1.0

QRV 2011/07/24 23:25 14.073

A few minor issues as of 0.4.0.0

1. CW ID does not work after timeout or abort request. OK in manual mode.

2. "Paste" and "Paste and Send" do not appear to work

No qso's so far using 0.4.1.0 but decoded 3 stations using 400 Hz filter: EA3AQS, W4WEB, G3WKW

73, Bernie

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>
> All,
>
> I have just uploaded a new release that should fix all or at least most of the reported problems with 0.4.0.0
>
> This release is compatible with 0.4.0.0 but has fixes that are important. In addition there is now the addition of an optional internal 400 Hz wide filter which can be switched in on the TNC menu. I have not had much on the air testing with this but you can try and see if it helps decoding under some conditions (noise or strong local interference in the audio pass band).
>
> You must uninstall the current V4 Chat. Then unzip the release and install the new version. No settings will be lost.
>
> I will try and listen on 14073.0 USB Dial this afternoon and try and work some stations if possible.
>
> 73 and good luck,
>
> Rick KN6KB

>
>
>
> Summary of revisions from 0.4.0.0:
>
> V4 Chat Revision History
>
> Date: Rev Change Summary
>
> July 24, 2011 0.4.1.0 Beta release of 0.4.0.1 (no changes to 0.4.0.1)
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> Add exception logging and recovery in GoertzelTDReal
> Add exception logging and recovery in GoertzelRealImag
> Change Amplitude of ACK/NAK/IDL frames to full Two-Tone Peak
> Rework logic of ProcessACKs and ProcessIDLs to clean up IRS<>ISS transitions
> V4 TNC Help Updated
> Increase trip threshold for BusyDetector wide band (a function of Squelch)
> Modify noise contribution to average 3 terms instead of 4.
> Modify SearchForLeaderTone envelope calc and to always do two-tone search
> Modify ThreshDetect to require two sequential Correllations above the threshold
> Add BPFilter (~400 Hz) which can be switchen in/out
> Add update of LastGoodDecode except for IDLs to avoid premature timeout
>

1355. VS: [V4Protocol] Re: New Beta release V4 Chat 0.4.1.0

Yahoo group: V4Protocol
Date: 2011-07-25 00:30:38 UTC
From: yufenau@gmail.com
Topic: 1353 Message: 1355

By 4.0.0.0 good link but no ARQ data transfer. Tested by OH3NJC and OH7JJT; we all beta test veterans. So must loas newest version tomorrow. Here no net... must walk 2 miles to WLAN! 73 Yussi in Lapland loc KP36cp

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Lähett.: ham
Lähet.: 25.07.2011, 02:34
Vast.ott.: V4Protocol@yahoogroups.com
Aihe: [V4Protocol] Re: New Beta release V4 Chat 0.4.1.0

QRV 2011/07/24 23:25 14.073

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No qso's so far using 0.4.1.0 but decoded 3 stations using 400 Hz filter: EA3AQS, W4WEB, G3WKW

73, Bernie

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>
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> This release is compatible with 0.4.0.0 but has fixes that are important. In addition there is now the addition of an optional internal 400 Hz wide filter which can be switched in on the TNC menu. I have not had much on the air testing with this but you can try and see if it helps decoding under some conditions (noise or strong local interference in the audio pass band).
>
> You must uninstall the current V4 Chat. Then unzip the release and install the new version. No settings will be lost.
>
> I will try and listen on 14073.0 USB Dial this afternoon and try and work some stations if possible.
>
> 73 and good luck,
>
> Rick KN6KB

>
>
>
> Summary of revisions from 0.4.0.0:
>
> V4 Chat Revision History
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>
> July 24, 2011 0.4.0.1 Cosmetic changes on Radio Control frame
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>
>
> V4 TNC Revision History
>
> Date Rev # Summary ofChanges
>
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> July 24, 2011 0.4.0.1 Remove if PTT=false condition on PlaySoundStream (may affect PTT on
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> Add exception logging and recovery in GoertzelTDReal
> Add exception logging and recovery in GoertzelRealImag
> Change Amplitude of ACK/NAK/IDL frames to full Two-Tone Peak
> Rework logic of ProcessACKs and ProcessIDLs to clean up IRS<>ISS transitions
> V4 TNC Help Updated
> Increase trip threshold for BusyDetector wide band (a function of Squelch)
> Modify noise contribution to average 3 terms instead of 4.
> Modify SearchForLeaderTone envelope calc and to always do two-tone search
> Modify ThreshDetect to require two sequential Correllations above the threshold
> Add BPFilter (~400 Hz) which can be switchen in/out
> Add update of LastGoodDecode except for IDLs to avoid premature timeout
>

1356. Re: New Beta release V4 Chat 0.4.1.0

Yahoo group: V4Protocol
Date: 2011-07-25 08:02:14 UTC
From: Bob Thornton
Topic: 1351 Message: 1356

We did appear to "Connect" on 2 occasions but no traffic passed and not even a NACK. I remained in IRS until timeout. I do think the signal was probably too poor for a satisfactory QSO but would have expected some attempts and failed frames at least.
I also heard EA3AQS call CQ but I believe he was in FEC mode only.

I will send Rick the log with the times of our "connections" noted as both ends may be useful.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "ham" <ve3fwf@...> wrote:
>
>
>
>
>
>
>
>
>
> QRV 2011/07/24 23:25 14.073
>
> A few minor issues as of 0.4.0.0
>
> 1. CW ID does not work after timeout or abort request. OK in manual mode.
>
> 2. "Paste" and "Paste and Send" do not appear to work
>
>
> No qso's so far using 0.4.1.0 but decoded 3 stations using 400 Hz filter: EA3AQS, W4WEB, G3WKW
>
> 73, Bernie
>
>
>
> --- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@> wrote:
> >
> > All,
> >
> > I have just uploaded a new release that should fix all or at least most of the reported problems with 0.4.0.0
> >
> > This release is compatible with 0.4.0.0 but has fixes that are important. In addition

there is now the addition of an optional internal 400 Hz wide filter which can be switched in on the TNC menu. I have not had much on the air testing with this but you can try and see if it helps decoding under some conditions (noise or strong local interference in the audio pass band).
> >
> > You must uninstall the current V4 Chat. Then unzip the release and install the new version. No settings will be lost.
> >
> > I will try and listen on 14073.0 USB Dial this afternoon and try and work some stations if possible.
> >
> > 73 and good luck,
> >
> > Rick KN6KB
> >
> >
> >
> > Summary of revisions from 0.4.0.0:
> >
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> > July 24, 2011 0.4.1.0 Beta release of 0.4.0.1 (no changes to 0.4.0.1)
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> > July 24, 2011 0.4.0.1 Cosmetic changes on Radio Control frame
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> >
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> >
> > July 24, 2011 0.4.1.0 Beta Release of 0.4.0.1 (no changes to 0.4.0.1)
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> > July 24, 2011 0.4.0.1 Remove if PTT=false condition on PlaySoundStream (may affect PTT on CWID)
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> > V4 TNC Help Updated
> > Increase trip threshold for BusyDetector wide band (a function of Squelch)
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> > Modify ThreshDetect to require two sequential Correllations above the threshold
> > Add BPFilter (~400 Hz) which can be switchen in/out
> > Add update of LastGoodDecode except for IDLs to avoid premature timeout
> >

>

1357. Re: [V4Protocol] New Beta release V4 Chat 0.4.1.0

Yahoo group: V4Protocol
Date: 2011-07-25 12:46:27 UTC
From: David Bastress
Topic: 1351 Message: 1357
Attachments: 4 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1358. Re: [V4Protocol] New Beta release V4 Chat 0.4.1.0

Yahoo group: V4Protocol
Date: 2011-07-25 13:56:57 UTC
From: Rick Muething
Topic: 1351 Message: 1358

Dave,

Do you have your type size set large? That may be auto scaling the graphics incorrectly.

Rick KN6KB

1359. Re: [V4Protocol] New Beta release V4 Chat 0.4.1.0

Yahoo group: V4Protocol
Date: 2011-07-25 15:33:36 UTC
From: David Bastress
Topic: 1351 Message: 1359
Attachments: 4 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1360. Re: [V4Protocol] New Beta release V4 Chat 0.4.1.0

Yahoo group: V4Protocol
Date: 2011-07-25 16:13:21 UTC
From: Fred G -w1wyc
Topic: 1351 Message: 1360

Hi Rick and V4'ers,

Had my 1st QSO on V4 with Ray, KB0E, good 599 signal this morning. I have to get use to arq mode
waiting for a turnover. When I hit (Cntl + Return), I'm of the old school and expect immediate transfer.
A sign of old age I guess Hi Hi. It worked fine Rick just have to get use to arq.

73 & GL,
Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Monday, July 25, 2011 9:56 AM
Subject: Re: [V4Protocol] New Beta release V4 Chat 0.4.1.0

Dave,

Do you have your type size set large? That may be auto scaling the graphics incorrectly.

Rick KN6KB

1361. CW ID

Yahoo group: V4Protocol
Date: 2011-07-25 20:50:57 UTC
From: ALBERT
Topic: 1361 Message: 1361

NEW VERSION WILL NOT GIVE A CW ID AT END OF CQ CALL ,iS A FIX AVAILABLE?

1362. Re: CW ID

Yahoo group: V4Protocol
Date: 2011-07-25 21:20:25 UTC
From: Bob Thornton
Topic: 1361 Message: 1362

A work-around is to disable the automatic CWID in the Radio Setup menu and then send it manually from the TNC as required. I found that the tones were sent on the audio line but the TX Key was not sent until AFTER the tones had been sent. I was then stuck on TX until I ABORTed.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "ALBERT" <aa1cz1954@...> wrote:
>
> NEW VERSION WILL NOT GIVE A CW ID AT END OF CQ CALL ,iS A FIX AVAILABLE?
>

1363. Re: [V4Protocol] CW ID

Yahoo group: V4Protocol
Date: 2011-07-25 21:31:55 UTC
From: Ed Woods WD9DVA
Topic: 1361 Message: 1363

Albert there must two new ver. My new ver does have an ID following the CQ. 73 Ed WD9DVA / AFA5QW
----- Original Message -----
From: ALBERT
To: V4Protocol@yahoogroups.com
Sent: Monday, July 25, 2011 20:50
Subject: [V4Protocol] CW ID

NEW VERSION WILL NOT GIVE A CW ID AT END OF CQ CALL ,iS A FIX AVAILABLE?

1364. Re: [V4Protocol] CW ID

Yahoo group: V4Protocol
Date: 2011-07-25 21:43:14 UTC
From: Dick Lamberson
Topic: 1361 Message: 1364

Very interesting - I have the new version 0.4.1.0 on my notebook using Vista and the SignLink USB soundcard/interface - which does indeed send the CW ID after calling CQ... BUT, the same version installed on my desktop running XP Home, using the Creative Extigy external soundcard with COM 1 as the PTT, does NOT send the ID following a CQ. Go figure.
Dick, W4WEB
----- Original Message -----
From: Ed Woods WD9DVA
To: V4Protocol@yahoogroups.com
Sent: Monday, July 25, 2011 5:31 PM
Subject: Re: [V4Protocol] CW ID

Albert there must two new ver. My new ver does have an ID following the CQ. 73 Ed WD9DVA / AFA5QW
----- Original Message -----
From: ALBERT
To: V4Protocol@yahoogroups.com
Sent: Monday, July 25, 2011 20:50
Subject: [V4Protocol] CW ID

NEW VERSION WILL NOT GIVE A CW ID AT END OF CQ CALL ,iS A FIX AVAILABLE?

1365. Re: [V4Protocol] Re: CW ID

Yahoo group: V4Protocol
Date: 2011-07-25 21:46:06 UTC
From: Dick Lamberson
Topic: 1361 Message: 1365

Yes, that would explain the difference in my two instances - one is keyed by VOX and the other by COM1 PTT.
Dick, W4WEB
----- Original Message -----
From: Bob Thornton
To: V4Protocol@yahoogroups.com
Sent: Monday, July 25, 2011 5:20 PM
Subject: [V4Protocol] Re: CW ID

A work-around is to disable the automatic CWID in the Radio Setup menu and then send it manually from the TNC as required. I found that the tones were sent on the audio line but the TX Key was not sent until AFTER the tones had been sent. I was then stuck on TX until I ABORTed.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "ALBERT" <aa1cz1954@...> wrote:
>
> NEW VERSION WILL NOT GIVE A CW ID AT END OF CQ CALL ,iS A FIX AVAILABLE?
>

1366. Re: CW ID

Yahoo group: V4Protocol
Date: 2011-07-25 21:57:58 UTC
From: Bob Thornton
Topic: 1361 Message: 1366

Should have said that mine is Windows XP with CAT control of the FT897. I tried VOX control as a work around but that was not workable in my case. (Also I hate the way it keys the TX when the computer boots up, always surprises me!!)

Bob
G3WKW

--- In V4Protocol@yahoogroups.com, "Dick Lamberson" <w4web@...> wrote:
>
> Yes, that would explain the difference in my two instances - one is keyed by VOX and the other by COM1 PTT.
> Dick, W4WEB
> ----- Original Message -----
> From: Bob Thornton
> To: V4Protocol@yahoogroups.com
> Sent: Monday, July 25, 2011 5:20 PM
> Subject: [V4Protocol] Re: CW ID
>
>
>
> A work-around is to disable the automatic CWID in the Radio Setup menu and then send it manually from the TNC as required. I found that the tones were sent on the audio line but the TX Key was not sent until AFTER the tones had been sent. I was then stuck on TX until I ABORTed.
>
> Bob
>
> G3WKW
>
> --- In V4Protocol@yahoogroups.com, "ALBERT" <aa1cz1954@> wrote:
> >
> > NEW VERSION WILL NOT GIVE A CW ID AT END OF CQ CALL ,iS A FIX AVAILABLE?
> >
>

1367. Report from VK

Yahoo group: V4Protocol
Date: 2011-07-26 00:04:59 UTC
From: Paul Whitaker
Topic: 1351 Message: 1367

Hi Rick & Group,
V4Chat 0.4.1.0, IC706, homemade interface with CAT.
Contact with VK5PO - 680km on 80mtr. Very noisy QRN conditions.

Some difficulty at first, but we found that setting the RX audio level lower - low in green, helped a lot.
We then got into the idea of waiting for the short regular handshakes before Ctrl/Enter the new text to send.
We then had about 15 overs with 100% accurate copy - with no extraneous garbage. Very pleasing to see.
Rick, all we need now is a TYPING TUTOR !

Well done.

We are also experiencing the CWID problem, but hey - thats the least of it !
Is there any indication when there are repeated frames ? (its good to see the progress, and why its taking longer)

I have been monitoring 14073 in the hope of hearing some of you Sataeside - sent plenty of long FEC CQ's, but nothing yet.
Also monitoring 3635 in the evenings for local traffic.

The group is obviously growing - is there any way of seeing a list of stations / locations to help in finding contacts ?
Also, frequencies that you use..... (14073 ? - others ?) I am trying to get our group to all STAY on the one frequency each band - (its a big world out there !)

Thanks guys - very interesting watching your posts.

'73

Paul Whitaker.
VK3DPW
WICEN (Vic) Division CoOrdinator.
vk3dpw@...

1368. Re: [V4Protocol] Report from VK

Yahoo group: V4Protocol
Date: 2011-07-26 08:36:11 UTC
From: John, VK5PO
Topic: 1351 Message: 1368

To add further to Pauls comments, We only used ARQ, so good to see this mode is usable in the latest version of V4 Chat.
73, De John, VK5PO

Hi Rick & Group, V4Chat 0.4.1.0, IC706, homemade interface with CAT. Contact with VK5PO - 680km on 80mtr. Very noisy QRN conditions. Some difficulty at first, but we found that setting the RX audio level lower - low in green, helped a lot. We then got into the idea of waiting for the short regular handshakes before Ctrl/Enter the new text to send. We then had about 15 overs with 100% accurate copy - with no extraneous garbage. Very pleasing to see. Rick, all we need now is a TYPING TUTOR ! Well done. We are also experiencing the CWID problem, but hey - thats the least of it ! Is there any indication when there are repeated frames ? (its good to see the progress, and why its taking longer) I have been monitoring 14073 in the hope of hearing some of you Sataeside - sent plenty of long FEC CQ's, but nothing yet. Also monitoring 3635 in the evenings for local traffic. The group is obviously growing - is there any way of seeing a list of stations / locations to help in finding contacts ? Also, frequencies that you use..... (14073 ? - others ?) I am trying to get our group to all STAY on the one frequency each band - (its a big world out there !) Thanks guys - very interesting watching your posts. '73 Paul Whitaker. VK3DPW WICEN (Vic) Division CoOrdinator. vk3dpw@...
---------- Yahoo! Your email settings: Individual Email |
To unsubscribe from this group, send an email to: V4Protocol-unsubscribe@yahoogroups.com

1369. RE: [V4Protocol] Report from VK

Yahoo group: V4Protocol
Date: 2011-07-26 10:28:47 UTC
From: K6KAR
Topic: 1351 Message: 1369

With ARQ, I wish that I could say the same but still, no joy here. Using a Flex-5000A and VAC, I've got latency down to around 180ms. I do get a connect but that's as far as it goes. I realize that my comment without the debug log does not provide any useful information. I've set VAC and the Flex-5000A to the settings that work for WINMOR/RMS which by the way I have no problem. As V4 updates are generated, I'll keep testing but nonetheless, it sure is frustrating. Never have had, with any V4 beta release, a successful ARQ, QSO.

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of John, VK5PO
Sent: Tuesday, July 26, 2011 3:36 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Report from VK

To add further to Pauls comments, We only used ARQ, so good to see this mode is usable in the latest version of V4 Chat.
73, De John, VK5PO

Hi Rick & Group, V4Chat 0.4.1.0, IC706, homemade interface with CAT. Contact with VK5PO - 680km on 80mtr. Very noisy QRN conditions. Some difficulty at first, but we found that setting the RX audio level lower - low in green, helped a lot. We then got into the idea of waiting for the short regular handshakes before Ctrl/Enter the new text to send. We then had about 15 overs with 100% accurate copy - with no extraneous garbage. Very pleasing to see. Rick, all we need now is a TYPING TUTOR ! Well done. We are also experiencing the CWID problem, but hey - thats the least of it ! Is there any indication when there are repeated frames ? (its good to see the progress, and why its taking longer) I have been monitoring 14073 in the hope of hearing some of you Sataeside - sent plenty of long FEC CQ's, but nothing yet. Also monitoring 3635 in the evenings for local traffic. The group is obviously growing - is there any way of seeing a list of stations / locations to help in finding contacts ? Also, frequencies that you

use..... (14073 ? - others ?) I am trying to
get our group to all STAY on the one
frequency each band - (its a big world out
there !) Thanks guys - very interesting
watching your posts. '73 Paul Whitaker.
VK3DPW WICEN (Vic) Division CoOrdinator.
vk3dpw@... <mailto:vk3dpw%40winlink.org>
---------- Yahoo!
Your email settings: Individual Email |
To unsubscribe from this group, send an email
to: V4Protocol-unsubscribe@yahoogroups.com
<mailto:V4Protocol-unsubscribe%40yahoogroups.com>

1370. RE: [V4Protocol] Report from VK

Yahoo group: V4Protocol
Date: 2011-07-26 10:46:37 UTC
From: Paul Whitaker
Topic: 1351 Message: 1370

Hi Kirk, John and group,
Just a comment - the T>R Latency I am getting averages around 47 to 62 ms.
Wonder what you are getting John ? What is your PTT method ?

Cheers,

Paul Whitaker.
VK3DPW

At 08:28 PM 26/07/2011, you wrote:
>
>
>With ARQ, I wish that I could say the same but still, no joy here. Using
>a Flex-5000A and VAC, I□ve got latency down to around 180ms. I do get a
>connect but that□s as far as it goes. I realize that my comment without
>the debug log does not provide any useful information. I□ve set VAC and
>the Flex-5000A to the settings that work for WINMOR/RMS which by the way I
>have no problem. As V4 updates are generated, I□ll keep testing but
>nonetheless, it sure is frustrating. Never have had, with any V4 beta
>release, a successful ARQ, QSO.
>
>
>
>Kirk, K6KAR
>
>
>
>From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
>Behalf Of John, VK5PO
>Sent: Tuesday, July 26, 2011 3:36 AM
>To: V4Protocol@yahoogroups.com
>Subject: Re: [V4Protocol] Report from VK
>
>
>
>
>
>
>To add further to Pauls comments, We only
>used ARQ, so good to see this mode is usable
>in the latest version of V4 Chat.
>73, De John, VK5PO
>
>Hi Rick & Group, V4Chat 0.4.1.0, IC706,
>homemade interface with CAT. Contact with
>VK5PO - 680km on 80mtr. Very noisy QRN

>conditions. Some difficulty at first, but we
>found that setting the RX audio level lower -
>low in green, helped a lot. We then got into
>the idea of waiting for the short regular
>handshakes before Ctrl/Enter the new text to
>send. We then had about 15 overs with 100%
>accurate copy - with no extraneous garbage.
>Very pleasing to see. Rick, all we need now
>is a TYPING TUTOR ! Well done. We are also
>experiencing the CWID problem, but hey -
>thats the least of it ! Is there any
>indication when there are repeated frames ?
>(its good to see the progress, and why its
>taking longer) I have been monitoring 14073
>in the hope of hearing some of you Sataeside
>- sent plenty of long FEC CQ's, but nothing
>yet. Also monitoring 3635 in the evenings for
>local traffic. The group is obviously growing
>- is there any way of seeing a list of
>stations / locations to help in finding
>contacts ? Also, frequencies that you
>use..... (14073 ? - others ?) I am trying to
>get our group to all STAY on the one
>frequency each band - (its a big world out
>there !) Thanks guys - very interesting
>watching your posts. '73 Pa
>

1371. 0.4.1.0 installed and QRV now

Yahoo group: V4Protocol
Date: 2011-07-26 11:13:17 UTC
From: Juhani
Topic: 1371 Message: 1371

My solar cell powered station is now QRV here in Lapland on 14073 at least to 16 Z, then QSY 7045 and later 3590. 73 Yussi OH7TE *sent by my N8 phone*

1372. RE: [V4Protocol] Report from VK

Yahoo group: V4Protocol
Date: 2011-07-26 11:54:50 UTC
From: K6KAR
Topic: 1351 Message: 1372

Paul,

I'm getting around 180 ms. I've made many software tweaks to get latency to this level. However, latency could be the source of my problem. I use virtual audio cables and virtual com ports. The virtual com port program controls PTT. This is the nature of using a software defined radio. Other than a 1394A interconnect to my computer, I use no hard wired cabling as all interconnects are accomplished via the virtual cables. The only mode I have problems with and this is only ARQ is V4. All other third party digital programs interconnect and work well.

73,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Paul Whitaker
Sent: Tuesday, July 26, 2011 5:47 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Report from VK

Hi Kirk, John and group,
Just a comment - the T>R Latency I am getting averages around 47 to 62 ms. Wonder what you are getting John ? What is your PTT method ?

Cheers,

Paul Whitaker.
VK3DPW

At 08:28 PM 26/07/2011, you wrote:

With ARQ, I wish that I could say the same but still, no joy here. Using a Flex-5000A and VAC, I've got latency down to around 180ms. I do get a connect but that's as far as it goes. I realize that my comment without the debug log does not provide any useful information. I've set VAC and the Flex-5000A to the settings that work for WINMOR/RMS which by the way I have no problem. As V4 updates are generated, I'll keep testing but nonetheless, it sure is frustrating. Never have had, with any V4 beta release, a successful ARQ, QSO.

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of John, VK5PO
Sent: Tuesday, July 26, 2011 3:36 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Report from VK

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73, De John, VK5PO

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1373. Re: [V4Protocol] Report from VK

Yahoo group: V4Protocol
Date: 2011-07-26 12:18:30 UTC
From: Ted Trostle
Topic: 1351 Message: 1373

Kirk what SDR do you have?. I run the Flex3000 and I have the latency down
to about 120ms. If you have a Flex I can send you my settings for you to
test and tweak

Ted, WB2LOU

On Tue, Jul 26, 2011 at 7:54 AM, K6KAR <kirk.harding@...> wrote:

> **
>
>
> *Paul,*
>
> * *
>
> *I'm getting around 180 ms. I've made many software tweaks to get latency
> to this level. However, latency could be the source of my problem. I use
> virtual audio cables and virtual com ports. The virtual com port program
> controls PTT. This is the nature of using a software defined radio. Other
> than a 1394A interconnect to my computer, I use no hard wired cabling as all
> interconnects are accomplished via the virtual cables. The only mode I have
> problems with and this is only ARQ is V4. All other third party digital
> programs interconnect and work well.*
>
> * *
>
> *73,*
>
> * *
>
> *Kirk, K6KAR*
>
> * *
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Paul Whitaker
> *Sent:* Tuesday, July 26, 2011 5:47 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* RE: [V4Protocol] Report from VK****
>
> ** **
>
> ****
>
> Hi Kirk, John and group,
> Just a comment - the T>R Latency I am getting averages around 47 to 62 ms.

> Wonder what you are getting John ? What is your PTT method ?
>
> Cheers,
>
> Paul Whitaker.
> VK3DPW
>
>
> At 08:28 PM 26/07/2011, you wrote:****
>
>
>
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> a Flex-5000A and VAC, I've got latency down to around 180ms. I do get a
> connect but that's as far as it goes. I realize that my comment without the
> debug log does not provide any useful information. I've set VAC and the
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> it sure is frustrating. Never have had, with any V4 beta release, a
> successful ARQ, QSO.
> *
> *
> *
> *Kirk, K6KAR
> *
> *
> *
> *From:* V4Protocol@yahoogroups.com
[mailto:V4Protocol@yahoogroups.com<V4Protocol@yahoogroups.com>]
> *On Behalf Of *John, VK5PO
> *Sent:* Tuesday, July 26, 2011 3:36 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Report from VK
>
>
>
>
>
>
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> used ARQ, so good to see this mode is usable
> in the latest version of V4 Chat.
> 73, De John, VK5PO
>
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> conditions. Some difficulty at first, but we
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> low in green, helped a lot. We then got into
> the idea of waiting for the short regular

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> yet. Also monitoring 3635 in the evenings for
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> stations / locations to help in finding
> contacts ? Also, frequencies that you
> use..... (14073 ? - others ?) I am trying to
> get our group to all STAY on the one
> frequency each band - (its a big world out
> there !) Thanks guys - very interesting
> watching your posts. '73 Pa ****
>
> ** **
>
> ****
>
>
>

--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is
incurable.

1374. RE: [V4Protocol] Report from VK

Yahoo group: V4Protocol
Date: 2011-07-26 16:20:10 UTC
From: K6KAR
Topic: 1351 Message: 1374

Ted,

I have the 5000 and would very much like to see your settings.

Thanks,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ted Trostle
Sent: Tuesday, July 26, 2011 7:19 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Report from VK

Kirk what SDR do you have?. I run the Flex3000 and I have the latency down to about 120ms. If you have a Flex I can send you my settings for you to test and tweak

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73,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Paul Whitaker
Sent: Tuesday, July 26, 2011 5:47 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Report from VK

Hi Kirk, John and group,
Just a comment - the T>R Latency I am getting averages around 47 to 62 ms.
Wonder what you are getting John ? What is your PTT method ?

Cheers,

Paul Whitaker.
VK3DPW

At 08:28 PM 26/07/2011, you wrote:

With ARQ, I wish that I could say the same but still, no joy here. Using a Flex-5000A and VAC, I've got latency down to around 180ms. I do get a connect but that's as far as it goes. I realize that my comment without the debug log does not provide any useful information. I've set VAC and the Flex-5000A to the settings that work for WINMOR/RMS which by the way I have no problem. As V4 updates are generated, I'll keep testing but nonetheless, it sure is frustrating. Never have had, with any V4 beta release, a successful ARQ, QSO.

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of John, VK5PO
Sent: Tuesday, July 26, 2011 3:36 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Report from VK

To add further to Pauls comments, We only used ARQ, so good to see this mode is usable in the latest version of V4 Chat.
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there !) Thanks guys - very interesting
watching your posts. '73 Pa

--
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incurable.

1375. question

Yahoo group: V4Protocol
Date: 2011-07-26 18:21:41 UTC
From: POB
Topic: 1375 Message: 1375

On the soundcard it shows v4 mode-ARQ <DISCONNECTED> although I am in the ARQ mode, is this right or is there something to do in the setup....
POB/K8LEN

1376. Re: question

Yahoo group: V4Protocol
Date: 2011-07-26 19:47:20 UTC
From: Bob Thornton
Topic: 1375 Message: 1376

That is correct. You are not connected until another station calls
you, or you call them and they respond to you.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "POB" <obie47165@...> wrote:
>
> On the soundcard it shows v4 mode-ARQ <DISCONNECTED> although I am in the ARQ mode, is this right or is there something to do in the setup....
> POB/K8LEN
>

1377. Question on ver 0.4.1.0

Yahoo group: V4Protocol
Date: 2011-07-26 20:12:37 UTC
From: David Boland
Topic: 1375 Message: 1377

I downloaded the newest version 0.4.1.0 and tried it today in a net situation. Everyone copies me but I copy no one. We are using FEC HD mode so that we could copy and sent to everyone on the net. I can see in the waterfall that someone is transmitting but I get nothing in the constelation screen. not sure what I need to change.

Two weeks ago we ran the same type of net and copied everyone using ver 0.4.0.0
persons may contact me here or w9nwy@...
Dave W9NWY/NNN0ZTT

1378. Re: [V4Protocol] Report from VK

Yahoo group: V4Protocol
Date: 2011-07-26 20:37:16 UTC
From: Rick Muething
Topic: 1351 Message: 1378

Kirk/All,

There should be no need to get the latency down below 200 ms. There is a built in delay in the program to delay a response (e.g. an ACK/NAK or IDL) by 300 ms. So if your Latency as measured by the program is < 250 or so there should be no problem. The program measures (to about 20 ms resolution) the time from its command for PTT release until first audio is observed from the receiver. That is the time your receiver is “deaf” due to T>R switching delay and sound card latency.

The program also measures the round trip delay (ISS PTT Release until ACK is received by the ISS) and uses that value to set the repeat intervals. This is done at the beginning of each connection and logged into the debug log. That value is typically between 500 and 1000 ms and a function of several things on EACH end along with 2 x the transit delay.

Rick KN6KB
: 07/26/11

1379. BugLog

Yahoo group: V4Protocol
Date: 2011-07-26 21:40:14 UTC
From: David
Topic: 1351 Message: 1379

Rick, had a very good connect today with KB0E (score 99, S/N 1),
but was unable to pass any text. Below is the buglog from the
initial connection to the time out.

KB0E was going to send you his end of the connect.

==========

2011/07/26 19:09:35.87 [0.4.1.0] Connect Request: CQ de KB0E; Session ID:2200
2011/07/26 19:09:35.87 [0.4.1.0] [SendCommand] CONREQ CQ de KB0E
2011/07/26 19:09:35.87 [0.4.1.0] New ARQ State: IRSWaitLeader
2011/07/26 19:09:35.98 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:09:36.20 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:09:38.12 [0.4.1.0] New ARQ State: IRSSync
2011/07/26 19:09:38.46 [0.4.1.0] New ARQ State: IRSWaitLeader
2011/07/26 19:09:45.32 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:09:48.21 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:09:48.60 [0.4.1.0] [ParseInboundCommand]: ARQCONNECT KB0E
2011/07/26 19:09:48.60 [0.4.1.0] ClearSession 6
2011/07/26 19:09:48.60 [0.4.1.0] [ConnectRequest]: KB0E0K6DDW0 SessionID: 1022
2011/07/26 19:09:48.60 [0.4.1.0] [V4Interface.DataToSend]: KB0E0K6DDW0
2011/07/26 19:09:48.60 [0.4.1.0] [SendCommand] CMD
2011/07/26 19:09:48.68 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:09:48.70 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:09:48.71 [0.4.1.0] [PlaySoundStream] Play: V4FSK Data ARQ
2011/07/26 19:09:51.81 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:09:51.81 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:09:51.81 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:09:51.81 [0.4.1.0] Start Repeat Timer 1 Interval:2000
2011/07/26 19:09:51.82 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:09:52.09 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:09:52.42 [0.4.1.0] Sync Timeout; Symbol Cntr:19
2011/07/26 19:09:52.42 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:09:53.81 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:09:53.81 [0.4.1.0] [PlaySoundStream] Play: V4FSK Data ARQ
2011/07/26 19:09:56.93 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:09:56.93 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:09:56.93 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:09:56.93 [0.4.1.0] Start Repeat Timer 1 Interval:2000
2011/07/26 19:09:57.09 [0.4.1.0] PTTOffAvg: 1346 PPTOnAvg: 664
2011/07/26 19:09:57.09 [0.4.1.0] Measured T>R Latency: 156 ms
2011/07/26 19:09:57.51 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:09:57.57 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:09:57.82 [0.4.1.0] [ProcessSymbol] Ptr Adj:-1 ID:1022 FEC:0200 ACK:0001
NAK:0346 IDL:0346
2011/07/26 19:09:57.82 [0.4.1.0] [ProcessACSs]1 Round trip delay measurement: 891 ms;

```
ARQSpacing: 1191 ms
2011/07/26 19:09:57.82 [0.4.1.0] [SendCommand] CONNECTED KB0E
2011/07/26 19:09:57.82 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:09:57.82 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:09:58.18 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:09:58.18 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:09:58.60 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:09:58.60 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:09:58.60 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:09:58.60 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:09:58.68 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:09:59.14 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:09:59.43 [0.4.1.0] [ProcessSymbol] Ptr Adj:3 ID:1022 FEC:0199 ACK:0013
NAK:0343 IDL:0344
2011/07/26 19:09:59.43 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:09:59.43 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:09:59.43 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:09:59.81 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:09:59.81 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:00.23 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:00.23 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:00.23 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:00.23 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:00.75 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:00.81 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:01.06 [0.4.1.0] [ProcessSymbol] Ptr Adj:4 ID:1022 FEC:0200 ACK:0002
NAK:0346 IDL:0346
2011/07/26 19:10:01.06 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:01.06 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:01.06 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:01.43 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:01.43 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:01.85 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:01.85 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:01.85 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:01.85 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:01.93 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:02.25 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:02.45 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:02.71 [0.4.1.0] [ProcessSymbol] Ptr Adj:4 ID:1022 FEC:0200 ACK:0003
NAK:0346 IDL:0346
2011/07/26 19:10:02.73 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:02.73 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:02.73 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:03.10 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:03.10 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:03.51 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:03.51 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:03.51 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:03.51 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:03.60 [0.4.1.0] [SendCommand] BUSY FALSE
```

2011/07/26 19:10:03.85 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:04.07 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:04.32 [0.4.1.0] [ProcessSymbol] Ptr Adj:4 ID:1022 FEC:0200 ACK:0002
NAK:0346 IDL:0346
2011/07/26 19:10:04.32 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:04.32 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:04.32 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:04.68 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:04.68 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:05.10 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:05.10 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:05.10 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:05.10 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:05.20 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:05.42 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:05.68 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:05.92 [0.4.1.0] [ProcessSymbol] Ptr Adj:4 ID:1022 FEC:0199 ACK:0001
NAK:0346 IDL:0346
2011/07/26 19:10:05.92 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:05.92 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:05.92 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:06.31 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:06.31 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:06.73 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:06.73 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:06.73 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:06.73 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:06.82 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:07.07 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:07.26 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:07.53 [0.4.1.0] [ProcessSymbol] Ptr Adj:4 ID:1022 FEC:0201 ACK:0005
NAK:0345 IDL:0346
2011/07/26 19:10:07.53 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:07.53 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:07.53 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:07.89 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:07.89 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:08.31 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:08.31 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:08.31 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:08.31 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:08.37 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:08.64 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:08.92 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:09.17 [0.4.1.0] [ProcessSymbol] Ptr Adj:1 ID:1022 FEC:0200 ACK:0002
NAK:0345 IDL:0345
2011/07/26 19:10:09.17 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:09.17 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:09.17 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:09.51 [0.4.1.0] [SendCommand] PTT True

2011/07/26 19:10:09.51 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:09.93 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:09.93 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:09.93 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:09.93 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:10.00 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:10.26 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:10.48 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:10.76 [0.4.1.0] [ProcessSymbol] Ptr Adj:-2 ID:1022 FEC:0200 ACK:0001 NAK:0346 IDL:0346
2011/07/26 19:10:10.76 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:10.76 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:10.76 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:11.14 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:11.14 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:11.56 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:11.56 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:11.56 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:11.56 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:11.65 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:11.90 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:13.07 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:13.35 [0.4.1.0] [ProcessSymbol] Ptr Adj:4 ID:1022 FEC:0200 ACK:0004 NAK:0346 IDL:0346
2011/07/26 19:10:13.35 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:13.35 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:13.35 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:13.73 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:13.73 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:14.14 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:14.14 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:14.14 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:14.14 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:14.23 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:14.65 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:15.62 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:15.89 [0.4.1.0] [ProcessSymbol] Ptr Adj:-3 ID:1022 FEC:0200 ACK:0008 NAK:0347 IDL:0347
2011/07/26 19:10:15.89 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:15.89 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:15.89 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:16.26 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:16.26 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:16.68 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:16.68 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:16.68 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:16.68 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:16.76 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:17.03 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:18.20 [0.4.1.0] New ARQ State: ISSSync

2011/07/26 19:10:18.45 [0.4.1.0] [ProcessSymbol] Ptr Adj:4 ID:1022 FEC:0200 ACK:0003 NAK:0345 IDL:0346
2011/07/26 19:10:18.45 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:18.45 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:18.45 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:18.81 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:18.81 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:19.23 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:19.23 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:19.23 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:19.23 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:19.29 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:19.56 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:20.71 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:21.01 [0.4.1.0] [ProcessSymbol] Ptr Adj:-3 ID:1022 FEC:0200 ACK:0002 NAK:0345 IDL:0346
2011/07/26 19:10:21.01 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:21.01 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:21.01 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:21.39 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:21.39 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:21.81 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:21.81 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:21.81 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:21.81 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:21.90 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:22.15 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:23.28 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:23.53 [0.4.1.0] [ProcessSymbol] Ptr Adj:1 ID:1022 FEC:0201 ACK:0003 NAK:0346 IDL:0346
2011/07/26 19:10:23.53 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:23.53 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:23.53 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:23.89 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:23.89 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:24.31 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:24.31 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:24.31 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:24.31 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:24.39 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:24.67 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:25.81 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:26.06 [0.4.1.0] [ProcessSymbol] Ptr Adj:4 ID:1022 FEC:0200 ACK:0003 NAK:0346 IDL:0346
2011/07/26 19:10:26.06 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:26.06 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:26.06 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:26.43 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:26.43 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:26.85 [0.4.1.0] [SendCommand] PTT False

2011/07/26 19:10:26.85 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:26.85 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:26.85 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:26.92 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:27.17 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:28.23 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:28.32 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:28.34 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:28.59 [0.4.1.0] [ProcessSymbol] Ptr Adj:-3 ID:1022 FEC:0201 ACK:0017 NAK:0346 IDL:0347
2011/07/26 19:10:28.59 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:28.59 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:28.59 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:28.93 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:28.93 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:29.35 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:29.35 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:29.35 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:29.35 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:29.43 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:30.84 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:30.92 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:31.17 [0.4.1.0] [ProcessSymbol] Ptr Adj:1 ID:1022 FEC:0200 ACK:0004 NAK:0346 IDL:0346
2011/07/26 19:10:31.17 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:31.17 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:31.17 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:31.51 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:31.51 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:31.93 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:31.93 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:31.93 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:31.93 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:32.01 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:32.28 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:33.48 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:33.71 [0.4.1.0] [ProcessSymbol] Ptr Adj:4 ID:1022 FEC:0198 ACK:0005 NAK:0344 IDL:0343
2011/07/26 19:10:33.71 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:33.71 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:33.71 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:34.06 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:34.06 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:34.48 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:34.48 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:34.48 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:34.48 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:34.57 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:34.84 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:35.96 [0.4.1.0] New ARQ State: ISSSync

2011/07/26 19:10:36.26 [0.4.1.0] [ProcessSymbol] Ptr Adj:1 ID:1022 FEC:0199 ACK:0003 NAK:0346 IDL:0346
2011/07/26 19:10:36.26 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:36.26 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:36.26 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:36.64 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:36.64 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:37.06 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:37.06 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:37.06 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:37.06 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:37.14 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:37.39 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:38.54 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:38.79 [0.4.1.0] [ProcessSymbol] Ptr Adj:-4 ID:1022 FEC:0200 ACK:0001 NAK:0346 IDL:0346
2011/07/26 19:10:38.79 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:38.79 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:38.81 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:38.89 [0.4.1.0] [V4Interface.DataToSend]: Goog afternoon. Dave here near Sacramento.
2011/07/26 19:10:39.18 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:39.18 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:10:39.60 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:39.60 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:39.60 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:39.60 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:10:39.70 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:39.95 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:41.10 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:41.35 [0.4.1.0] [ProcessSymbol] Ptr Adj:-4 ID:1022 FEC:0199 ACK:0002 NAK:0346 IDL:0346
2011/07/26 19:10:41.35 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:41.35 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:41.35 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:41.39 [0.4.1.0] [SendCommand] BUFFER 27
2011/07/26 19:10:41.73 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:41.73 [0.4.1.0] [PlaySoundStream] Play: V4FSK Data ARQ
2011/07/26 19:10:44.85 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:44.85 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:44.85 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:44.85 [0.4.1.0] Start Repeat Timer 1 Interval:1191
2011/07/26 19:10:44.95 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:45.20 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:46.06 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:46.06 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:46.06 [0.4.1.0] [PlaySoundStream] Play: V4FSK Data ARQ
2011/07/26 19:10:49.18 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:49.18 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:49.18 [0.4.1.0] New ARQ State: ISSWaitLeader

2011/07/26 19:10:49.18 [0.4.1.0] Start Repeat Timer 1 Interval:1191
2011/07/26 19:10:49.21 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:49.53 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:50.39 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:50.39 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:50.39 [0.4.1.0] [PlaySoundStream] Play: V4FSK Data ARQ
2011/07/26 19:10:53.48 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:53.48 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:53.48 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:53.48 [0.4.1.0] Start Repeat Timer 1 Interval:1191
2011/07/26 19:10:53.50 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:53.81 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:10:53.82 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:10:54.09 [0.4.1.0] [ProcessSymbol] Ptr Adj:1 ID:1022 FEC:0200 ACK:0004
NAK:0346 IDL:0346
2011/07/26 19:10:54.09 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:10:54.10 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:10:54.10 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:54.14 [0.4.1.0] [SendCommand] BUFFER 11
2011/07/26 19:10:54.48 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:54.48 [0.4.1.0] [PlaySoundStream] Play: V4FSK Data ARQ
2011/07/26 19:10:57.60 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:10:57.60 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:10:57.60 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:10:57.60 [0.4.1.0] Start Repeat Timer 1 Interval:1191
2011/07/26 19:10:57.67 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:10:58.81 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:10:58.81 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:10:58.81 [0.4.1.0] [PlaySoundStream] Play: V4FSK Data ARQ
2011/07/26 19:11:01.89 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:01.89 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:01.89 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:01.89 [0.4.1.0] Start Repeat Timer 1 Interval:1191
2011/07/26 19:11:02.32 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:11:03.09 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:03.09 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:03.09 [0.4.1.0] [PlaySoundStream] Play: V4FSK Data ARQ
2011/07/26 19:11:06.18 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:06.18 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:06.18 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:06.18 [0.4.1.0] Start Repeat Timer 1 Interval:1191
2011/07/26 19:11:06.23 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:11:06.53 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:11:06.59 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:11:06.89 [0.4.1.0] [ProcessSymbol] Ptr Adj:0 ID:1022 FEC:0201 ACK:0013
NAK:0346 IDL:0346
2011/07/26 19:11:06.89 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:11:06.89 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:11:06.89 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:06.93 [0.4.1.0] [SendCommand] BUFFER 0

2011/07/26 19:11:07.31 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:07.31 [0.4.1.0] [PlaySoundStream] Play: V4FSK Data ARQ
2011/07/26 19:11:10.39 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:10.39 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:10.39 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:10.39 [0.4.1.0] Start Repeat Timer 1 Interval:1191
2011/07/26 19:11:10.48 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:11:10.73 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:11:11.59 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:11.59 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:11.59 [0.4.1.0] [PlaySoundStream] Play: V4FSK Data ARQ
2011/07/26 19:11:14.68 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:14.68 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:14.68 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:14.68 [0.4.1.0] Start Repeat Timer 1 Interval:1191
2011/07/26 19:11:14.73 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:11:15.01 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:11:15.89 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:15.89 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:15.89 [0.4.1.0] [PlaySoundStream] Play: V4FSK Data ARQ
2011/07/26 19:11:18.98 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:18.98 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:18.98 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:18.98 [0.4.1.0] Start Repeat Timer 1 Interval:1191
2011/07/26 19:11:19.00 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:11:19.32 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:11:19.32 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:11:19.59 [0.4.1.0] [ProcessSymbol] Ptr Adj:-4 ID:1022 FEC:0200 ACK:0001
NAK:0346 IDL:0346
2011/07/26 19:11:19.59 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:11:19.59 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:11:19.59 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:19.93 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:19.93 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:11:20.35 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:20.35 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:20.35 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:20.35 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:11:20.46 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:11:20.68 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:11:21.84 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:11:22.12 [0.4.1.0] [ProcessSymbol] Ptr Adj:0 ID:1022 FEC:0199 ACK:0002
NAK:0345 IDL:0345
2011/07/26 19:11:22.12 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:11:22.12 [0.4.1.0] [ProcessACKs]7 ACK received
2011/07/26 19:11:22.12 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:22.48 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:22.48 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:11:22.89 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:22.89 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader

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2011/07/26 19:11:22.89 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:22.89 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:11:22.98 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:11:23.23 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:11:24.56 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:11:24.93 [0.4.1.0] Sync Timeout; Symbol Cntr:19
2011/07/26 19:11:24.93 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:25.01 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:25.01 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:11:25.43 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:25.43 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:25.43 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:25.43 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:11:25.56 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:11:25.76 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:11:26.48 [0.4.1.0] New ARQ State: ISSSync
2011/07/26 19:11:26.81 [0.4.1.0] Sync Timeout; Symbol Cntr:19
2011/07/26 19:11:26.81 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:27.56 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:27.56 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:11:27.98 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:27.98 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:27.98 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:27.98 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:11:28.07 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:11:28.32 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:11:30.10 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:30.10 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:30.10 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:11:30.51 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:30.51 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:30.51 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:30.51 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:11:32.57 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:11:32.64 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:32.64 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:32.64 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:11:33.06 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:33.06 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:33.06 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:33.06 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:11:34.18 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:11:35.18 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:35.18 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:35.18 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:11:35.60 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:35.60 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:35.60 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:35.60 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:11:35.62 [0.4.1.0] [SendCommand] BUSY FALSE
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2011/07/26 19:11:37.73 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:37.73 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:37.73 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:11:38.14 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:38.14 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:38.14 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:38.14 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:11:40.04 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:11:40.26 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:40.26 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:40.26 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:11:40.68 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:40.68 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:40.68 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:40.68 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:11:41.15 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:11:42.81 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:42.81 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:42.81 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:11:43.23 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:43.23 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:43.23 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:43.23 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:11:45.25 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:11:45.35 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:45.35 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:45.35 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:11:45.76 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:45.76 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:45.76 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:45.76 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:11:47.14 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:11:47.89 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:47.89 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:47.89 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:11:48.31 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:48.31 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:48.31 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:48.31 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:11:50.43 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:50.43 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:50.43 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:11:50.85 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:50.85 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:50.85 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:50.85 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:11:52.98 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:52.98 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:52.98 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:11:53.39 [0.4.1.0] [SendCommand] PTT False
```

2011/07/26 19:11:53.39 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:53.39 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:53.39 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:11:55.51 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:55.51 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:55.51 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:11:55.93 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:55.93 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:55.93 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:55.93 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:11:58.06 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:11:58.06 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:11:58.06 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:11:58.48 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:11:58.48 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:11:58.48 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:11:58.48 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:00.60 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:00.60 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:00.60 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:01.01 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:01.01 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:01.01 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:01.01 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:02.07 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:12:03.14 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:03.15 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:03.15 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:03.56 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:03.56 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:03.56 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:03.56 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:05.68 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:05.68 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:05.68 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:06.10 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:06.10 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:06.10 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:06.10 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:06.70 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:12:07.00 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:12:08.23 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:08.23 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:08.23 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:08.64 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:08.64 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:08.64 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:08.64 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:10.76 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:10.76 [0.4.1.0] [SendCommand] PTT True

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2011/07/26 19:12:10.76 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:11.18 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:11.18 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:11.18 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:11.18 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:11.23 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:12:12.84 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:12:13.31 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:13.31 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:13.31 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:13.73 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:13.73 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:13.73 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:13.73 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:14.29 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:12:15.85 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:15.85 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:15.85 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:16.26 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:16.26 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:16.26 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:16.26 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:18.14 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:12:18.39 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:18.40 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:18.40 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:18.81 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:18.81 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:18.81 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:18.81 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:20.93 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:20.93 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:20.93 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:21.35 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:21.35 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:21.35 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:21.35 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:21.39 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:12:23.48 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:23.48 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:23.48 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:23.89 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:23.89 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:23.89 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:23.89 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:26.01 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:26.01 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:26.01 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:26.43 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:26.43 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
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2011/07/26 19:12:26.43 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:26.43 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:28.56 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:28.56 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:28.56 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:28.98 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:28.98 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:28.98 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:28.98 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:31.10 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:31.10 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:31.10 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:31.51 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:31.51 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:31.51 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:31.51 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:33.64 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:33.64 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:33.65 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:34.06 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:34.06 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:34.06 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:34.06 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:34.57 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:12:35.65 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:12:36.18 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:36.18 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:36.18 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:36.60 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:36.60 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:36.60 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:36.60 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:38.73 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:38.73 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:38.73 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:39.14 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:39.14 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:39.14 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:39.14 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:39.93 [0.4.1.0] [V4Interface.DataToSend]: Are you there?
2011/07/26 19:12:40.21 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:12:41.26 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:41.26 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:41.26 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:41.68 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:41.68 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:41.68 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:41.68 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:41.68 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:12:42.92 [0.4.1.0] [SendCommand] BUSY TRUE
```

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2011/07/26 19:12:43.81 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:43.81 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:43.81 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:44.23 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:44.23 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:44.23 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:44.23 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:44.25 [0.4.1.0] [SendCommand] BUSY FALSE
2011/07/26 19:12:45.43 [0.4.1.0] [SendCommand] BUSY TRUE
2011/07/26 19:12:46.35 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:46.35 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:46.35 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:46.76 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:46.76 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:46.76 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:46.76 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:48.89 [0.4.1.0] New ARQ State: TransmitARQ
2011/07/26 19:12:48.89 [0.4.1.0] [SendCommand] PTT True
2011/07/26 19:12:48.89 [0.4.1.0] [PlaySoundStream] Play: V4FSK ARQ IDL
2011/07/26 19:12:49.31 [0.4.1.0] [SendCommand] PTT False
2011/07/26 19:12:49.31 [0.4.1.0] [tmrPoll.Tick Set ARQ state to ISSWaitLeader
2011/07/26 19:12:49.31 [0.4.1.0] New ARQ State: ISSWaitLeader
2011/07/26 19:12:49.31 [0.4.1.0] Start Repeat Timer 1 Interval:2116
2011/07/26 19:12:49.60 [0.4.1.0] [V4Interface.RepeatStop]
2011/07/26 19:12:49.60 [0.4.1.0] New ARQ State: IRSWaitLeader
2011/07/26 19:12:49.60 [0.4.1.0] [SendCommand] DISCONNECTED ARQ Timeout... Outbound buffer
purged.
2011/07/26 19:12:49.60 [0.4.1.0] Session Stats: ******************************
2011/07/26 19:12:49.60 [0.4.1.0] Connected Call sign: KB0E
2011/07/26 19:12:49.60 [0.4.1.0] Frames Sent = 26
2011/07/26 19:12:49.60 [0.4.1.0] Leaders Det = 28
2011/07/26 19:12:49.60 [0.4.1.0] Accumlated Frame Adjust = 0
2011/07/26 19:12:49.60 [0.4.1.0] FEC Syncs = 0
2011/07/26 19:12:49.60 [0.4.1.0] ACK Syncs = 25
2011/07/26 19:12:49.60 [0.4.1.0] NAK Syncs = 0
2011/07/26 19:12:49.60 [0.4.1.0] IDL Syncs = 0
2011/07/26 19:12:49.60 [0.4.1.0] Sync Fails = 3
2011/07/26 19:12:49.60 [0.4.1.0] Measured Round Trip: 891 ms
2011/07/26 19:12:49.60 [0.4.1.0] Good Sumchecks = 0
2011/07/26 19:12:49.62 [0.4.1.0] Failed Sumchecks = 0
2011/07/26 19:12:49.62 [0.4.1.0] IRS<>ISS Link turnovers = 0
2011/07/26 19:12:49.62 [0.4.1.0] ******************************************
```

1380. BugLog

Yahoo group: V4Protocol
Date: 2011-07-26 21:42:13 UTC
From: David
Topic: 1351 Message: 1380

Sorry guys, hit the wrong button.

1381. how do you know ?

Yahoo group: V4Protocol
Date: 2011-07-26 22:16:42 UTC
From: DAVID
Topic: 1381 Message: 1381

have just completed (all failures in ARQ before) my very first qso with the latest version.

question is how does one know where in the tx text you are sending that the other end has received.

ie. a long text with may repeats...how do i know what he has gotten so far ?

david/wd4kpd

1382. Re: how do you know ?

Yahoo group: V4Protocol
Date: 2011-07-27 00:32:04 UTC
From: la7um
Topic: 1381 Message: 1382

Relevant thought. Running Pactor 15 years ago in terminal mode on a KAM you could choose if you wanted the type of Echo actually showing LIVE while getting through.

Maybe such a choice could be of value and of practical use while using a split screen. Typing on the lower screen, what is getting through slowly appearing on the upper screen.

73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "DAVID" <wd4kpd@...> wrote:
>
> have just completed (all failures in ARQ before) my very first qso with the latest version.
>
> question is how does one know where in the tx text you are sending that the other end has received.
>
> ie. a long text with may repeats...how do i know what he has gotten so far ?
>
> david/wd4kpd
>

1383. Re: [V4Protocol] Re: how do you know ?

Yahoo group: V4Protocol
Date: 2011-07-27 01:00:58 UTC
From: Rick Muething
Topic: 1381 Message: 1383

Yes there can be more done....Right now (0.4.1.0) you have an outbound Queue indicator (far upper right of the V4 TNC form) that tells how many bytes are left to be ACKed. That number counts down with each ACKed transmitted frame in ARQ mode (or with each from sent in FEC mode) . When you add more text from the keyboard text box it increments back up. The value shown is always the data still pending to be sent.

Certainly fancier techniques to show the sent text can be done. Its “just a small matter of programming” to for example change the blue italic text in the Session window to something like purple italic or something AS each block that is queued is ACKed. Actually it is not trivial coding but it can be done. But FAR MORE important than this however are more difficult tasks like:
1) Making the protocol itself bulletproof
2) Optimizing the DSP for weak signal decoding and tracking marginal sound card hardware.
3) Optimizing the protocol net throughput to accommodate the wide variety of user configurations yet be automatic so as to not require the user to enter several timing parameters etc.

For the protocol to be accepted it first has to work...then we’ll worry about the nice “fluff” on the user interface. Hopefully there will be other developers that want to use the V4 TNC and put on their own GUI.

Rick KN6KB

From: la7um
Sent: Tuesday, July 26, 2011 8:32 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: how do you know ?

Relevant thought. Running Pactor 15 years ago in terminal mode on a KAM you could choose if you wanted the type of Echo actually showing LIVE while getting through.

Maybe such a choice could be of value and of practical use while using a split screen. Typing on the lower screen, what is getting through slowly appearing on the upper screen.

73 de la7um Finn

--- In mailto:V4Protocol%40yahoogroups.com, "DAVID" <wd4kpd@...> wrote:
>
> have just completed (all failures in ARQ before) my very first qso with the latest version.
>
> question is how does one know where in the tx text you are sending that the other end has received.
>
> ie. a long text with may repeats...how do i know what he has gotten so far ?
>
> david/wd4kpd

>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1390 / Virus Database: 1518/3790 - Release Date: 07/26/11

1384. First contact with new software

Yahoo group: V4Protocol
Date: 2011-07-27 02:18:15 UTC
From: Harry
Topic: 1384 Message: 1384

I had an excellent contact with 9Z4BM on 14073. Perfect copy without any problems. Everything worked as described in the Help file.

Here is his web site: http://9z4bm.tripod.com/

FYI I paste several brag files into the text box using FEC mode and then switch to ARQ mode. My 87 year old fingers need all the help they can get

73 Harry W9IB

1385. que indicator

Yahoo group: V4Protocol
Date: 2011-07-27 12:40:07 UTC
From: David Michael Gaytko // WD4KPD
Topic: 1385 Message: 1385

rgr on the que indicator and remaining text. i did not understand what
was being indicated, hence my query.

david/wd4kkpd
--
God's law is set in stone...everything else is negotiable.

1386. Re: [V4Protocol] Report from VK

Yahoo group: V4Protocol
Date: 2011-07-27 15:14:26 UTC
From: Ted Trostle
Topic: 1351 Message: 1386

Kirk, K6KAR I am sorry for the delayed response.
**
It turns out that I am having a terrible time with my Flex 3000. I upgraded to PowerSDR version 2.1.5. I lost all of my settings and now even as I rebuild them I find that there is a crackling, popping nose in the audio and I believe the RF modulation is distorted especially in digi modes.

I am going back to version 2.0.22 which was perfect for me, but have to rebuild the database I forgot to save !!

I am sure you have done this, but in case you have not, check the WINMOR Help and read the section dealing with Flex radios. Follow those guidelines and your latency will start to go lower. I found if the latency is less than 200 ms everything is OK. I set the Digi buffers to 512 and the sampling rates to the max number provided in the selections.

Ted, WB2LOU

On Tue, Jul 26, 2011 at 12:20 PM, K6KAR <kirk.harding@...> wrote:

> **
>
>
> *Ted,*
>
> * *
>
> *I have the 5000 and would very much like to see your settings.*
>
> * *
>
> *Thanks,*
>
> * *
>
> *Kirk, K6KAR*
>
> * *
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Ted Trostle
> *Sent:* Tuesday, July 26, 2011 7:19 AM
>
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Report from VK****
>

> ** **
>
> ****
>
> Kirk what SDR do you have?. I run the Flex3000 and I have the latency down
> to about 120ms. If you have a Flex I can send you my settings for you to
> test and tweak
>
> Ted, WB2LOU****
>
> On Tue, Jul 26, 2011 at 7:54 AM, K6KAR <kirk.harding@...> wrote:****
>
> ****
>
> *Paul,*****
>
> * *****
>
> *I'm getting around 180 ms. I've made many software tweaks to get latency
> to this level. However, latency could be the source of my problem. I use
> virtual audio cables and virtual com ports. The virtual com port program
> controls PTT. This is the nature of using a software defined radio. Other
> than a 1394A interconnect to my computer, I use no hard wired cabling as all
> interconnects are accomplished via the virtual cables. The only mode I have
> problems with and this is only ARQ is V4. All other third party digital
> programs interconnect and work well.*****
>
> * *****
>
> *73,*****
>
> * *****
>
> *Kirk, K6KAR*****
>
> * *****
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Paul Whitaker
> *Sent:* Tuesday, July 26, 2011 5:47 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* RE: [V4Protocol] Report from VK****
>
> ****
>
> ****
>
> Hi Kirk, John and group,
> Just a comment - the T>R Latency I am getting averages around 47 to 62 ms.
> Wonder what you are getting John ? What is your PTT method ?

>
> Cheers,
>
> Paul Whitaker.
> VK3DPW
>
>
> At 08:28 PM 26/07/2011, you wrote:****
>
>
>
> *With ARQ, I wish that I could say the same but still, no joy here. Using
> a Flex-5000A and VAC, I've got latency down to around 180ms. I do get a
> connect but that's as far as it goes. I realize that my comment without the
> debug log does not provide any useful information. I've set VAC and the
> Flex-5000A to the settings that work for WINMOR/RMS which by the way I have
> no problem. As V4 updates are generated, I'll keep testing but nonetheless,
> it sure is frustrating. Never have had, with any V4 beta release, a
> successful ARQ, QSO.
> *
> *
> *
> *Kirk, K6KAR
> *
> *
> *
> *From:* V4Protocol@yahoogroups.com
[mailto:V4Protocol@yahoogroups.com<V4Protocol@yahoogroups.com>]
> *On Behalf Of *John, VK5PO
> *Sent:* Tuesday, July 26, 2011 3:36 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Report from VK
>
>
>
>
>
> To add further to Pauls comments, We only
> used ARQ, so good to see this mode is usable
> in the latest version of V4 Chat.
> 73, De John, VK5PO
>
> Hi Rick & Group, V4Chat 0.4.1.0, IC706,
> homemade interface with CAT. Contact with
> VK5PO - 680km on 80mtr. Very noisy QRN
> conditions. Some difficulty at first, but we
> found that setting the RX audio level lower -
> low in green, helped a lot. We then got into
> the idea of waiting for the short regular
> handshakes before Ctrl/Enter the new text to

> send. We then had about 15 overs with 100%
> accurate copy - with no extraneous garbage.
> Very pleasing to see. Rick, all we need now
> is a TYPING TUTOR ! Well done. We are also
> experiencing the CWID problem, but hey -
> thats the least of it ! Is there any
> indication when there are repeated frames ?
> (its good to see the progress, and why its
> taking longer) I have been monitoring 14073
> in the hope of hearing some of you Sataeside
> - sent plenty of long FEC CQ's, but nothing
> yet. Also monitoring 3635 in the evenings for
> local traffic. The group is obviously growing
> - is there any way of seeing a list of
> stations / locations to help in finding
> contacts ? Also, frequencies that you
> use..... (14073 ? - others ?) I am trying to
> get our group to all STAY on the one
> frequency each band - (its a big world out
> there !) Thanks guys - very interesting
> watching your posts. '73 Pa ****
>
> ****
>
>
>
>
> --
> You cannot change history, but you can make history !
> Education is the only legal cure for Ignorance. The Stupidity of many is
> incurable.****
>
> ** **
>
> ****
>
>
>

--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is
incurable.

1387. 9Z4BM on 14.073

Yahoo group: V4Protocol
Date: 2011-07-27 15:17:58 UTC
From: Leon Singh
Topic: 1387 Message: 1387

Hi all ...finally repaired my homebrew interface and back on digimodes (mostly testing Winmor and V4) ......Yesterday was my first day using V4 ......
Gimme a conect when you guys can

--

Leon Singh - 9Z4BM
http://9z4bm.tripod.com/
http://9z4bm-hamradio.tripod.com/
http://www.youtube.com/watch?v=biqU_h-Nkfg

I am able to do all things through Christ who strengthens me .

1388. RE: [V4Protocol] Report from VK

Yahoo group: V4Protocol
Date: 2011-07-27 15:49:45 UTC
From: K6KAR
Topic: 1351 Message: 1388

Ted,

Appreciate your advice but using the Flex WINMOR settings is the first thing I did. As I previously mentioned, my latency is down to around 185ms. Rick mentioned in an email that this is well within the V4 design parameters.

With regard to you having trouble with PowerSDR version 2.1.5: I suggest you use Safe Mode 1 or 2. Another area to look at is your buffer settings. You may need to increase these. I also have a 3000 and have no problem with PWSDR vs 2.1.5 As you are probably aware, these settings are really interdependent upon the capability of your computer.

73,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ted Trostle
Sent: Wednesday, July 27, 2011 10:14 AM
To: V4Protocol@yahoogroups.com
Cc: kirk.harding@...
Subject: Re: [V4Protocol] Report from VK

Kirk, K6KAR I am sorry for the delayed response.

It turns out that I am having a terrible time with my Flex 3000. I upgraded to PowerSDR version 2.1.5. I lost all of my settings and now even as I rebuild them I find that there is a crackling, popping nose in the audio and I believe the RF modulation is distorted especially in digi modes.

I am going back to version 2.0.22 which was perfect for me, but have to rebuild the database I forgot to save !!

I am sure you have done this, but in case you have not, check the WINMOR Help and read the section dealing with Flex radios. Follow those guidelines and your latency will start to go lower. I found if the latency is less than 200 ms everything is OK. I set the Digi buffers to 512 and the sampling rates to the max number provided in the selections.

Ted, WB2LOU

On Tue, Jul 26, 2011 at 12:20 PM, K6KAR <kirk.harding@...> wrote:

Ted,

I have the 5000 and would very much like to see your settings.

Thanks,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ted Trostle
Sent: Tuesday, July 26, 2011 7:19 AM

To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Report from VK

Kirk what SDR do you have?. I run the Flex3000 and I have the latency down to about 120ms. If you have a Flex I can send you my settings for you to test and tweak

Ted, WB2LOU

On Tue, Jul 26, 2011 at 7:54 AM, K6KAR <kirk.harding@...> wrote:

Paul,

I'm getting around 180 ms. I've made many software tweaks to get latency to this level. However, latency could be the source of my problem. I use virtual audio cables and virtual com ports. The virtual com port program controls PTT. This is the nature of using a software defined radio. Other than a 1394A interconnect to my computer, I use no hard wired cabling as all interconnects are accomplished via the virtual cables. The only mode I have problems with and this is only ARQ is V4. All other third party digital programs interconnect and work well.

73,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Paul Whitaker
Sent: Tuesday, July 26, 2011 5:47 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Report from VK

Hi Kirk, John and group,
Just a comment - the T>R Latency I am getting averages around 47 to 62 ms. Wonder what you are getting John ? What is your PTT method ?

Cheers,

Paul Whitaker.
VK3DPW

At 08:28 PM 26/07/2011, you wrote:

With ARQ, I wish that I could say the same but still, no joy here. Using a Flex-5000A and VAC, I've got latency down to around 180ms. I do get a connect but that's as far as it goes. I realize that my comment without the debug log does not provide any useful information. I've set VAC and the Flex-5000A to the settings that work for WINMOR/RMS which by the way I have no problem. As V4 updates are generated, I'll keep testing but nonetheless,

it sure is frustrating. Never have had, with any V4 beta release, a successful ARQ, QSO.

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of John, VK5PO
Sent: Tuesday, July 26, 2011 3:36 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Report from VK

To add further to Pauls comments, We only used ARQ, so good to see this mode is usable in the latest version of V4 Chat.
73, De John, VK5PO

Hi Rick & Group, V4Chat 0.4.1.0, IC706, homemade interface with CAT. Contact with VK5PO - 680km on 80mtr. Very noisy QRN conditions. Some difficulty at first, but we found that setting the RX audio level lower - low in green, helped a lot. We then got into the idea of waiting for the short regular handshakes before Ctrl/Enter the new text to send. We then had about 15 overs with 100% accurate copy - with no extraneous garbage. Very pleasing to see. Rick, all we need now is a TYPING TUTOR ! Well done. We are also experiencing the CWID problem, but hey - thats the least of it ! Is there any indication when there are repeated frames ? (its good to see the progress, and why its taking longer) I have been monitoring 14073 in the hope of hearing some of you Sataeside - sent plenty of long FEC CQ's, but nothing yet. Also monitoring 3635 in the evenings for local traffic. The group is obviously growing - is there any way of seeing a list of stations / locations to help in finding contacts ? Also, frequencies that you use..... (14073 ? - others ?) I am trying to get our group to all STAY on the one frequency each band - (its a big world out there !) Thanks guys - very interesting watching your posts. '73 Pa

--
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--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is incurable.

1389. CW ID V4Chag 0.4.1.0

Yahoo group: V4Protocol
Date: 2011-07-27 17:21:31 UTC
From: jhhaynes@earthlink.net
Topic: 1389 Message: 1389

I have the send CW ID box checked, and it says it is
sending the CW ID, but I don't hear it going out.

If I punch the SEND CW ID button on the TNC window
it does send a CW ID.

Jim W6JVE

1390. Re: [V4Protocol] CW ID V4Chag 0.4.1.0

Yahoo group: V4Protocol
Date: 2011-07-27 17:43:46 UTC
From: Rick Muething
Topic: 1389 Message: 1390

Jim,
As most always the case I can’t do much with that word description. Enable the debug log. Clear out the old debug log. Try and re create the problem. Send me the log as an attachment noting the problem observed and the approximate UTC time. There are close to 100,000 lines of code in this ...bugs are only fixed with details.

Rick KN6KB

Version: 10.0.1390 / Virus Database: 1518/3791 - Release Date: 07/27/11

1391. V4 protocol testing to Caribbean de 9Z4BM

Yahoo group: V4Protocol
Date: 2011-07-27 18:17:07 UTC
From: Leon
Topic: 1391 Message: 1391

Anyone interested in trying V4 with me ..... I will be monitoring 14.073 on evenings ..... Also hoping to do short video to upload to youtube ..... Any takers ?????

Leon / 9z4bm

1392. Re: [V4Protocol] V4 protocol testing to Caribbean de 9Z4BM

Yahoo group: V4Protocol
Date: 2011-07-27 20:32:04 UTC
From: Ron Wenig
Topic: 1391 Message: 1392

Hi Leon,

It was great connecting with you today. Like you said conditions were not good. There must have been a lot of of retries because it took a long time to send a small amount of data. But I was able to copy your data until we timed out. It looks like the software is working great.

73, Ron ny3j

On 7/27/2011 2:17 PM, Leon wrote:
>
> Anyone interested in trying V4 with me ..... I will be monitoring
> 14.073 on evenings ..... Also hoping to do short video to upload to
> youtube ..... Any takers ?????
>
> Leon / 9z4bm
>
>

1393. JUST NOTICED IT

Yahoo group: V4Protocol
Date: 2011-07-27 21:09:18 UTC
From: DAVID
Topic: 1393 Message: 1393

i have v4 installed on two machines/rigs.
xp/sp3 and win7/64.

i see that the rx level bar graph on the xp machine is segmented like it
has real led's in it.
the win7 machine has the rx bar graph indicator is solid.

doesn't seem to make a diff, just curious about it.

david/wd4kpd

1394. Re: how do you know ?

Yahoo group: V4Protocol
Date: 2011-07-27 21:35:34 UTC
From: la7um
Topic: 1381 Message: 1394

Hi Rick. Colour changing being an elegant idea of today (after protocoll finished). Back in my monocrome days split screen was the saviour. 73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Yes there can be more done....Right now (0.4.1.0) you have an outbound Queue indicator (far upper right of the V4 TNC form) that tells how many bytes are left to be ACKed. That number counts down with each ACKed transmitted frame in ARQ mode (or with each from sent in FEC mode) . When you add more text from the keyboard text box it increments back up. The value shown is always the data still pending to be sent.
>
> Certainly fancier techniques to show the sent text can be done. Its â□□just a small matter of programmingâ□□ to for example change the blue italic text in the Session window to something like purple italic or something AS each block that is queued is ACKed. Actually it is not trivial coding but it can be done. But FAR MORE important than this however are more difficult tasks like:
> 1) Making the protocol itself bulletproof
> 2) Optimizing the DSP for weak signal decoding and tracking marginal sound card hardware.
> 3) Optimizing the protocol net throughput to accommodate the wide variety of user configurations yet be automatic so as to not require the user to enter several timing parameters etc.
>
> For the protocol to be accepted it first has to work...then weâ□□ll worry about the nice â□□fluffâ□□ on the user interface. Hopefully there will be other developers that want to use the V4 TNC and put on their own GUI.
>
> Rick KN6KB
>
>
>
> From: la7um
> Sent: Tuesday, July 26, 2011 8:32 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: how do you know ?
>
>
> Relevant thought. Running Pactor 15 years ago in terminal mode on a KAM you could choose if you wanted the type of Echo actually showing LIVE while getting through.
>
> Maybe such a choice could be of value and of practical use while using a split screen. Typing on the lower screen, what is getting through slowly appearing on the upper screen.
>
> 73 de la7um Finn
>
> --- In mailto:V4Protocol%40yahoogroups.com, "DAVID" <wd4kpd@> wrote:
> >
> > have just completed (all failures in ARQ before) my very first qso with the latest version.
> >

> > question is how does one know where in the tx text you are sending that the other end has received.
> >
> > ie. a long text with may repeats...how do i know what he has gotten so far ?
> >
> > david/wd4kpd
> >
>
>
>
>
> ---
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1390 / Virus Database: 1518/3790 - Release Date: 07/26/11
>

1395. Re: [V4Protocol] JUST NOTICED IT

Yahoo group: V4Protocol
Date: 2011-07-27 23:52:47 UTC
From: Rick Muething
Topic: 1393 Message: 1395

David,
The program is not compiled for a specific OS. Different OS have different “styles” and those can also be sometimes customized by the user. The level indicator (a progress bar) does sometimes appear different on different Windows versions.

Rick KN6KB

1396. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-07-28 14:12:39 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1396

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.4.2.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4 Chat 0.4.2.0 Full Install with V4TNC, Help and Revision History

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.4.2.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1397. V4 Chat 0.4.2.0 Uploaded to FTP

Yahoo group: V4Protocol
Date: 2011-07-28 14:19:37 UTC
From: kn6kb
Topic: 1397 Message: 1397

All,
This release should take care of several reported problems. Uninstall your previoous version if any, download and unzip the above from the files section and Run the setup. No prior settings will be lost. I am particularly interested if you have a proble with either:
1) T>R Latency measurements or inability to get the value < 250 ms
2) CW ID keying. There have been changes made and additional logging added but I could not get this to fail on my systems using all 4 PTT keying mechanisms. If you still have a failure send all the logs (V4Chat and V4TNC.debug log. along with your configuration.

This also fixes a couple of seldom but serious run time errors that were reported.

This version is compatible with all o.4.x.x but for best results all should upgrade to this new version.

Good Luck.

Rick KN6KB

1398. V4 - version 4.2 testing on 14.073 / 9Z4BM

Yahoo group: V4Protocol
Date: 2011-07-28 15:45:07 UTC
From: Leon
Topic: 1398 Message: 1398

I just updated to ver 4.2 , and will be around to run any test on 14.073

leon / 9Z4bm

1399. Newbies please note!

Yahoo group: V4Protocol
Date: 2011-07-28 19:01:45 UTC
From: Rick Muething
Topic: 1398 Message: 1399

I Just had a “QSO” on 20M with someone using version 0.4.2.0. He was obviously not familiar with how V4 and V4 Chat works. Though he wasn’t strong I could copy them well. I could watch my outbound text queue count down to 0 (that is my confirmation that he is receiving) but he never grabbed the link back after my typing (always ending with BTU or K). We tried 3 times but I don’t think he knew how to send data. Remember it is called V4 :”Chat” for a reason! It should work just like a conversation and the protocol should be interlocked to make sure both can’t “Send data” at the same time. I know I am not the best help writer in the world but it does have information that is important and it is reasonably current. If you’re not sure how it works please read the section on ARQ sessions in the V4 Chat help.

73,
Rick KN6KB

1400. ARQ Call Window

Yahoo group: V4Protocol
Date: 2011-07-28 22:33:33 UTC
From: jgmags2000
Topic: 1400 Message: 1400

Is there a way to dock the ARQ Call window within the program's screen.
Thanks for any response.

73, John KJ1J

1401. (no subject)

Yahoo group: V4Protocol
Date: 2011-07-29 00:45:34 UTC
From: SgtJLawson
Topic: 1401 Message: 1401

ive had so much on my mind I needed a shove in the right direction you
should take advantage of this!
http://www.fraza.ua/aw.php?lyboq&ref=yahoo.com&hdparm=google.com&u=http://daily-job.net/esubmit/bizopp_b.php
now I am complete this could be your big break
trust me, you will be happy

1402. Re: [V4Protocol] ARQ Call Window

Yahoo group: V4Protocol
Date: 2011-07-29 01:04:48 UTC
From: Rick Muething
Topic: 1400 Message: 1402

John,
In software there is almost always a “Way”. But docking windows is not trivial and I consider it a GUI frill. That means it gets put at the end of the TO-DO list behind things like:
Protocol bugs
CW ID bugs
Sensitivity tweaks etc.

Those things that HAVE to be fixed to make the protocol bulletproof and usable are always first on the list!

What is probably easier and as useful (most people don’t understand docking) is to just remember the offset of the Call window from the main window (X, Y) and repeat that position (relative to the main Window) after the user drags the Call window to to wherever he wants it. That way the user can position it anywhere docked or not and it will stay at the same relative position until changed by dragging it again. The other option would be to have the ARQ Call menu Item just create a drop down that had two options: “CQ” or a blank place to enter a call sign. That can sometimes be more cumbersome however.

73,

Rick KN6KB
From: jgmags2000
Sent: Thursday, July 28, 2011 6:33 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] ARQ Call Window

Is there a way to dock the ARQ Call window within the program's screen.
Thanks for any response.

73, John KJ1J

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1390 / Virus Database: 1518/3793 - Release Date: 07/28/11

1403. Re: [V4Protocol] ARQ Call Window

Yahoo group: V4Protocol
Date: 2011-07-29 02:10:52 UTC
From: JGMAGS
Topic: 1400 Message: 1403

Thanks Rick, I certainly didn't mean this to be on the priority list. But you did give a "work around". 73, catch you on V4.
KJ1J

"Many a good argument is ruined by some fool that knows what he is talking about"
... Marshall McLuhan...

_____
From: Rick Muething <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Thursday, July 28, 2011 9:04 PM
Subject: Re: [V4Protocol] ARQ Call Window

John,
In software there is almost always a “Way”. But docking windows is not trivial and I consider it a GUI frill. That means it gets put at the end of the TO-DO list behind things like:
    Protocol bugs
    CW ID bugs
    Sensitivity tweaks etc.

Those things that HAVE to be fixed to make the protocol bulletproof and usable are always first on the list!

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73,

Rick
KN6KB

From: jgmags2000
Sent: Thursday, July 28, 2011 6:33 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] ARQ Call Window

Is there a way to dock the ARQ Call window within the program's screen.
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No virus found in this
message.
Checked by AVG - www.avg.com
Version: 10.0.1390 / Virus
Database: 1518/3793 - Release Date:
07/28/11

1404. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-07-29 15:43:08 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1404

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.4.3.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.4.3.0 Full install with V4TNC and revision history

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.4.3.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1405. New V4Chat Version 0.4.3.0 Uploaded to FTP

Yahoo group: V4Protocol
Date: 2011-07-29 16:02:28 UTC
From: kn6kb
Topic: 1405 Message: 1405

All,

I have uploaded a new version with some important fixes including the problem with CWID in some configurations.

Uninstall your existing version and re install using the V4ChatSetup in the downloaded zip. No settings will be lost.

If you are new to ARQ please read the V4Chat Help on how to make an ARQ connection. It appears from several posts QSOs I had yesterday that some don't quite understand how ARQ and V4Chat in particular work.

If you are having problems decoding with signals that otherwise appear fairly good try this:
1) Adjust the receive level to the middle of the green
2) Play with the threshold Generally 3-7 default is 5.
3) Try with the bandpass filter in or out.
4) Make sure the signal is fairly close to the red center line.

At this stage it is VERY important to send the V4TNC debug log along with some indication of when (UTC) the problem was observed. I need the details in that log to make any changes. Send the logs as attachments directly to me.

73 and good luck,

Rick Muething, KN6KB

1406. ARQ

Yahoo group: V4Protocol
Date: 2011-07-29 18:56:29 UTC
From: Harry
Topic: 1406 Message: 1406

Rick

Thanks for ARQ paste

Harry W9IB

1407. Re: [V4Protocol] ARQ

Yahoo group: V4Protocol
Date: 2011-07-29 19:26:43 UTC
From: Rick Muething
Topic: 1406 Message: 1407

Harry,

Yes I got to thinking the “Paste” is fine even when disconnected it is just the “paste and send” that won’t work until you’re connected.

Rick KN6KB

From: Harry
Sent: Friday, July 29, 2011 2:56 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] ARQ

Rick

Thanks for ARQ paste

Harry W9IB

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1390 / Virus Database: 1518/3796 - Release Date: 07/29/11

1408. Re: [V4Protocol] New V4Chat Version 0.4.3.0 Uploaded to FTP

Yahoo group: V4Protocol
Date: 2011-07-29 23:09:06 UTC
From: Jack Swift
Topic: 1405 Message: 1408

remember - "there's no such thing as a dumb question..." -- so please
don't flail me <g>

your e-mailed instructions say "re install using the Setup.exe in the
downloaded zip."
your 'readme' instructions say "re install using the V4ChatSetup.msi
in the downloaded zip."

i've used both and the result seems to work...

what's the difference between the two files?

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-482-0530, 281-5300
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

1409. Re: [V4Protocol] New V4Chat Version 0.4.3.0 Uploaded to FTP

Yahoo group: V4Protocol
Date: 2011-07-30 00:19:18 UTC
From: Rick Muething
Topic: 1405 Message: 1409

Jack,
That is actually a very good question. What I believe is the setup.exe just looks for the MSI and runs it. I know I can usually just send the msi file (without the setup) and it will install unless you don't have the correct version of Setup.exe in your OS (unlikely). So maybe one of the MS Setup guru's have a better explanation?...I am copying Peter from development team who might know!

Rick KN6KB

From: Jack Swift
Sent: Friday, July 29, 2011 7:09 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New V4Chat Version 0.4.3.0 Uploaded to FTP

remember - "there's no such thing as a dumb question..." -- so please
don't flail me <g>

your e-mailed instructions say "re install using the Setup.exe in the
downloaded zip."
your 'readme' instructions say "re install using the V4ChatSetup.msi
in the downloaded zip."

i've used both and the result seems to work...

what's the difference between the two files?

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-482-0530, 281-5300
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1390 / Virus Database: 1518/3796 - Release Date: 07/29/11

1410. RE: [V4Protocol] New V4Chat Version 0.4.3.0 Uploaded to FTP

Yahoo group: V4Protocol
Date: 2011-07-30 00:44:03 UTC
From: Charles Blackburn
Topic: 1405 Message: 1410

MSI files are database files, used by Windows Installer. They contain information about an application which is devided into features and components, and every component may hold files, registry data, shortcuts etc. The MSI file also contains the UI that is to be used for installing, and various other data such as any prerequisites to look for, custom actions to execute, the order of the installation procedure, whether to support Administrative installations, etc. It can also contain the actual files to be installed themselves (this isn't always the case though, the files can also be in an external CAB file or just as plain uncompressed files in a location where MSI can find them).
MSI files are the current recommended way of doing installations on Windows. The alternative is writing a program that performs the installation itself.
MSI files are executed by an EXE file that is part of Windows, called MSIEXEC.EXE. This application reads the data in the MSI file and executes the installation.

Windows Installer is pretty new, especially the newest version (3.0). Often installations that use MSI still come with an EXE (e.g. SETUP.EXE). This EXE is a so-called 'bootstrapper'. It doesn't perform the installation, it simply checks if the correct version of Windows Installer is present on the system, if not it launched the MSI Redistributable (MsiInstA.exe or MsiInstW.exe depending on the platform) and then launches MSIEXEC.EXE on the MSI file. In certain cases (especially Internet downloads), the MSI file and MSI redistributable are packed inside that EXE file, so you don't see they're there.
So installations can come in three flavours:
1. A custom, third-party installation system in an EXE file.
2. A Windows Installer installation in an MSI file.
3. An EXE file that bootstraps an MSI file (that may be embedded inside the EXE file).
MSI files can only be installations. EXE files can be literally anything that can run on your computer.

1411. Re: [V4Protocol] New V4Chat Version 0.4.3.0 Uploaded to FTP

Yahoo group: V4Protocol
Date: 2011-07-30 01:05:46 UTC
From: Rick Muething
Topic: 1405 Message: 1411

Thanks Charles...a great explanation!

Rick KN6KB

From: Charles Blackburn
Sent: Friday, July 29, 2011 8:44 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] New V4Chat Version 0.4.3.0 Uploaded to FTP

MSI files are database files, used by Windows Installer. They contain information about an application which is devided into features and components, and every component may hold files, registry data, shortcuts etc. The MSI file also contains the UI that is to be used for installing, and various other data such as any prerequisites to look for, custom actions to execute, the order of the installation procedure, whether to support Administrative installations, etc. It can also contain the actual files to be installed themselves (this isn't always the case though, the files can also be in an external CAB file or just as plain uncompressed files in a location where MSI can find them).
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So installations can come in three flavours:
1. A custom, third-party installation system in an EXE file.
2. A Windows Installer installation in an MSI file.
3. An EXE file that bootstraps an MSI file (that may be embedded inside the EXE file).
MSI files can only be installations. EXE files can be literally anything that can run on your computer.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1390 / Virus Database: 1518/3797 - Release Date: 07/29/11

1412. RE: [V4Protocol] New V4Chat Version 0.4.3.0 Uploaded to FTP

Yahoo group: V4Protocol
Date: 2011-07-30 01:09:52 UTC
From: Charles Blackburn
Topic: 1405 Message: 1412

Not a problem…

I stole it from somewhere on the net via google, someone asked me the same thing a week or so ago so I just dug through my emails.

charlie

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Friday, July 29, 2011 9:06 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New V4Chat Version 0.4.3.0 Uploaded to FTP

Thanks Charles...a great explanation!

Rick KN6KB

From: Charles Blackburn <mailto:ai4ri@...>

Sent: Friday, July 29, 2011 8:44 PM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] New V4Chat Version 0.4.3.0 Uploaded to FTP

MSI files are database files, used by Windows Installer. They contain information about an application which is devided into features and components, and every component may hold files, registry data, shortcuts etc. The MSI file also contains the UI that is to be used for installing, and various other data such as any prerequisites to look for, custom actions to execute, the order of the installation procedure, whether to support Administrative installations, etc. It can also contain the actual files to be installed themselves (this isn't always the case though, the files can also be in an external CAB file or just as plain uncompressed files in a location where MSI can find them).
MSI files are the current recommended way of doing installations on Windows. The alternative is writing a program that performs the installation itself.
MSI files are executed by an EXE file that is part of Windows, called MSIEXEC.EXE. This application reads the data in the MSI file and executes the installation.

Windows Installer is pretty new, especially the newest version (3.0). Often installations that use MSI still come with an EXE (e.g. SETUP.EXE). This EXE is a so-called 'bootstrapper'. It doesn't perform the installation, it simply checks if the correct version of Windows Installer is present on the system, if not it launched the MSI Redistributable (MsiInstA.exe or MsiInstW.exe depending on the platform) and then launches MSIEXEC.EXE on the MSI file. In certain cases (especially Internet downloads), the MSI file and MSI redistributable are packed inside that EXE file, so you don't see they're there.
So installations can come in three flavours:
1. A custom, third-party installation system in an EXE file.
2. A Windows Installer installation in an MSI file.

3. An EXE file that bootstraps an MSI file (that may be embedded inside the EXE file). MSI files can only be installations. EXE files can be literally anything that can run on your computer.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1390 / Virus Database: 1518/3797 - Release Date: 07/29/11

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1390 / Virus Database: 1518/3797 - Release Date: 07/29/11

1413. 0.4.3.0

Yahoo group: V4Protocol
Date: 2011-07-30 12:07:07 UTC
From: MR WOODS.
Topic: 1413 Message: 1413

Did I overdo things? Have the same ver (0.4.3.0) in VH Chat and the TNC. Ed WD9DVA

1414. Re: 0.4.3.0

Yahoo group: V4Protocol
Date: 2011-07-30 14:51:20 UTC
From: Bob Thornton
Topic: 1413 Message: 1414

Thatsounds right to me. I think the last release had not had the TNC
version set correct at release. I am sure Rick has a whole drawerful of versions that we never get to see!

Bob

G3WKW
--- In V4Protocol@yahoogroups.com, "MR WOODS." <wd9dva@...> wrote:
>
> Did I overdo things? Have the same ver (0.4.3.0) in VH Chat and the TNC. Ed WD9DVA
>

1415. Test ZS6AAG on 14073

Yahoo group: V4Protocol
Date: 2011-07-30 14:59:37 UTC
From: ZS6AAG
Topic: 1415 Message: 1415

I am trying and testing now on 14073 anybody for a test 73 from ZS6AAG

1416. Re: [V4Protocol] Test ZS6AAG on 14073

Yahoo group: V4Protocol
Date: 2011-07-30 15:01:43 UTC
From: John, VK5PO
Topic: 1415 Message: 1416

got a faint cw id from you om...am listening,
but band is very very quiet
73 de john, VK5PO

On 31/07/2011 12:29 AM, ZS6AAG wrote:
> I am trying and testing now on 14073 anybody for a test 73 from ZS6AAG
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

1417. Re: Test ZS6AAG on 14073

Yahoo group: V4Protocol
Date: 2011-07-30 15:12:03 UTC
From: ZS6AAG
Topic: 1415 Message: 1417

Ok John i am trying to connect you in arq mode but propagation very quiet, 73 from Jean Louis (ZS6AAG, 3DAMF and C91MSF)

--- In V4Protocol@yahoogroups.com, "John, VK5PO" <vk5po@...> wrote:
>
> got a faint cw id from you om...am listening,
> but band is very very quiet
> 73 de john, VK5PO
>
> On 31/07/2011 12:29 AM, ZS6AAG wrote:
> > I am trying and testing now on 14073 anybody for a test 73 from ZS6AAG
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
>

1418. qso anyone - I'm on 10136Khz at 1825Z 30 July

Yahoo group: V4Protocol
Date: 2011-07-30 17:24:38 UTC
From: Dick Lamberson
Topic: 1418 Message: 1418

Looking for a V4Chat QSO
W4WEB, Dick

1419. Re: qso anyone - I'm on 10136Khz at 1825Z 30 July

Yahoo group: V4Protocol
Date: 2011-07-30 18:04:25 UTC
From: captcurt@flash.net
Topic: 1418 Message: 1419

I'm on 14.073 right now but will join you on 30M at 1825

KU8L

--- In V4Protocol@yahoogroups.com, "Dick Lamberson" <w4web@...> wrote:
>
> Looking for a V4Chat QSO
> W4WEB, Dick
>

1420. Re: [V4Protocol] qso anyone - I'm on 10136Khz at 1825Z 30 July

Yahoo group: V4Protocol
Date: 2011-07-30 18:10:41 UTC
From: Ron Wenig
Topic: 1418 Message: 1420

Hi Dick,

On 14.073 I had 2 connects with you but no QSO. The signal looked
pretty good. Did you copy anything I sent.

Ron ny3j

On 7/30/2011 1:24 PM, Dick Lamberson wrote:
>
> Looking for a V4Chat QSO
> W4WEB, Dick
>

1421. Re: [V4Protocol] qso anyone - I'm on 10136Khz at 1825Z 30 July

Yahoo group: V4Protocol
Date: 2011-07-30 18:40:24 UTC
From: Curt Nixon
Topic: 1418 Message: 1421

Hi Dick..we connected once but the condx are very poor here. I suspect the ARQ was not going to work without better prop. We'll get it another time. Same situation with NR5G earlier on 14.073

Curt
KU8L

Dick Lamberson wrote:
>
> Looking for a V4Chat QSO
> W4WEB, Dick
>

1422. Re: [V4Protocol] qso anyone - I'm on 10136Khz at 1825Z 30 July

Yahoo group: V4Protocol
Date: 2011-07-30 18:41:19 UTC
From: Dick Lamberson
Topic: 1418 Message: 1422

Yes, I got your name and your qth - but you never acked anything I sent - or at least I could not tell that you had.
Thanks for trying,
73
Dick, W4WEB

----- Original Message -----
From: Ron Wenig
To: V4Protocol@yahoogroups.com
Sent: Saturday, July 30, 2011 2:10 PM
Subject: Re: [V4Protocol] qso anyone - I'm on 10136Khz at 1825Z 30 July

Hi Dick,

On 14.073 I had 2 connects with you but no QSO. The signal looked pretty good. Did you copy anything I sent.

Ron ny3j

On 7/30/2011 1:24 PM, Dick Lamberson wrote:

Looking for a V4Chat QSO
W4WEB, Dick

1423. Re: [V4Protocol] qso anyone - I'm on 10136Khz at 1825Z 30 July

Yahoo group: V4Protocol
Date: 2011-07-30 18:43:16 UTC
From: Dick Lamberson
Topic: 1418 Message: 1423

Rgr thanks Curt ... I heard you good when you called CQ - but only that one attempt at linking.
73
Dick

----- Original Message -----
From: "Curt Nixon" <captcurt@...>
To: <V4Protocol@yahoogroups.com>
Sent: Saturday, July 30, 2011 2:40 PM
Subject: Re: [V4Protocol] qso anyone - I'm on 10136Khz at 1825Z 30 July

> Hi Dick..we connected once but the condx are very poor here. I suspect
> the ARQ was not going to work without better prop. We'll get it another
> time. Same situation with NR5G earlier on 14.073
>
> Curt
> KU8L
>
> Dick Lamberson wrote:
>>
>> Looking for a V4Chat QSO
>> W4WEB, Dick
>>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

1424. Re: [V4Protocol] qso anyone - I'm on 10136Khz at 1825Z 30 July

Yahoo group: V4Protocol
Date: 2011-07-30 18:57:19 UTC
From: Ron Wenig
Topic: 1418 Message: 1424

Thanks Dick, well that's 2 lines out of about so at least we must be
doing it correctly :-)

73, Ron ny3j

On 7/30/2011 2:41 PM, Dick Lamberson wrote:
>
> Yes, I got your name and your qth - but you never acked anything I
> sent - or at least I could not tell that you had.
> Thanks for trying,
> 73
> Dick, W4WEB
>
> ----- Original Message -----
> *From:* Ron Wenig <mailto:rwenig@...>
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Saturday, July 30, 2011 2:10 PM
> *Subject:* Re: [V4Protocol] qso anyone - I'm on 10136Khz at 1825Z
> 30 July
>
> Hi Dick,
>
> On 14.073 I had 2 connects with you but no QSO. The signal looked
> pretty good. Did you copy anything I sent.
>
> Ron ny3j
>
> On 7/30/2011 1:24 PM, Dick Lamberson wrote:
>
>> Looking for a V4Chat QSO
>> W4WEB, Dick
>
>

1425. Confirmation of sent data

Yahoo group: V4Protocol
Date: 2011-07-31 00:15:36 UTC
From: Rick Muething
Topic: 1415 Message: 1425

All,

There still appears to be much misunderstanding about when data is flowing. All the information is there:

If you are the ISS (the station currently sending data)
1) The V4TNC form show ISS in a red label just above the Xmit Frame label
2) The size in bytes of you Outbound Queue is shown on the upper right corner of the V4 TNC form
3) As the Other side (the IRS) ACKs your can be assured they have received and displayed the data AND your OB queue number will decrement down toward 0. When it reaches 0 all the data that was entered has been sent, was received and is confirmed

If you are the IRS station (the station currently receiving data)
1) The V4TNC form shows IRS in a green label just above the Xmit Frame label.
2) When data is received and decoded correctly it is immediately passed to the V4 Chat session window (bold black text) and an ACK is sent to the ISS.
3) As the IRS your outbound queue is also shown on the upper right of the V4TNC but it will NOT decrement until you become the ISS. That happens automatically When:
a) The ISS has FINISHED sending (his queue is 0) and he signals this by sending IDLs instead of Data
AND
b) The IRS has data pending outbound queue>0.

Understanding this is essential to making it work...It’s the same way Pactor and many other ARQ modes work.

Rick KN6KB

1426. VK3DPW looking for contacts

Yahoo group: V4Protocol
Date: 2011-07-31 00:58:58 UTC
From: Paul Whitaker
Topic: 1415 Message: 1426

Hi Rick & Group,
Looks like the 0.4.3.0 version has the CW ID working now for me.
Looking for contacts - Will be monitoring 14073, 7037.8, and for the more local, 3635, at appropriate times of day.

20mx to the States seems to be good from 0400 hours GMT, so will at least have the station running on ARQ if Im not presently in the shack.
Feel free to call me to try for a connect.

V4Chat looking good.....

'73
Paul Whitaker.
VK3DPW

1427. Re: [V4Protocol] VK3DPW looking for contacts

Yahoo group: V4Protocol
Date: 2011-07-31 01:11:54 UTC
From: John, VK5PO
Topic: 1415 Message: 1427

calling you on 7037.8 kc now paul

73 de John

On 31/07/2011 10:28 AM, Paul Whitaker wrote:
> Hi Rick& Group,
> Looks like the 0.4.3.0 version has the CW ID working now for me.
> Looking for contacts - Will be monitoring 14073, 7037.8, and for the more
> local, 3635, at appropriate times of day.
>
> 20mx to the States seems to be good from 0400 hours GMT, so will at least
> have the station running on ARQ if Im not presently in the shack.
> Feel free to call me to try for a connect.
>
> V4Chat looking good.....
>
> '73
> Paul Whitaker.
> VK3DPW
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

1428. TEST QSO on 40M??? Anyone?

Yahoo group: V4Protocol
Date: 2011-07-31 01:59:29 UTC
From: captcurt@flash.net
Topic: 1428 Message: 1428

20m Is too noisey here right now...anyone for a try on 40M?

1429. Re: [V4Protocol] TEST QSO on 40M??? Anyone?

Yahoo group: V4Protocol
Date: 2011-07-31 02:26:06 UTC
From: W5JMW
Topic: 1428 Message: 1429

sure,list'n 7037..
----- Original Message -----
From: captcurt@flash.net
To: V4Protocol@yahoogroups.com
Sent: Saturday, July 30, 2011 8:59 PM
Subject: [V4Protocol] TEST QSO on 40M??? Anyone?

20m Is too noisey here right now...anyone for a try on 40M?

1430. Re: [V4Protocol] TEST QSO on 40M??? Anyone?

Yahoo group: V4Protocol
Date: 2011-07-31 02:27:34 UTC
From: W5JMW
Topic: 1428 Message: 1430

actually list'n 7070.00
----- Original Message -----
From: captcurt@flash.net
To: V4Protocol@yahoogroups.com
Sent: Saturday, July 30, 2011 8:59 PM
Subject: [V4Protocol] TEST QSO on 40M??? Anyone?

20m Is too noisey here right now...anyone for a try on 40M?

1431. Re: TEST QSO on 40M??? Anyone?

Yahoo group: V4Protocol
Date: 2011-07-31 02:36:07 UTC
From: captcurt@flash.net
Topic: 1428 Message: 1431

hEARD YOU THERE VERY WELL GREAT SIGNAL BUT THEN NOTHING...DID YOU COPY ME AT ALL?

--- In V4Protocol@yahoogroups.com, "W5JMW" <w5jmw@...> wrote:
>
> actually list'n 7070.00
> ----- Original Message -----
> From: captcurt@...
> To: V4Protocol@yahoogroups.com
> Sent: Saturday, July 30, 2011 8:59 PM
> Subject: [V4Protocol] TEST QSO on 40M??? Anyone?
>
>
>
> 20m Is too noisey here right now...anyone for a try on 40M?
>

1432. Re: VK3DPW looking for contacts

Yahoo group: V4Protocol
Date: 2011-07-31 02:42:58 UTC
From: Leon
Topic: 1415 Message: 1432

V4 on 40m sounds like fun ..... I have real good propagation to the USA and EU on 40m ...
In fact much better signals than 20m these days ....
So who else to try 40m --- 7.037.8 is the prefered freq ????

Leon / 9z4bm

1433. Re: [V4Protocol] TEST QSO on 40M??? Anyone?

Yahoo group: V4Protocol
Date: 2011-07-31 02:55:23 UTC
From: Phil Williams
Topic: 1428 Message: 1433

I am game..still around?

phil de ka1gmn

On Sat, Jul 30, 2011 at 8:59 PM, captcurt@... <captcurt@...>wrote:

> **
>
>
> 20m Is too noisey here right now...anyone for a try on 40M?
>
>
>

--
Philw de KA1GMN

1434. Re: TEST QSO on 40M??? Anyone?

Yahoo group: V4Protocol
Date: 2011-07-31 02:57:35 UTC
From: Leon
Topic: 1428 Message: 1434

I am around for a test on 40m ..... What freq ??? 7.070 ????

Leon / 9Z4BM

1435. Re: TEST QSO on 40M??? Anyone?

Yahoo group: V4Protocol
Date: 2011-07-31 02:57:36 UTC
From: Leon
Topic: 1428 Message: 1435

I am around for a test on 40m ..... What freq ??? 7.070 ????

Leon / 9Z4BM

1436. Re: [V4Protocol] Re: TEST QSO on 40M??? Anyone?

Yahoo group: V4Protocol
Date: 2011-07-31 03:01:16 UTC
From: Phil Williams
Topic: 1428 Message: 1436

ok 7.070...will be there in a few...phil de ka1gmn

On Sat, Jul 30, 2011 at 9:57 PM, Leon <control@...> wrote:

> **
>
>
> I am around for a test on 40m ..... What freq ??? 7.070 ????
>
> Leon / 9Z4BM
>
>
>

--
Philw de KA1GMN

1437. Re: TEST QSO on 40M??? Anyone?

Yahoo group: V4Protocol
Date: 2011-07-31 03:15:32 UTC
From: captcurt@flash.net
Topic: 1428 Message: 1437

cOPIED YOU WELL HERE IN EN82. RESPONDED BUT YOU MUST NOT HAVE HEARD ME. SAW YOU CALLING THE 9Z4 ALSO. NO JOY.

I'll be on 20M again in morning.

--- In V4Protocol@yahoogroups.com, Phil Williams <ka1gmn@...> wrote:
>
> I am game..still around?
>
> phil de ka1gmn
>
>
> On Sat, Jul 30, 2011 at 8:59 PM, captcurt@... <captcurt@...>wrote:
>
> > **
> >
> >
> > 20m Is too noisey here right now...anyone for a try on 40M?
> >
> >
> >
>
>
>
> --
> Philw de KA1GMN
>

1438. K3UK Digi Sked Page

Yahoo group: V4Protocol
Date: 2011-07-31 03:19:26 UTC
From: captcurt@flash.net
Topic: 1438 Message: 1438

FWIW..

the K3UK Sked page has a section dedicated to Digi.

It is a great real-time chat tool for tools like V4. Several of us check it regularly and V4 users already there.

IMHO, it is a much better venue than this to find someone active and where. Its just faster and easier to see all stations.

http://www.obriensweb.com/sked/

Curt
KU8L

http://www.obriensweb.com/sked/

1439. Latest Obs, V4.3.0

Yahoo group: V4Protocol
Date: 2011-07-31 08:33:54 UTC
From: John, VK5PO
Topic: 1415 Message: 1439

Conducting further test this afternoon on 40m
proved to be an almost non event.

Myself and Paul (VK3DPW) played around for
an hour or more, but only a few lines of text
were exchanged.

For keybord to keyboard qso's Winmor kills
V4. Needless to say, winmor has a wider
bandwidth than v4,

and data speeds ramp up quite nicely.

We acheived speeds up to 5.7kb per
minute....testing by dumping several text
files. Its incredible.!!!!

Without dumping a tub of water on V4 chat, it
has a long way to go before it could be
considered reliable.

I hear you all ask... How do you do keyboard
to keyboard qso's with winmor...

Ask, and I shall tell...
Email me direct.
vk5po@...

73, de VK5PO John McRae Lewiston South
Australia
>

1440. Re: [V4Protocol] Latest Obs, V4.3.0

Yahoo group: V4Protocol
Date: 2011-07-31 11:23:43 UTC
From: Rick Muething
Topic: 1415 Message: 1440

John,
I would very much like to see your debug logs of V4 (V4 TNC debug). and if possible your WINMOR TNC debug logs near the same time.

Some points in your comparisons of V4 and WINMOR

1) WINMOR is quite a bit more mature than V4 (I should know, I wrote both protocols). WINMOR is now going on 4 years old.
2) I know the coding used and theory well for both WINMOR and V4 and V4 should be more robust once debugged. Why?
WINMOR uses 94 baud vs 47 baud.... That is faster of course but half the energy per bit which is a lot in terms of affecting the Bit Error Rate.
WINMOR does not use Viterbi encoding with interleaving on 4FSK.... Only RS FEC. That is more susceptible to burst errors.
WINMOR takes up more than twice the bandwidth (higher speed of course) but also < half the signal to noise (same power...twice the noise bandwidth)
3) WINMOR is optimized for sending binary data (e.g. files and attachments) and has a much higher latency (less “slick”) so it is not as convenient in a back-and-forth keyboard type connection.
4) The concept behind V4 was make a protocol as robust as possible that fits into 200 Hz and runs fast enough to keep up with a fairly good typist (about 40-50 WPM).

Perhaps its time to re think both again and perhaps put a mode into WINMOR that better fits keyboarding. One thing that would be certain. It would give me a lot more time to concentrate on the effort!

Please send me the debug logs if you have them. They tell far more than an email could on what is really happening inside the protocols.

73,
Rick Muething, KN6KB

From: John, VK5PO
Sent: Sunday, July 31, 2011 4:33 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Latest Obs, V4.3.0

Conducting further test this afternoon on 40m proved to be an almost non event.

Myself and Paul (VK3DPW) played around for an hour or more, but only a few lines of text were exchanged.

For keybord to keyboard qso's Winmor kills V4. Needless to say, winmor has a wider bandwidth than v4,

and data speeds ramp up quite nicely.

We acheived speeds up to 5.7kb per minute....testing by dumping several text files. Its incredible.!!!!

Without dumping a tub of water on V4 chat, it has a long way to go before it could be considered reliable.

I hear you all ask... How do you do keyboard to keyboard qso's with winmor...

Ask, and I shall tell...
Email me direct.
vk5po@...

73, de VK5PO John McRae Lewiston South Australia

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1390 / Virus Database: 1518/3799 - Release Date: 07/30/11

1441. [V4Protocol] NY3J on 14.073

Yahoo group: V4Protocol
Date: 2011-07-31 12:10:34 UTC
From: Ron Wenig
Topic: 1415 Message: 1441

Standing by on 14.073 and on http://www.obriensweb.com/sked/ for chat.

73, Ron ny3j

1442. Debug Logs?

Yahoo group: V4Protocol
Date: 2011-07-31 13:39:09 UTC
From: Curt Nixon
Topic: 1415 Message: 1442

Hi Rick and all:

Where would you like us to send debug logs? To You direct? or here?

NY3J and I, (KU8L) tried several attempts this AM and the pair of logs might help. What we observed was this.

1. Kind of shaky connects but a couple of successful connections established but dropped out while trying to send info. 20M and I suspect that the conditions were not so good.

2. Moved to 40M and got nearly instant connects a couple of times. But while it looked like data was transferring, the process stopped part way thru and then ISS timed out while sending repeats.

From Ron NY3J end, he observed apparently that his system was trying to send while I was sending. Ths sounds like a QSB or signal condition problem to me but perhaps you could confirm what was happening by seeing both logs.?

I am trying to recruit a local to try this all out at solid NVIS-type conditions. both 40 and 20 here have been less than ideal lately.

THanks

Curt
KU8L
>
>

1443. Re: [V4Protocol] Debug Logs?

Yahoo group: V4Protocol
Date: 2011-07-31 13:47:11 UTC
From: Ron Wenig
Topic: 1415 Message: 1443

Curt,

Thanks for the test on V4Chat. I was sending you acks while you were transmitting until I timed out and you kept trying to send. Rick, I guess this is normal under ARQ mode but Curt probably wasn't copying my acks.

I don't have enough experience to know if this is normal operation.

Ron ny3j

On 7/31/2011 9:39 AM, Curt Nixon wrote:
>
> Hi Rick and all:
>
> Where would you like us to send debug logs? To You direct? or here?
>
> NY3J and I, (KU8L) tried several attempts this AM and the pair of logs
> might help. What we observed was this.
>
> 1. Kind of shaky connects but a couple of successful connections
> established but dropped out while trying to send info. 20M and I
> suspect that the conditions were not so good.
>
> 2. Moved to 40M and got nearly instant connects a couple of times. But
> while it looked like data was transferring, the process stopped part way
> thru and then ISS timed out while sending repeats.
>
> >From Ron NY3J end, he observed apparently that his system was trying to
> send while I was sending. Ths sounds like a QSB or signal condition
> problem to me but perhaps you could confirm what was happening by seeing
> both logs.?
>
> I am trying to recruit a local to try this all out at solid NVIS-type
> conditions. both 40 and 20 here have been less than ideal lately.
>
> THanks
>
> Curt
> KU8L
> >
> >
>
>

1444. Re: [V4Protocol] Debug Logs?

Yahoo group: V4Protocol
Date: 2011-07-31 14:09:18 UTC
From: Rick Muething
Topic: 1415 Message: 1444

Ron,

As I have said many times before and is in the Help....Send logs directly to me as attachments.

Your word description doesn't tell me much. Was the ISS really sending you data or IDLs? If data and his timeout is anything reasonable (say 60 or more seconds) it is unlikely it will time out. Remember a connect request frame is DATA ...its just formatted in a particular way to cram in both call signs into 16 characters. If you can CONNECT you have already sent one data frame and that had to be ACKed in less than 30 seconds.

If the other side was sending IDLs it was because nothing was in their outbound queue (Did they type anything after connecting? Did they transfer the typed data to the outbound queue with a <Ctrl> Cr? If not the ISS will keep repeating IDLs until it times out. I don't know how to fix that...maybe just make up some text and send the first few lines of the Tale of Two Cities???

The logs tell me all ...even the quality of the decode. Without them debugging or improving is almost impossible.

Rick KN6KB

1445. Re: [V4Protocol] TEST QSO on 40M??? Anyone?

Yahoo group: V4Protocol
Date: 2011-07-31 15:09:30 UTC
From: Ed Woods WD9DVA
Topic: 1428 Message: 1445

if your conus try 7076 upper. 73 Ed WD9DVA (7/31/11 1509z)
----- Original Message -----
From: W5JMW
To: V4Protocol@yahoogroups.com
Sent: Sunday, July 31, 2011 02:27
Subject: Re: [V4Protocol] TEST QSO on 40M??? Anyone?

actually list'n 7070.00
----- Original Message -----
From: captcurt@...
To: V4Protocol@yahoogroups.com
Sent: Saturday, July 30, 2011 8:59 PM
Subject: [V4Protocol] TEST QSO on 40M??? Anyone?

20m Is too noisey here right now...anyone for a try on 40M?

1446. Re: [V4Protocol] K3UK Digi Sked Page

Yahoo group: V4Protocol
Date: 2011-07-31 15:41:22 UTC
From: Ed Woods WD9DVA
Topic: 1438 Message: 1446

WENT TO THE SIGHT CUDNT FIND THE SKED PAGE. NOTHING MADE MUCH SENCE. 73 ED WD9DVA
----- Original Message -----
From: captcurt@...
To: V4Protocol@yahoogroups.com
Sent: Sunday, July 31, 2011 03:19
Subject: [V4Protocol] K3UK Digi Sked Page

FWIW..

the K3UK Sked page has a section dedicated to Digi.

It is a great real-time chat tool for tools like V4. Several of us check it regularly and V4 users already there.

IMHO, it is a much better venue than this to find someone active and where. Its just faster and easier to see all stations.

http://www.obriensweb.com/sked/

Curt
KU8L

http://www.obriensweb.com/sked/

1447. Re: [V4Protocol] K3UK Digi Sked Page

Yahoo group: V4Protocol
Date: 2011-07-31 15:45:16 UTC
From: Ron Wenig
Topic: 1438 Message: 1447

Ed,
Log in with your callsign, no password needed. Then click JT65 -digi,
it's a combined page. On the bottom is the field, in white, where you
can post messages to the group. After you enter your text click post.

If you want to you can click profile to update your qth.

73, Ron ny3j

On 7/31/2011 11:41 AM, Ed Woods WD9DVA wrote:
>
> /WENT TO THE SIGHT CUDNT FIND THE SKED PAGE. NOTHING MADE MUCH SENCE.
> 73 ED WD9DVA/
>
> ----- Original Message -----
> *From:* captcurt@... <mailto:captcurt@...>
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Sunday, July 31, 2011 03:19
> *Subject:* [V4Protocol] K3UK Digi Sked Page
>
> FWIW..
>
> the K3UK Sked page has a section dedicated to Digi.
>
> It is a great real-time chat tool for tools like V4. Several of us
> check it regularly and V4 users already there.
>
> IMHO, it is a much better venue than this to find someone active
> and where. Its just faster and easier to see all stations.
>
> http://www.obriensweb.com/sked/
>
> Curt
> KU8L
>
> http://www.obriensweb.com/sked/
>
>

1448. Re: [V4Protocol] K3UK Digi Sked Page

Yahoo group: V4Protocol
Date: 2011-07-31 15:54:01 UTC
From: Curt Nixon
Topic: 1438 Message: 1448

Hi Ed:

If you get to the main page thru the link, there should be a set of colored bars on the right frame of the page. If you dont see the colored selection bars for JT65-Digi, LOTW, SKCC, MARS, etc, then click "Fix Frames" in the middle of the top of the window..that should get you to see JT65-Digi bar. click and you are in the digi sked/chat area. I think you have to sign in to post but it is simple and secure. I have never had any security issues from the page in 3 or more years of use. It really is a great tool.

Curt
KU8L

Ed Woods WD9DVA wrote:
>
> /WENT TO THE SIGHT CUDNT FIND THE SKED PAGE. NOTHING MADE MUCH SENCE.
> 73 ED WD9DVA/
>
> ----- Original Message -----
> *From:* captcurt@... <mailto:captcurt@...>
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Sunday, July 31, 2011 03:19
> *Subject:* [V4Protocol] K3UK Digi Sked Page
>
> FWIW..
>
> the K3UK Sked page has a section dedicated to Digi.
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> check it regularly and V4 users already there.
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> IMHO, it is a much better venue than this to find someone active
> and where. Its just faster and easier to see all stations.
>
> http://www.obriensweb.com/sked/
>
> Curt
> KU8L
>
> http://www.obriensweb.com/sked/
>
>

1449. Re: [V4Protocol] K3UK Digi Sked Page

Yahoo group: V4Protocol
Date: 2011-07-31 16:06:28 UTC
From: Ed Woods WD9DVA
Topic: 1438 Message: 1449

Curt we got it, I was looking for V4 CHAT. At 82 I need a map. 73 Ed WD9DVA
----- Original Message -----
From: "Curt Nixon" <captcurt@...>
To: <V4Protocol@yahoogroups.com>
Sent: Sunday, July 31, 2011 15:54
Subject: Re: [V4Protocol] K3UK Digi Sked Page

> Hi Ed:
>
> If you get to the main page thru the link, there should be a set of
> colored bars on the right frame of the page. If you dont see the colored
> selection bars for JT65-Digi, LOTW, SKCC, MARS, etc, then click "Fix
> Frames" in the middle of the top of the window..that should get you to
> see JT65-Digi bar. click and you are in the digi sked/chat area. I think
> you have to sign in to post but it is simple and secure. I have never
> had any security issues from the page in 3 or more years of use. It
> really is a great tool.
>
> Curt
> KU8L
>
> Ed Woods WD9DVA wrote:
>>
>> /WENT TO THE SIGHT CUDNT FIND THE SKED PAGE. NOTHING MADE MUCH SENCE.
>> 73 ED WD9DVA/
>>
>> ----- Original Message -----
>> *From:* captcurt@... <mailto:captcurt@...>
>> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>> *Sent:* Sunday, July 31, 2011 03:19
>> *Subject:* [V4Protocol] K3UK Digi Sked Page
>>
>> FWIW..
>>
>> the K3UK Sked page has a section dedicated to Digi.
>>
>> It is a great real-time chat tool for tools like V4. Several of us
>> check it regularly and V4 users already there.
>>
>> IMHO, it is a much better venue than this to find someone active
>> and where. Its just faster and easier to see all stations.
>>
>> http://www.obriensweb.com/sked/
>>
>> Curt

>> KU8L
>>
>> http://www.obriensweb.com/sked/
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> Yahoo! Groups Links
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1450. Re: [V4Protocol] K3UK Digi Sked Page

Yahoo group: V4Protocol
Date: 2011-07-31 16:23:19 UTC
From: Curt Nixon
Topic: 1438 Message: 1450

Hey Ed..I'm not far behind ya there my friend.

But how many 80 year olds do you know in the neighborhood that play with advanced digital RF communications software? :)

Ed Woods WD9DVA wrote:
> Curt we got it, I was looking for V4 CHAT. At 82 I need a map. 73 Ed WD9DVA
> ----- Original Message -----
> From: "Curt Nixon" <captcurt@...>
> To: <V4Protocol@yahoogroups.com>
> Sent: Sunday, July 31, 2011 15:54
> Subject: Re: [V4Protocol] K3UK Digi Sked Page
>
>
>
>> Hi Ed:
>>
>> If you get to the main page thru the link, there should be a set of
>> colored bars on the right frame of the page. If you dont see the colored
>> selection bars for JT65-Digi, LOTW, SKCC, MARS, etc, then click "Fix
>> Frames" in the middle of the top of the window..that should get you to
>> see JT65-Digi bar. click and you are in the digi sked/chat area. I think
>> you have to sign in to post but it is simple and secure. I have never
>> had any security issues from the page in 3 or more years of use. It
>> really is a great tool.
>>
>> Curt
>> KU8L
>>
>> Ed Woods WD9DVA wrote:
>>
>>> /WENT TO THE SIGHT CUDNT FIND THE SKED PAGE. NOTHING MADE MUCH SENCE.
>>> 73 ED WD9DVA/
>>>
>>> ----- Original Message -----
>>> *From:* captcurt@... <mailto:captcurt@...>
>>> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>>> *Sent:* Sunday, July 31, 2011 03:19
>>> *Subject:* [V4Protocol] K3UK Digi Sked Page
>>>
>>> FWIW..
>>>
>>> the K3UK Sked page has a section dedicated to Digi.
>>>
>>> It is a great real-time chat tool for tools like V4. Several of us

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>>> IMHO, it is a much better venue than this to find someone active
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>>> http://www.obriensweb.com/sked/
>>>
>>> Curt
>>> KU8L
>>>
>>> http://www.obriensweb.com/sked/
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1451. WD9DVA

Yahoo group: V4Protocol
Date: 2011-07-31 17:38:17 UTC
From: captcurt@flash.net
Topic: 1451 Message: 1451

Hi OM. Good loud signal on 40M but having problem decoding.

It sounds like your setup is clipping off part of the ack and also clipping the Morse ID. When I can decode the CQ, it wont ever complete a transfer because I never get a good ack during my transmissions.

You might try backing off on the drive to the rig and soundcard output levels to see if that helps. Also be sure to check the latency testing as described in the help files.

Just a thought..you're close..

Curt
KU8L

1452. RE: [V4Protocol] K3UK Digi Sked Page

Yahoo group: V4Protocol
Date: 2011-07-31 17:53:36 UTC
From: Dr Fred hambrecht
Topic: 1438 Message: 1452

Hey how about you old farts leaving digital communications to us young 72 year olds. :>)

73
Fred W4JLE

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Curt Nixon
Sent: Sunday, July 31, 2011 12:23 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] K3UK Digi Sked Page

Hey Ed..I'm not far behind ya there my friend.

But how many 80 year olds do you know in the neighborhood that play with advanced digital RF communications software? :)

Ed Woods WD9DVA wrote:
> Curt we got it, I was looking for V4 CHAT. At 82 I need a map. 73 Ed WD9DVA
> ----- Original Message -----
> From: "Curt Nixon" <captcurt@...>
> To: <V4Protocol@yahoogroups.com>
> Sent: Sunday, July 31, 2011 15:54
> Subject: Re: [V4Protocol] K3UK Digi Sked Page
>
>
>
>> Hi Ed:
>>
>> If you get to the main page thru the link, there should be a set of
>> colored bars on the right frame of the page. If you dont see the colored
>> selection bars for JT65-Digi, LOTW, SKCC, MARS, etc, then click "Fix
>> Frames" in the middle of the top of the window..that should get you to
>> see JT65-Digi bar. click and you are in the digi sked/chat area. I think
>> you have to sign in to post but it is simple and secure. I have never
>> had any security issues from the page in 3 or more years of use. It
>> really is a great tool.
>>
>> Curt
>> KU8L
>>
>> Ed Woods WD9DVA wrote:
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>>> /WENT TO THE SIGHT CUDNT FIND THE SKED PAGE. NOTHING MADE MUCH SENCE.

>>> 73 ED WD9DVA/
>>>
>>> ----- Original Message -----
>>> *From:* captcurt@... <mailto:captcurt@...>
>>> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>>> *Sent:* Sunday, July 31, 2011 03:19
>>> *Subject:* [V4Protocol] K3UK Digi Sked Page
>>>
>>> FWIW..
>>>
>>> the K3UK Sked page has a section dedicated to Digi.
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>>> It is a great real-time chat tool for tools like V4. Several of us
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>>> http://www.obriensweb.com/sked/
>>>
>>> Curt
>>> KU8L
>>>
>>> http://www.obriensweb.com/sked/
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>> Yahoo! Groups Links
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Yahoo! Groups Links

1453. Re: [V4Protocol] WD9DVA

Yahoo group: V4Protocol
Date: 2011-07-31 18:01:29 UTC
From: Ed Woods WD9DVA
Topic: 1451 Message: 1453

Hi Curt and thanks for hanging around. FEC was lots easier than vv4 chat. Here where the entire problem might lay. I'm using a RigBlaster Plus. It has never let me down on anyother digital modes, so I keep asking why here? I know this much in the other modes I was always able to adjust the soundcard to remove all of the alc but inturn lowered the power. In v4 chat this is not happening. Any ideas will always be accepted. 73 Ed WD9DVA, Greenwood, In
----- Original Message -----
From: captcurt@...
To: V4Protocol@yahoogroups.com
Sent: Sunday, July 31, 2011 17:38
Subject: [V4Protocol] WD9DVA

Hi OM. Good loud signal on 40M but having problem decoding.

It sounds like your setup is clipping off part of the ack and also clipping the Morse ID. When I can decode the CQ, it wont ever complete a transfer because I never get a good ack during my transmissions.

You might try backing off on the drive to the rig and soundcard output levels to see if that helps. Also be sure to check the latency testing as described in the help files.

Just a thought..you're close..

Curt
KU8L

1454. Re: [V4Protocol] WD9DVA

Yahoo group: V4Protocol
Date: 2011-07-31 18:20:34 UTC
From: Curt Nixon
Topic: 1451 Message: 1454

Hi Ed:

I'm not really familiar with the Rigblaster as I use a homebrew isolated transformer interface between my various rigs and the PC. Perhaps the output settings in the PC are overwhelming the rigblaster. Open the volume controls in the PC and try to reduce them?.

Other than that, perhaps someone that uses the RB+ will help.

In previous QSO's here, I could always hear the bird chirp ACK. (DOO-WEE) between my frames. In your case, I only hear the WEE part and so my transmissions just repeat looking for the ack.

Also, I can hear clips on each character during the CW ID.

I think as a measure of drive, you should be able to use the two-tone test in V$ and be able to adjust to 50-80W or so using a normal mike input level if you use mic input (similar with an aux input. It should definitely not be pushing up ALC I would think.

Not sure this helps but a try.

Curt
KU8L

Ed Woods WD9DVA wrote:
>
> /Hi Curt and thanks for hanging around. FEC was lots easier than vv4
> chat. Here where the entire problem might lay. I'm using a RigBlaster
> Plus. It has never let me down on anyother digital modes, so I keep
> asking why here? I know this much in the other modes I was always able
> to adjust the soundcard to remove all of the alc but inturn lowered
> the power. In v4 chat this is not happening. Any ideas will always be
> accepted. 73 Ed WD9DVA, Greenwood, In/
>
> ----- Original Message -----
> *From:* captcurt@... <mailto:captcurt@...>
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Sunday, July 31, 2011 17:38
> *Subject:* [V4Protocol] WD9DVA
>
> Hi OM. Good loud signal on 40M but having problem decoding.
>
> It sounds like your setup is clipping off part of the ack and also
> clipping the Morse ID. When I can decode the CQ, it wont ever
> complete a transfer because I never get a good ack during my
> transmissions.

>
> You might try backing off on the drive to the rig and soundcard
> output levels to see if that helps. Also be sure to check the
> latency testing as described in the help files.
>
> Just a thought..you're close..
>
> Curt
> KU8L
>
>

1455. Re: [V4Protocol] WD9DVA

Yahoo group: V4Protocol
Date: 2011-07-31 21:02:04 UTC
From: Ed Woods WD9DVA
Topic: 1451 Message: 1455

Curt thanks, I'look in those directions. What would you think about maybe some RF? 73 Ed
----- Original Message -----
From: "Curt Nixon" <captcurt@...>
To: <V4Protocol@yahoogroups.com>
Sent: Sunday, July 31, 2011 18:20
Subject: Re: [V4Protocol] WD9DVA

> Hi Ed:
>
> I'm not really familiar with the Rigblaster as I use a homebrew isolated
> transformer interface between my various rigs and the PC. Perhaps the
> output settings in the PC are overwhelming the rigblaster. Open the
> volume controls in the PC and try to reduce them?.
>
> Other than that, perhaps someone that uses the RB+ will help.
>
> In previous QSO's here, I could always hear the bird chirp ACK.
> (DOO-WEE) between my frames. In your case, I only hear the WEE part and
> so my transmissions just repeat looking for the ack.
>
> Also, I can hear clips on each character during the CW ID.
>
> I think as a measure of drive, you should be able to use the two-tone
> test in V$ and be able to adjust to 50-80W or so using a normal mike
> input level if you use mic input (similar with an aux input. It should
> definitely not be pushing up ALC I would think.
>
> Not sure this helps but a try.
>
> Curt
> KU8L
>
> Ed Woods WD9DVA wrote:
>>
>> /Hi Curt and thanks for hanging around. FEC was lots easier than vv4
>> chat. Here where the entire problem might lay. I'm using a RigBlaster
>> Plus. It has never let me down on anyother digital modes, so I keep
>> asking why here? I know this much in the other modes I was always able
>> to adjust the soundcard to remove all of the alc but inturn lowered
>> the power. In v4 chat this is not happening. Any ideas will always be
>> accepted. 73 Ed WD9DVA, Greenwood, In/
>>
>> ----- Original Message -----
>> *From:* captcurt@... <mailto:captcurt@...>

>> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>> *Sent:* Sunday, July 31, 2011 17:38
>> *Subject:* [V4Protocol] WD9DVA
>>
>> Hi OM. Good loud signal on 40M but having problem decoding.
>>
>> It sounds like your setup is clipping off part of the ack and also
>> clipping the Morse ID. When I can decode the CQ, it wont ever
>> complete a transfer because I never get a good ack during my
>> transmissions.
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>> You might try backing off on the drive to the rig and soundcard
>> output levels to see if that helps. Also be sure to check the
>> latency testing as described in the help files.
>>
>> Just a thought..you're close..
>>
>> Curt
>> KU8L
>>
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> Yahoo! Groups Links
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1456. Re: [V4Protocol] Debug Logs?

Yahoo group: V4Protocol
Date: 2011-07-31 21:04:19 UTC
From: John, VK5PO
Topic: 1415 Message: 1456

On 31/07/2011 11:09 PM, Curt Nixon wrote:
> Hi Rick and all:
>
> Where would you like us to send debug logs? To You direct? or here?
>
> NY3J and I, (KU8L) tried several attempts this AM and the pair of logs
> might help. What we observed was this.
>
> 1. Kind of shaky connects but a couple of successful connections
> established but dropped out while trying to send info. 20M and I
> suspect that the conditions were not so good.
>
> 2. Moved to 40M and got nearly instant connects a couple of times. But
> while it looked like data was transferring, the process stopped part way
> thru and then ISS timed out while sending repeats.
>
> From Ron NY3J end, he observed apparently that his system was trying to
> send while I was sending. Ths sounds like a QSB or signal condition
> problem to me but perhaps you could confirm what was happening by seeing
> both logs.?
>
> I am trying to recruit a local to try this all out at solid NVIS-type
> conditions. both 40 and 20 here have been less than ideal lately.
>
> THanks
>
> Curt
> KU8L
>>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
>

1457. Re: WD9DVA

Yahoo group: V4Protocol
Date: 2011-07-31 21:22:10 UTC
From: captcurt@flash.net
Topic: 1451 Message: 1457

Well that is certainly possible but if the setup works for other modes ok, probably not. Will it work OK at 50-80W with RTTY?

I had some issues with RF..only on 15M, added a line choke to the coax feedline, made sure the PC was grounded, and I have ferrite chokes at the mike input and the PC soundcard inputs.

Did you do the two tone T-R latency test?

Curt

--- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@...> wrote:
>
> Curt thanks, I'look in those directions. What would you think about maybe
> some RF? 73 Ed
> ----- Original Message -----
> From: "Curt Nixon" <captcurt@...>
> To: <V4Protocol@yahoogroups.com>
> Sent: Sunday, July 31, 2011 18:20
> Subject: Re: [V4Protocol] WD9DVA
>
>
> > Hi Ed:
> >
> > I'm not really familiar with the Rigblaster as I use a homebrew isolated
> > transformer interface between my various rigs and the PC. Perhaps the
> > output settings in the PC are overwhelming the rigblaster. Open the
> > volume controls in the PC and try to reduce them?.
> >
> > Other than that, perhaps someone that uses the RB+ will help.
> >
> > In previous QSO's here, I could always hear the bird chirp ACK.
> > (DOO-WEE) between my frames. In your case, I only hear the WEE part and
> > so my transmissions just repeat looking for the ack.
> >
> > Also, I can hear clips on each character during the CW ID.
> >
> > I think as a measure of drive, you should be able to use the two-tone
> > test in V$ and be able to adjust to 50-80W or so using a normal mike
> > input level if you use mic input (similar with an aux input. It should
> > definitely not be pushing up ALC I would think.
> >
> > Not sure this helps but a try.
> >
> > Curt
> > KU8L

> >
> > Ed Woods WD9DVA wrote:
> >>
> >> /Hi Curt and thanks for hanging around. FEC was lots easier than vv4
> >> chat. Here where the entire problem might lay. I'm using a RigBlaster
> >> Plus. It has never let me down on anyother digital modes, so I keep
> >> asking why here? I know this much in the other modes I was always able
> >> to adjust the soundcard to remove all of the alc but inturn lowered
> >> the power. In v4 chat this is not happening. Any ideas will always be
> >> accepted. 73 Ed WD9DVA, Greenwood, In/
> >>
> >> ----- Original Message -----
> >> *From:* captcurt@... <mailto:captcurt@...>
> >> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> >> *Sent:* Sunday, July 31, 2011 17:38
> >> *Subject:* [V4Protocol] WD9DVA
> >>
> >> Hi OM. Good loud signal on 40M but having problem decoding.
> >>
> >> It sounds like your setup is clipping off part of the ack and also
> >> clipping the Morse ID. When I can decode the CQ, it wont ever
> >> complete a transfer because I never get a good ack during my
> >> transmissions.
> >>
> >> You might try backing off on the drive to the rig and soundcard
> >> output levels to see if that helps. Also be sure to check the
> >> latency testing as described in the help files.
> >>
> >> Just a thought..you're close..
> >>
> >> Curt
> >> KU8L
> >>
> >>
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
> > >
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1458. Re: WD9DVA

Yahoo group: V4Protocol
Date: 2011-07-31 22:04:30 UTC
From: captcurt@flash.net
Topic: 1451 Message: 1458

Another thought on the drive levels Ed:

In SETUP for V4 there is a DRIVE LEVEL setting. Leaving all else the same, you might try reducing that to perhaps 50 or 70% to see if that makes a dif in your ALC issue. That would tell you it is all just overdriving the rig. I looked at the RB+ manual and it just looks like a stright interface so levels can be set at the PC (WIN AUDIO Output settings, at the Interface and at the Rig. Not sure yet if the V4 Setup drive level setting changes the windows levels or not but I suspect it may not so try that.

Curt

--- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@...> wrote:
>
> Curt thanks, I'look in those directions. What would you think about maybe
> some RF? 73 Ed
> ----- Original Message -----
> From: "Curt Nixon" <captcurt@...>
> To: <V4Protocol@yahoogroups.com>
> Sent: Sunday, July 31, 2011 18:20
> Subject: Re: [V4Protocol] WD9DVA
>
>
> > Hi Ed:
> >
> > I'm not really familiar with the Rigblaster as I use a homebrew isolated
> > transformer interface between my various rigs and the PC. Perhaps the
> > output settings in the PC are overwhelming the rigblaster. Open the
> > volume controls in the PC and try to reduce them?.
> >
> > Other than that, perhaps someone that uses the RB+ will help.
> >
> > In previous QSO's here, I could always hear the bird chirp ACK.
> > (DOO-WEE) between my frames. In your case, I only hear the WEE part and
> > so my transmissions just repeat looking for the ack.
> >
> > Also, I can hear clips on each character during the CW ID.
> >
> > I think as a measure of drive, you should be able to use the two-tone
> > test in V$ and be able to adjust to 50-80W or so using a normal mike
> > input level if you use mic input (similar with an aux input. It should
> > definitely not be pushing up ALC I would think.
> >
> > Not sure this helps but a try.
> >
> > Curt
> > KU8L

> >
> > Ed Woods WD9DVA wrote:
> >>
> >> /Hi Curt and thanks for hanging around. FEC was lots easier than vv4
> >> chat. Here where the entire problem might lay. I'm using a RigBlaster
> >> Plus. It has never let me down on anyother digital modes, so I keep
> >> asking why here? I know this much in the other modes I was always able
> >> to adjust the soundcard to remove all of the alc but inturn lowered
> >> the power. In v4 chat this is not happening. Any ideas will always be
> >> accepted. 73 Ed WD9DVA, Greenwood, In/
> >>
> >> ----- Original Message -----
> >> *From:* captcurt@... <mailto:captcurt@...>
> >> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> >> *Sent:* Sunday, July 31, 2011 17:38
> >> *Subject:* [V4Protocol] WD9DVA
> >>
> >> Hi OM. Good loud signal on 40M but having problem decoding.
> >>
> >> It sounds like your setup is clipping off part of the ack and also
> >> clipping the Morse ID. When I can decode the CQ, it wont ever
> >> complete a transfer because I never get a good ack during my
> >> transmissions.
> >>
> >> You might try backing off on the drive to the rig and soundcard
> >> output levels to see if that helps. Also be sure to check the
> >> latency testing as described in the help files.
> >>
> >> Just a thought..you're close..
> >>
> >> Curt
> >> KU8L
> >>
> >>
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
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1459. Operation Questions/ Observations today.

Yahoo group: V4Protocol
Date: 2011-07-31 22:27:25 UTC
From: captcurt@flash.net
Topic: 1459 Message: 1459

Hello to all:

Several times now, during unsuccessful attempts, I will do a ARQ Call to a Callsign and get a CONNECTED TO message and the system starts to cycle the (I think) IDL . The ARQ State is cycling from IRSWaitLeader to TransmitACK (think that is right msg) which is orange.

So I type in some text and hit CTRL CR and the text goes to the Session text box but the OB Que never changes from 0 to show the text was queued.

Is this because the text wont go into the queue until I am ISS? I first thought it would queue up and wait for the ISS or does it just stay in the buffer?

It seems when the system gets into this cycling loop it never exchanges from IRS to ISS and I never am receiving anything from the other station either. Constellation was score 58-60 S/N 0 or -1

Does this just sound like a quality of signal /strength issue in the exchange of ACK etc?

The basic decoding seems to be pretty good..even printing CQ Requests that are barely heard. But synching up and exchanging is much more sensitive.

Is there some typical lower threshold of S/N or Constellation score that has been seen so far?

1460. Re: [V4Protocol] Operation Questions/ Observations today.

Yahoo group: V4Protocol
Date: 2011-07-31 22:41:03 UTC
From: Ed Woods WD9DVA
Topic: 1459 Message: 1460

Hi Curt, hey I experience the same issue(s). If you get any replies with ideas, please forward sme here. Tnx 73 Ed WD9DVA
----- Original Message -----
From: captcurt@...
To: V4Protocol@yahoogroups.com
Sent: Sunday, July 31, 2011 22:27
Subject: [V4Protocol] Operation Questions/ Observations today.

Hello to all:

Several times now, during unsuccessful attempts, I will do a ARQ Call to a Callsign and get a CONNECTED TO message and the system starts to cycle the (I think) IDL . The ARQ State is cycling from IRSWaitLeader to TransmitACK (think that is right msg) which is orange.

So I type in some text and hit CTRL CR and the text goes to the Session text box but the OB Que never changes from 0 to show the text was queued.

Is this because the text wont go into the queue until I am ISS? I first thought it would queue up and wait for the ISS or does it just stay in the buffer?

It seems when the system gets into this cycling loop it never exchanges from IRS to ISS and I never am receiving anything from the other station either. Constellation was score 58-60 S/N 0 or -1

Does this just sound like a quality of signal /strength issue in the exchange of ACK etc?

The basic decoding seems to be pretty good..even printing CQ Requests that are barely heard. But synching up and exchanging is much more sensitive.

Is there some typical lower threshold of S/N or Constellation score that has been seen so far?

1461. Re: [V4Protocol] Operation Questions/ Observations today.

Yahoo group: V4Protocol
Date: 2011-07-31 22:47:06 UTC
From: Ted Trostle
Topic: 1459 Message: 1461

I basically agree with your observations as my experience is similar. The frustrating part I have is that the connection seems to go idle and I never become an ISS and then it times out. I am beginning to believe that signal level, noise and QSB impact the timing sequence of the protocol steps and the expected transition and exchange is not compatible with the conditions. If I switch to FEC connections every time are very good and the exchange of the conversation flows relatively smooth. When QSB hits and parts of words are missed, just like in CW you can fill in the blanks.

I would like to test V4 with a rock solid RF connection. With all respect to Rick I'd bet it would be perfect.

Ted, WB2LOU

On Sun, Jul 31, 2011 at 6:27 PM, captcurt@... <captcurt@...>wrote:

> **
>
>
> Hello to all:
>
> Several times now, during unsuccessful attempts, I will do a ARQ Call to a
> Callsign and get a CONNECTED TO message and the system starts to cycle the
> (I think) IDL . The ARQ State is cycling from IRSWaitLeader to TransmitACK
> (think that is right msg) which is orange.
>
> So I type in some text and hit CTRL CR and the text goes to the Session
> text box but the OB Que never changes from 0 to show the text was queued.
>
> Is this because the text wont go into the queue until I am ISS? I first
> thought it would queue up and wait for the ISS or does it just stay in the
> buffer?
>
> It seems when the system gets into this cycling loop it never exchanges
> from IRS to ISS and I never am receiving anything from the other station
> either. Constellation was score 58-60 S/N 0 or -1
>
> Does this just sound like a quality of signal /strength issue in the
> exchange of ACK etc?
>
> The basic decoding seems to be pretty good..even printing CQ Requests that
> are barely heard. But synching up and exchanging is much more sensitive.
>
> Is there some typical lower threshold of S/N or Constellation score that
> has been seen so far?
>

>
>

--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is
incurable.

1462. Re: [V4Protocol] Re: WD9DVA

Yahoo group: V4Protocol
Date: 2011-07-31 23:21:59 UTC
From: Curt Nixon
Topic: 1451 Message: 1462

Hi Ed:

I'm stuck..perhaps Rick can tell what is going on. I noticed Score 20
S/N 10.

I am sending him my log and you should send yours as well. Both of them
for this date and point to the period from 2300-2317Z. Rick can match
them up and see whats up.

Still think it is a signal quality problem of some sort or TR latency.
mine is 100mS +/-

Curt

captcurt@... wrote:
>
> Another thought on the drive levels Ed:
>
> In SETUP for V4 there is a DRIVE LEVEL setting. Leaving all else the
> same, you might try reducing that to perhaps 50 or 70% to see if that
> makes a dif in your ALC issue. That would tell you it is all just
> overdriving the rig. I looked at the RB+ manual and it just looks like
> a stright interface so levels can be set at the PC (WIN AUDIO Output
> settings, at the Interface and at the Rig. Not sure yet if the V4
> Setup drive level setting changes the windows levels or not but I
> suspect it may not so try that.
>
> Curt
>
> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>, "Ed Woods WD9DVA" <wd9dva@...>
> wrote:
> >
> > Curt thanks, I'look in those directions. What would you think about
> maybe
> > some RF? 73 Ed
> > ----- Original Message -----
> > From: "Curt Nixon" <captcurt@...>
> > To: <V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>>
> > Sent: Sunday, July 31, 2011 18:20
> > Subject: Re: [V4Protocol] WD9DVA
> >
> >
> > > Hi Ed:
> > >
> > > I'm not really familiar with the Rigblaster as I use a homebrew

> isolated
> > > transformer interface between my various rigs and the PC. Perhaps the
> > > output settings in the PC are overwhelming the rigblaster. Open the
> > > volume controls in the PC and try to reduce them?.
> > >
> > > Other than that, perhaps someone that uses the RB+ will help.
> > >
> > > In previous QSO's here, I could always hear the bird chirp ACK.
> > > (DOO-WEE) between my frames. In your case, I only hear the WEE
> part and
> > > so my transmissions just repeat looking for the ack.
> > >
> > > Also, I can hear clips on each character during the CW ID.
> > >
> > > I think as a measure of drive, you should be able to use the two-tone
> > > test in V$ and be able to adjust to 50-80W or so using a normal mike
> > > input level if you use mic input (similar with an aux input. It should
> > > definitely not be pushing up ALC I would think.
> > >
> > > Not sure this helps but a try.
> > >
> > > Curt
> > > KU8L
> > >
> > > Ed Woods WD9DVA wrote:
> > >>
> > >> /Hi Curt and thanks for hanging around. FEC was lots easier than vv4
> > >> chat. Here where the entire problem might lay. I'm using a RigBlaster
> > >> Plus. It has never let me down on anyother digital modes, so I keep
> > >> asking why here? I know this much in the other modes I was always
> able
> > >> to adjust the soundcard to remove all of the alc but inturn lowered
> > >> the power. In v4 chat this is not happening. Any ideas will always be
> > >> accepted. 73 Ed WD9DVA, Greenwood, In/
> > >>
> > >> ----- Original Message -----
> > >> *From:* captcurt@... <mailto:captcurt@...>
> > >> *To:* V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> <mailto:V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>>
> > >> *Sent:* Sunday, July 31, 2011 17:38
> > >> *Subject:* [V4Protocol] WD9DVA
> > >>
> > >> Hi OM. Good loud signal on 40M but having problem decoding.
> > >>
> > >> It sounds like your setup is clipping off part of the ack and also
> > >> clipping the Morse ID. When I can decode the CQ, it wont ever
> > >> complete a transfer because I never get a good ack during my
> > >> transmissions.
> > >>

> > >> You might try backing off on the drive to the rig and soundcard
> > >> output levels to see if that helps. Also be sure to check the
> > >> latency testing as described in the help files.
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> > >> Just a thought..you're close..
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> > >> Curt
> > >> KU8L
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> > > Yahoo! Groups Links
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1463. Re: [V4Protocol] Operation Questions/ Observations today.

Yahoo group: V4Protocol
Date: 2011-07-31 23:29:04 UTC
From: Curt Nixon
Topic: 1459 Message: 1463

Hi Ted:

Yes..I DID have two perfect QSO's today..both were pretty solid signal wise. Rick has my log so he can see what the S/N conditions were but audibly good.

I have read all the docs and papers and he does say that it is designed for NVIS-type of comm. That tells me it needs a good stable signal. He also says that to get ARQ to work, QRN, signal strength, etc need to be good at BOTH ends.

BUT..also mentioned is the target of a robust, weak signal keyboard mode. robust I expect refers to the error correcting. The FEC mode without all the ARQ synch overhead seems to be very good as I would expect.

Hey..this is what Beta testing is for. I think it is very cool. I appreciate what Rick and others are doing and know it is no simple task.

The thing that we can all do is to give the best, most objective, factual reports back to Rick and logs that show what he needs to see.

Curt
KU8L

Ted Trostle wrote:
>
>
> I basically agree with your observations as my experience is similar.
> The frustrating part I have is that the connection seems to go idle
> and I never become an ISS and then it times out. I am beginning to
> believe that signal level, noise and QSB impact the timing sequence of
> the protocol steps and the expected transition and exchange is not
> compatible with the conditions. If I switch to FEC connections every
> time are very good and the exchange of the conversation flows
> relatively smooth. When QSB hits and parts of words are missed, just
> like in CW you can fill in the blanks.
>
> I would like to test V4 with a rock solid RF connection. With all
> respect to Rick I'd bet it would be perfect.
>
> Ted, WB2LOU
>
>
>
> On Sun, Jul 31, 2011 at 6:27 PM, captcurt@...
> <mailto:captcurt@...> <captcurt@...
> <mailto:captcurt@...>> wrote:

>
>
>
> Hello to all:
>
> Several times now, during unsuccessful attempts, I will do a ARQ
> Call to a Callsign and get a CONNECTED TO message and the system
> starts to cycle the (I think) IDL . The ARQ State is cycling from
> IRSWaitLeader to TransmitACK (think that is right msg) which is
> orange.
>
> So I type in some text and hit CTRL CR and the text goes to the
> Session text box but the OB Que never changes from 0 to show the
> text was queued.
>
> Is this because the text wont go into the queue until I am ISS? I
> first thought it would queue up and wait for the ISS or does it
> just stay in the buffer?
>
> It seems when the system gets into this cycling loop it never
> exchanges from IRS to ISS and I never am receiving anything from
> the other station either. Constellation was score 58-60 S/N 0 or -1
>
> Does this just sound like a quality of signal /strength issue in
> the exchange of ACK etc?
>
> The basic decoding seems to be pretty good..even printing CQ
> Requests that are barely heard. But synching up and exchanging is
> much more sensitive.
>
> Is there some typical lower threshold of S/N or Constellation
> score that has been seen so far?
>
>
>
>
> --
> You cannot change history, but you can make history !
> Education is the only legal cure for Ignorance. The Stupidity of many
> is incurable.
>
>

1464. Re: Operation Questions/ Observations today.

Yahoo group: V4Protocol
Date: 2011-07-31 23:31:32 UTC
From: wb6yte
Topic: 1459 Message: 1464

This is consistent with what I observed this weekend also. I spent some time looking at today's log and it appears that the decoding of session control messages is failing even in good signal condx which prevents the IRS>ISS switching. Several sessions I attempted today ended with 'ARQ timeout'. I just sent an email to Rick with logs attached.

Ed

--- In V4Protocol@yahoogroups.com, "captcurt@..." <captcurt@...> wrote:
>
> Hello to all:
>
> Several times now, during unsuccessful attempts, I will do a ARQ Call to a Callsign and get a CONNECTED TO message and the system starts to cycle the (I think) IDL . The ARQ State is cycling from IRSWaitLeader to TransmitACK (think that is right msg) which is orange.
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>
> Does this just sound like a quality of signal /strength issue in the exchange of ACK etc?
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> The basic decoding seems to be pretty good..even printing CQ Requests that are barely heard. But synching up and exchanging is much more sensitive.
>
> Is there some typical lower threshold of S/N or Constellation score that has been seen so far?
>

1465. Re: [V4Protocol] Re: Operation Questions/ Observations today.

Yahoo group: V4Protocol
Date: 2011-08-01 00:09:10 UTC
From: Curt Nixon
Topic: 1459 Message: 1465

THe interesting thing...and I think I cannot differentiate a root cause without a better understanding of the log data...is that successful QSO'sm occur with less S/N while the ones that do as you mention and never switch IRS ISS, Any issues with the quality , latency, etc of either end of the link will dump it out regardless of signal strength. I'm sure Rick can tell tho.

A lot learned (at least by this op) this weekend.

Curt
KU8L

wb6yte wrote:
>
> This is consistent with what I observed this weekend also. I spent
> some time looking at today's log and it appears that the decoding of
> session control messages is failing even in good signal condx which
> prevents the IRS>ISS switching. Several sessions I attempted today
> ended with 'ARQ timeout'. I just sent an email to Rick with logs attached.
>
> Ed
>
> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>, "captcurt@..." <captcurt@...>
> wrote:
> >
> > Hello to all:
> >
> > Several times now, during unsuccessful attempts, I will do a ARQ
> Call to a Callsign and get a CONNECTED TO message and the system
> starts to cycle the (I think) IDL . The ARQ State is cycling from
> IRSWaitLeader to TransmitACK (think that is right msg) which is orange.
> >
> > So I type in some text and hit CTRL CR and the text goes to the
> Session text box but the OB Que never changes from 0 to show the text
> was queued.
> >
> > Is this because the text wont go into the queue until I am ISS? I
> first thought it would queue up and wait for the ISS or does it just
> stay in the buffer?
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> > It seems when the system gets into this cycling loop it never
> exchanges from IRS to ISS and I never am receiving anything from the
> other station either. Constellation was score 58-60 S/N 0 or -1
> >
> > Does this just sound like a quality of signal /strength issue in the

> exchange of ACK etc?
> >
> > The basic decoding seems to be pretty good..even printing CQ
> Requests that are barely heard. But synching up and exchanging is much
> more sensitive.
> >
> > Is there some typical lower threshold of S/N or Constellation score
> that has been seen so far?
> >
>
>

1466. Win7

Yahoo group: V4Protocol
Date: 2011-08-01 00:26:30 UTC
From: Jon
Topic: 1466 Message: 1466

I am having issues with the software crashing the system. Only while transmitting. Win7, USB ptt, both xp compatible mode and native mode. Any ideas?

1467. Re: [V4Protocol] Win7

Yahoo group: V4Protocol
Date: 2011-08-01 01:29:16 UTC
From: Rick Muething
Topic: 1466 Message: 1467

If you turn down the transmit power to near 0 does it still crash? If not you have RF feedback into the computer. I don't think there are any other problem like this reported and I am certain it has been run on Win 7 both 32 and 64 bit versions.

Rick KN6KB

From: Jon
Sent: Sunday, July 31, 2011 8:26 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Win7

I am having issues with the software crashing the system. Only while transmitting. Win7, USB ptt, both xp compatible mode and native mode. Any ideas?

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1390 / Virus Database: 1518/3800 - Release Date: 07/31/11

1468. VH CHAT

Yahoo group: V4Protocol
Date: 2011-08-01 05:19:22 UTC
From: MR WOODS.
Topic: 1468 Message: 1468

Hi anyone using V4 Chat with SignalBlaster Plus as an interface? We' trying, but no luck as yet. 73 Ed WD9DVA

1469. Re: [V4Protocol] Operation Questions/ Observations today.

Yahoo group: V4Protocol
Date: 2011-08-01 12:44:42 UTC
From: Owen Mitchell
Topic: 1459 Message: 1469

Ted, it would be nice to know what radio, you and others are running.

It seems all Flex SDR Radios , I know of, are never able to complete the task of receiving and transmitting the V4 system using ARQ. FEC seems to work fine.

Would like to hear from Flex users on their problems.

Owen KB5XE Flex 5000

--- On Sun, 7/31/11, Ted Trostle <ttrostle35@...> wrote:

From: Ted Trostle <ttrostle35@...m>
Subject: Re: [V4Protocol] Operation Questions/ Observations today.
To: V4Protocol@yahoogroups.com
Date: Sunday, July 31, 2011, 4:47 PM

I basically agree with your observations as my experience is similar. The frustrating part I have is that the connection seems to go idle and I never become an ISS and then it times out. I am beginning to believe that signal level, noise and QSB impact the timing sequence of the protocol steps and the expected transition and exchange is not compatible with the conditions. If I switch to FEC connections every time are very good and the exchange of the conversation flows relatively smooth. When QSB hits and parts of words are missed, just like in CW you can fill in the blanks.

I would like to test V4 with a rock solid RF connection. With all respect to Rick I'd bet it would be perfect.

Ted, WB2LOU

On Sun, Jul 31, 2011 at 6:27 PM, captcurt@... <captcurt@...> wrote:

Hello to all:

Several times now, during unsuccessful attempts, I will do a ARQ Call to a Callsign and get a CONNECTED TO message and the system starts to cycle the (I think) IDL . The ARQ State is cycling from IRSWaitLeader to TransmitACK (think that is right msg) which is orange.

So I type in some text and hit CTRL CR and the text goes to the Session text box but the OB Que never changes from 0 to show the text was queued.

Is this because the text wont go into the queue until I am ISS? I first thought it would queue up and wait for the ISS or does it just stay in the buffer?

It seems when the system gets into this cycling loop it never exchanges from IRS to ISS and I never am receiving anything from the other station either. Constellation was score 58-60 S/N 0 or -1

Does this just sound like a quality of signal /strength issue in the exchange of ACK etc?

The basic decoding seems to be pretty good..even printing CQ Requests that are barely heard. But synching up and exchanging is much more sensitive.

Is there some typical lower threshold of S/N or Constellation score that has been seen so far?

--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is incurable.

1470. 40 Mtr to VK ?

Yahoo group: V4Protocol
Date: 2011-08-01 13:00:25 UTC
From: Paul Whitaker
Topic: 1438 Message: 1470

Hi all,
I will be on 40 mtr at 13:30 Z - if anyone wants to try for a contact -
7036.5 USB.
I will be using V4Char Version 0.4.3.0 - although having a lot of trouble
with it.
I am also able to try Winmor ARQ keyboard mode if anyone is using it ?

73'
Paul
VK3DPW

1471. Re: [V4Protocol] Operation Questions/ Observations today.

Yahoo group: V4Protocol
Date: 2011-08-01 13:01:39 UTC
From: Curt Nixon
Topic: 1459 Message: 1471

Hi Owen:

I'm using a TR7 for all my digi modes and CW most of the time. My tested T>R latency runs about 90-110mS. Suspect others using much newer equip. I do have a Tony Parks SDR IF panadapter running on my r4 tho :)

Are the Flex rigs able to get below the 250mS T-R Latency threshold? That could be the root of the problem.

Curt
KU8L

Owen Mitchell wrote:
>
>
> Ted, it would be nice to know what radio, you and others are running.
> It seems all Flex SDR Radios , I know of, are never able to complete
> the task of receiving and transmitting the V4 system using ARQ. FEC
> seems to work fine.
>
> Would like to hear from Flex users on their problems.
>
> Owen KB5XE Flex 5000
>
> --- On *Sun, 7/31/11, Ted Trostle /<ttrostle35@...>/* wrote:
>
>
> From: Ted Trostle <ttrostle35@...>
> Subject: Re: [V4Protocol] Operation Questions/ Observations today.
> To: V4Protocol@yahoogroups.com
> Date: Sunday, July 31, 2011, 4:47 PM
>
>
> I basically agree with your observations as my experience is
> similar. The frustrating part I have is that the connection seems
> to go idle and I never become an ISS and then it times out. I am
> beginning to believe that signal level, noise and QSB impact the
> timing sequence of the protocol steps and the expected transition
> and exchange is not compatible with the conditions. If I switch
> to FEC connections every time are very good and the exchange of
> the conversation flows relatively smooth. When QSB hits and parts
> of words are missed, just like in CW you can fill in the blanks.
>
> I would like to test V4 with a rock solid RF connection. With all
> respect to Rick I'd bet it would be perfect.
>

> Ted, WB2LOU
>
>
>
> On Sun, Jul 31, 2011 at 6:27 PM, captcurt@...
> <http://us.mc558.mail.yahoo.com/mc/compose?to=captcurt@...>
> <captcurt@...
> <http://us.mc558.mail.yahoo.com/mc/compose?to=captcurt@...>>
> wrote:
>
>
> Hello to all:
>
> Several times now, during unsuccessful attempts, I will do a
> ARQ Call to a Callsign and get a CONNECTED TO message and the
> system starts to cycle the (I think) IDL . The ARQ State is
> cycling from IRSWaitLeader to TransmitACK (think that is right
> msg) which is orange.
>
> So I type in some text and hit CTRL CR and the text goes to
> the Session text box but the OB Que never changes from 0 to
> show the text was queued.
>
> Is this because the text wont go into the queue until I am
> ISS? I first thought it would queue up and wait for the ISS or
> does it just stay in the buffer?
>
> It seems when the system gets into this cycling loop it never
> exchanges from IRS to ISS and I never am receiving anything
> from the other station either. Constellation was score 58-60
> S/N 0 or -1
>
> Does this just sound like a quality of signal /strength issue
> in the exchange of ACK etc?
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> The basic decoding seems to be pretty good..even printing CQ
> Requests that are barely heard. But synching up and exchanging
> is much more sensitive.
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> Is there some typical lower threshold of S/N or Constellation
> score that has been seen so far?
>
>
>
>
>
> --
> You cannot change history, but you can make history !
> Education is the only legal cure for Ignorance. The Stupidity of
> many is incurable.
>

>

1472. Re: Operation Questions/ Observations today.

Yahoo group: V4Protocol
Date: 2011-08-01 15:44:48 UTC
From: turi8712
Topic: 1459 Message: 1472

Hi Owen
I have a Flex 5000 A, Win XP, PSDR 2.1.5, V4 Vers. 4.3.0
Average latency below 100, max. latency below 200
tried on 14073 ARQ mode but no success, Heard a station but no connect.
Not sure how to differenciate between ARQ and FEC. Does V4 automatically switch the mode depending on partner station? How can I find out which mode to use?
Is this a proplem? Waterfall starts blue, but after the first ARQ CQ-call changes to black and remains black. Gets blue again when I close and restart V4 until the first call is made. I think it changes to black when the CW-ID is sent. CW - ID works now correct with new version 4.3.0.

Arthur

--- In V4Protocol@yahoogroups.com, Owen Mitchell <kb5xe@...> wrote:
>
> Ted, it would be nice to know what radio, you and others are running.
>
> It seems all Flex SDR RadiosÂ ,Â I know of, are never able to complete the task of receiving and transmitting the V4 system using ARQ.Â FEC seems to work fine.
> Â
> Would like to hear from Flex users on their problems.
> Â
> OwenÂ KB5XEÂ Flex 5000
>
> --- On Sun, 7/31/11, Ted Trostle <ttrostle35@...> wrote:
>
>

1473. Nice web site to organise V4 testing

Yahoo group: V4Protocol
Date: 2011-08-01 16:04:46 UTC
From: Ron Werthman
Topic: 1473 Message: 1473

http://www.obriensweb.com/sked/index.php?board=digitalradio

1474. Re: [V4Protocol] Nice web site to organise V4 testing

Yahoo group: V4Protocol
Date: 2011-08-01 16:13:27 UTC
From: Curt Nixon
Topic: 1473 Message: 1474

Hi Ron:

I agree..this is the K3UK (Andy Obrien) sked page that I mentioned earlier. The only caveat I think, is that while it is great for seeing who is on, where, setting up tests, immediate test feedback, retries, and ops help, etc,..we need to remember not everyone is there and any critical feedback should be entered here.

JMHO

Curt
KU8L

Ron Werthman wrote:
> http://www.obriensweb.com/sked/index.php?board=digitalradio
>
>

1475. Re: [V4Protocol] Win7

Yahoo group: V4Protocol
Date: 2011-08-01 16:26:24 UTC
From: Jon Lambdin
Topic: 1466 Message: 1475

Thanks! I will give that a try tonight. I feel like I some issue I am missing. The Bluescreen is an irq issue, so it's more than likely my computer

Sent from my iPhone

On Jul 31, 2011, at 21:29, "Rick Muething" <rmuething@cfl.rr.com> wrote:

> If you turn down the transmit power to near 0 does it still crash? If not you have RF feedback into the computer. I don’t think there are any other problem like this reported and I am certain it has been run on Win 7 both 32 and 64 bit versions.
>
> Rick KN6KB
>
>
> From: Jon
> Sent: Sunday, July 31, 2011 8:26 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Win7
>
>
> I am having issues with the software crashing the system. Only while transmitting. Win7, USB ptt, both xp compatible mode and native mode. Any ideas?
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1390 / Virus Database: 1518/3800 - Release Date: 07/31/11
>
>

1476. Standing by on 7073 or your QRG

Yahoo group: V4Protocol
Date: 2011-08-02 01:14:18 UTC
From: captcurt@flash.net
Topic: 1476 Message: 1476

[Body unavailable in the source archive]

1477. V4 QSO's

Yahoo group: V4Protocol
Date: 2011-08-03 07:59:43 UTC
From: ei5ds
Topic: 1477 Message: 1477

A note to say I had my first local and then DX QSO on V4 last night.
First QSO was with local station and neighbour Gerry/EI9FV on 14073.
Using low power we figgered out how the system worked on both FEC and ARQ modes. Noted the data rate exchange slow compared to the Amtor/Pactor systems we have used over the years.
]
After the test copied David/K3RQ. A successful QSO established with David on ARQ and then pleasant chat over about 15 minutes.

The setup is a TS590 using it's built in USB sound interface. The CAT interface (also on USB) used for PTT. The antenna is a 3 ele TGM mini beam.

Do hope this will encourage more stations to try the mode.

73 de Ned/EI5DS

1478. Re: [V4Protocol] V4 QSO's

Yahoo group: V4Protocol
Date: 2011-08-03 09:51:23 UTC
From: Paul Whitaker
Topic: 1477 Message: 1478

Hi Ned,
Great to hear you had successful contacts - Very curious which version you
are running ?
I have 0.4.3.0, and not having a lot of luck getting solid long connects.

Cheers

Paul
VK3DPW

At 05:59 PM 03/08/2011, you wrote:
>
>
>A note to say I had my first local and then DX QSO on V4 last night.
>First QSO was with local station and neighbour Gerry/EI9FV on 14073.
>Using low power we figgered out how the system worked on both FEC and ARQ
>modes. Noted the data rate exchange slow compared to the Amtor/Pactor
>systems we have used over the years.
>]
>After the test copied David/K3RQ. A successful QSO established with David
>on ARQ and then pleasant chat over about 15 minutes.
>
>The setup is a TS590 using it's built in USB sound interface. The CAT
>interface (also on USB) used for PTT. The antenna is a 3 ele TGM mini beam.
>
>Do hope this will encourage more stations to try the mode.
>
>73 de Ned/EI5DS
>

1479. Re: [V4Protocol] V4 QSO's

Yahoo group: V4Protocol
Date: 2011-08-03 10:23:13 UTC
From: George Murphy
Topic: 1477 Message: 1479

Ned (EI5DS),

I certainly enjoyed "connecting" with you last night via "V4 CHAT." I was truly pleased with how well the "ARQ Mode" worked between our stations even though the signals were rather week at times. I look forward to further testing of the V4 CHAT app with other digital mode-based stations worldwide in the coming months.

Cheers for now and I look forward to connecting with you again via "V4 CHAT" in the near future.

73,
George Murphy, K3RQ
Milford, New Hampshire

-------Original Message-------

From: ei5ds
Date: 08/03/11 03:59:57
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 QSO's

A note to say I had my first local and then DX QSO on V4 last night.
First QSO was with local station and neighbour Gerry/EI9FV on 14073.
Using low power we figgered out how the system worked on both FEC and ARQ modes. Noted the data rate exchange slow compared to the Amtor/Pactor systems we have used over the years.
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Do hope this will encourage more stations to try the mode.

73 de Ned/EI5DS

1480. Re: V4 QSO's

Yahoo group: V4Protocol
Date: 2011-08-03 14:00:37 UTC
From: Bob Thornton
Topic: 1477 Message: 1480

George,
I think we connected twice last night on 14073, I believe you copied me OK but then we failed to change states instead timing out. The second connection eventualy did change state and I received about 2 frames from you before timeout occurred. I guess the signal conditions were not quite up to it. I later heard you working an EI station but I could not hear them. Wrong band for that distance. Now there are more Europeans around we ought to try 40 metres a bit more.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "George Murphy" <murphyga@...> wrote:
>
> Ned (EI5DS),
>
> I certainly enjoyed "connecting" with you last night via "V4 CHAT." I was
> truly pleased with how well the "ARQ Mode" worked between our stations even
> though the signals were rather week at times. I look forward to further
> testing of the V4 CHAT app with other digital mode-based stations worldwide
> in the coming months.
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> Cheers for now and I look forward to connecting with you again via "V4
> CHAT" in the near future.
>
> 73,
> George Murphy, K3RQ
> Milford, New Hampshire
>
>
> -------Original Message-------
>
> From: ei5ds
> Date: 08/03/11 03:59:57
> To: V4Protocol@...m
> Subject: [V4Protocol] V4 QSO's
>
>
> A note to say I had my first local and then DX QSO on V4 last night.
> First QSO was with local station and neighbour Gerry/EI9FV on 14073.
> Using low power we figgered out how the system worked on both FEC and ARQ
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> After the test copied David/K3RQ. A successful QSO established with David on
> ARQ and then pleasant chat over about 15 minutes.

>
> The setup is a TS590 using it's built in USB sound interface. The CAT
> interface (also on USB) used for PTT. The antenna is a 3 ele TGM mini beam.
>
> Do hope this will encourage more stations to try the mode.
>
> 73 de Ned/EI5DS
>

1481. Re: [V4Protocol] V4 QSO's

Yahoo group: V4Protocol
Date: 2011-08-03 15:48:38 UTC
From: Ed Woods WD9DVA
Topic: 1477 Message: 1481

Hi Ned, pleased tell me about your USB sound interface built into the computer. Any brand name, what is the computer brand? When you say USB sound interface that is the only unit tied to the computer?
FB Ned on getting ARQ to run. We got the FEC going but no dice on the ARQ. 73 Ed WD9DVA Greenwood, IN.
----- Original Message -----
From: ei5ds
To: V4Protocol@yahoogroups.com
Sent: Wednesday, August 03, 2011 07:59
Subject: [V4Protocol] V4 QSO's

A note to say I had my first local and then DX QSO on V4 last night.
First QSO was with local station and neighbour Gerry/EI9FV on 14073.
Using low power we figgered out how the system worked on both FEC and ARQ modes. Noted the data rate exchange slow compared to the Amtor/Pactor systems we have used over the years.]
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The setup is a TS590 using it's built in USB sound interface. The CAT interface (also on USB) used for PTT. The antenna is a 3 ele TGM mini beam.

Do hope this will encourage more stations to try the mode.

73 de Ned/EI5DS

1482. Re: [V4Protocol] Re: V4 QSO's

Yahoo group: V4Protocol
Date: 2011-08-03 16:38:24 UTC
From: George Murphy
Topic: 1477 Message: 1482

Bob (G3WKW):

Yes, we did briefly connect last night via V4 Chat's "ARQ Mode." I think the initial problems I was having switching to the "Information Sending Station (ISS)" state was due to a personal "cockpit error." I was not clear on how to switch from the "Information Receiving Station (ISS)" to IRS. The "Ctrl & Enter" command suggestion you sent was very helpful and allowed me to unload my "Send State Buffer." Unfortunately, it seemed as if we lost propagation between our stations just as I was learning to properly command the V4 Chat's ARQ Mode. I guess this was just another occurrence of our Family Law (.i.e., Murphy's Law)!" Hi.

Bob, it was nice to meet you last night. I am now heading to lunch but will return to the "shack" briefly @1700L this afternoon (8/3) for about 30 minutes. If you are around 14073 KHz and we have propagation and the frequency is not in use, look for my V4 Chat ARQ-based CQ. I'll be delighted to QSO with you again providing that the frequency is clear/not being used and the "prop-path" between our stations is good. Cheers for now and have a great day.

73,
George Murphy, K3RQ
Milford, New Hampshire

-------Original Message-------

From: Bob Thornton
Date: 8/3/2011 10:00:54 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: V4 QSO's

George,
I think we connected twice last night on 14073, I believe you copied me OK but then we failed to change states instead timing out. The second connection eventualy did change state and I received about 2 frames from you before timeout occurred. I guess the signal conditions were not quite up to it. I later heard you working an EI station but I could not hear them. Wrong band for that distance. Now there are more Europeans around we ought to try 40 metres a bit more.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "George Murphy" <murphyga@...> wrote:
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> Ned (EI5DS),

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> though the signals were rather week at times. I look forward to further
> testing of the V4 CHAT app with other digital mode-based stations
worldwide
> in the coming months.
>
> Cheers for now and I look forward to connecting with you again via "V4
> CHAT" in the near future.
>
> 73,
> George Murphy, K3RQ
> Milford, New Hampshire
>
>
> -------Original Message-------
>
> From: ei5ds
> Date: 08/03/11 03:59:57
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] V4 QSO's
>
>
> A note to say I had my first local and then DX QSO on V4 last night.
> First QSO was with local station and neighbour Gerry/EI9FV on 14073.
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> ARQ and then pleasant chat over about 15 minutes.
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> The setup is a TS590 using it's built in USB sound interface. The CAT
> interface (also on USB) used for PTT. The antenna is a 3 ele TGM mini beam

>
> Do hope this will encourage more stations to try the mode.
>
> 73 de Ned/EI5DS
>

1483. Re: [V4Protocol] Re: V4 QSO's

Yahoo group: V4Protocol
Date: 2011-08-03 17:03:35 UTC
From: George Murphy
Topic: 1477 Message: 1483

Bob (G3WKW),

In the attached memo, I meant to say ".....how to switch from the Information Receiving Station (IRS) to Information Sending Station (ISS) state/mode." The V4 Chat's "Help file" has been very useful in my attempt to better understand the internals and how to proper operate this new digital mode.

- George Murphy (K3RQ) sends...
#NNNN

-------Original Message-------

From: George Murphy
Date: 8/3/2011 12:39:42 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: V4 QSO's

Bob (G3WKW):

Yes, we did briefly connect last night via V4 Chat's "ARQ Mode." I think the initial problems I was having switching to the "Information Sending Station (ISS)" state was due to a personal "cockpit error." I was not clear on how to switch from the "Information Receiving Station (ISS)" to IRS. The "Ctrl & Enter" command suggestion you sent was very helpful and allowed me to unload my "Send State Buffer." Unfortunately, it seemed as if we lost propagation between our stations just as I was learning to properly command the V4 Chat's ARQ Mode. I guess this was just another occurrence of our Family Law (.i.e., Murphy's Law)!" Hi.

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73,
George Murphy, K3RQ
Milford, New Hampshire

-------Original Message-------

From: Bob Thornton
Date: 8/3/2011 10:00:54 AM
To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] Re: V4 QSO's

George,
I think we connected twice last night on 14073, I believe you copied me OK
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connection eventualy did change state and I received about 2 frames from you
before timeout occurred. I guess the signal conditions were not quite up to
it. I later heard you working an EI station but I could not hear them. Wrong
band for that distance. Now there are more Europeans around we ought to try
40 metres a bit more.

Bob

G3WKW

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> Ned (EI5DS),
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> Milford, New Hampshire
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>
> -------Original Message-------
>
> From: ei5ds
> Date: 08/03/11 03:59:57
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] V4 QSO's
>
>
> A note to say I had my first local and then DX QSO on V4 last night.
> First QSO was with local station and neighbour Gerry/EI9FV on 14073.
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> modes. Noted the data rate exchange slow compared to the Amtor/Pactor
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> ARQ and then pleasant chat over about 15 minutes.
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> The setup is a TS590 using it's built in USB sound interface. The CAT
> interface (also on USB) used for PTT. The antenna is a 3 ele TGM mini beam

>
> Do hope this will encourage more stations to try the mode.
>
> 73 de Ned/EI5DS
>

1484. Re: V4 QSO's

Yahoo group: V4Protocol
Date: 2011-08-03 17:04:30 UTC
From: Bob Thornton
Topic: 1477 Message: 1484

I did wonder if it was just finger trouble! The Control+Enter isn't intuitive, you just have to Read The Fine Manual. We all expect to be able to use it first and read the detail later. It was only 2 days ago that I found the "End" button for the first time. I had read the manual from cover to cover that day so new it existed but had never seen it (or had a QSO successful enough to need it) They usually ended themselves as ours did.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "George Murphy" <murphyga@...> wrote:
>
> Bob (G3WKW):
>
> Yes, we did briefly connect last night via V4 Chat's "ARQ Mode." I think
> the initial problems I was having switching to the "Information Sending
> Station (ISS)" state was due to a personal "cockpit error." I was not clear
> on how to switch from the "Information Receiving Station (ISS)" to IRS. The
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> delighted to QSO with you again providing that the frequency is clear/not
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> and have a great day.
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> 73,
> George Murphy, K3RQ
> Milford, New Hampshire
>
>
> -------Original Message-------
>
> From: Bob Thornton
> Date: 8/3/2011 10:00:54 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: V4 QSO's
>
>
> George,

> I think we connected twice last night on 14073, I believe you copied me OK
> but then we failed to change states instead timing out. The second
> connection eventualy did change state and I received about 2 frames from you
> before timeout occurred. I guess the signal conditions were not quite up to
> it. I later heard you working an EI station but I could not hear them. Wrong
> band for that distance. Now there are more Europeans around we ought to try
> 40 metres a bit more.
>
> Bob
>
> G3WKW
>
> --- In V4Protocol@yahoogroups.com, "George Murphy" <murphyga@> wrote:
> >
> > Ned (EI5DS),
> >
> > I certainly enjoyed "connecting" with you last night via "V4 CHAT." I was
> > truly pleased with how well the "ARQ Mode" worked between our stations
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> > though the signals were rather week at times. I look forward to further
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> > in the coming months.
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> > Cheers for now and I look forward to connecting with you again via "V4
> > CHAT" in the near future.
> >
> > 73,
> > George Murphy, K3RQ
> > Milford, New Hampshire
> >
> >
> > -------Original Message-------
> >
> > From: ei5ds
> > Date: 08/03/11 03:59:57
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] V4 QSO's
> >
> >
> > A note to say I had my first local and then DX QSO on V4 last night.
> > First QSO was with local station and neighbour Gerry/EI9FV on 14073.
> > Using low power we figgered out how the system worked on both FEC and ARQ
> > modes. Noted the data rate exchange slow compared to the Amtor/Pactor
> > systems we have used over the years.
> >]
> > After the test copied David/K3RQ. A successful QSO established with David
> on
> > ARQ and then pleasant chat over about 15 minutes.
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> > The setup is a TS590 using it's built in USB sound interface. The CAT
> > interface (also on USB) used for PTT. The antenna is a 3 ele TGM mini beam
>
> >
> > Do hope this will encourage more stations to try the mode.
> >
> > 73 de Ned/EI5DS
> >
>

1485. Re: [V4Protocol] Re: V4 QSO's

Yahoo group: V4Protocol
Date: 2011-08-03 17:29:42 UTC
From: Curt Nixon
Topic: 1477 Message: 1485

GM Sir:

As you have no doubt seen in the help files and the state diagrams, the operator cannot actually change the state from IRS to ISS. THe only thing you can do is to move the typed text from the input window to the rich-text action window by using CTRL +CR(ENTER). Once that is done, it is then up to the ISS station to complete sending its Queue and when that happens, your waiting QUEUE will signal the ISS for a transfer. Without solid ACK/NAK and Synch of frames, etc, the transfer will not take place. From what I have seen so far, it all works like a charm as long as the link quality is high enough.

While the documentation indicates that FEC mode is less robust than ARQ, it is referring, I think to the ability to transfer a file w/o errors. If you can copy FEC frames, the brain is great at filling in blanks.

In order for ARQ to work, the link must stay solid over a greater period of time to ensure the the transfer and ACK of all the frames in the Queue , transfers, etc before it times out. QSB, QRN, QRM, etc APPEAR to disrupt ARQ more than FEC but it is the same. Its just that ARQ is ALL PERFECT exchanges or nothing (TIMEOUT)

Cheers

Curt
KU8L

George Murphy wrote:
>
> Bob (G3WKW),
> In the attached memo, I meant to say ".....how to switch from the
> "Information Receiving Station (IRS) to Information Sending Station
> (ISS) state/mode." The V4 Chat's "Help file" has been very useful in
> my attempt to better understand the internals and how to proper
> operate this new digital mode.
> - George Murphy (K3RQ) sends...
> #NNNN
> /-------Original Message-------/
> /*From:*/ George Murphy <mailto:murphyga@...>
> /*Date:*/ 8/3/2011 12:39:42 PM
> /*To:*/ V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> /*Subject:*/ Re: [V4Protocol] Re: V4 QSO's
> Bob (G3WKW):
> Yes, we did briefly connect last night via V4 Chat's "ARQ Mode." I
> think the initial problems I was having switching to the "Information
> Sending Station (ISS)" state was due to a personal "cockpit error." I

> was not clear on how to switch from the "Information Receiving Station
> (ISS)" to IRS. The "Ctrl & Enter" command suggestion you sent was very
> helpful and allowed me to unload my "Send State Buffer."
> Unfortunately, it seemed as if we lost propagation between our
> stations just as I was learning to properly command the V4 Chat's ARQ
> Mode. I guess this was just another occurrence of our "Family Law
> (.i.e., Murphy's Law)!" Hi.
> Bob, it was nice to meet you last night. I am now heading to lunch but
> will return to the "shack" briefly @1700L this afternoon (8/3) for
> about 30 minutes. If you are around 14073 KHz and we have propagation
> and the frequency is not in use, look for my V4 Chat ARQ-based CQ.
> I'll be delighted to QSO with you again providing that the frequency
> is clear/not being used and the "prop-path" between our stations is
> good. Cheers for now and have a great day.
> 73,
> George Murphy, K3RQ
> Milford, New Hampshire
> /-------Original Message-------/
> /*From:*/ Bob Thornton <mailto:bob.thornton@...>
> /*Date:*/ 8/3/2011 10:00:54 AM
> /*To:*/ V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> /*Subject:*/ [V4Protocol] Re: V4 QSO's
>
> George,
> I think we connected twice last night on 14073, I believe you copied
> me OK but then we failed to change states instead timing out. The
> second connection eventualy did change state and I received about 2
> frames from you before timeout occurred. I guess the signal conditions
> were not quite up to it. I later heard you working an EI station but I
> could not hear them. Wrong band for that distance. Now there are more
> Europeans around we ought to try 40 metres a bit more.
>
> Bob
>
> G3WKW
>
> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>, "George Murphy" <murphyga@...>
> wrote:
> >
> > Ned (EI5DS),
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> > I certainly enjoyed "connecting" with you last night via "V4 CHAT."
> I was
> > truly pleased with how well the "ARQ Mode" worked between our
> stations even
> > though the signals were rather week at times. I look forward to further
> > testing of the V4 CHAT app with other digital mode-based stations
> worldwide
> > in the coming months.

> >
> > Cheers for now and I look forward to connecting with you again via "V4
> > CHAT" in the near future.
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> > 73,
> > George Murphy, K3RQ
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> > To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
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> mini beam.
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> > 73 de Ned/EI5DS
> >
>
>
>
>
>

1486. Re: V4 QSO's

Yahoo group: V4Protocol
Date: 2011-08-03 18:24:05 UTC
From: Bob Thornton
Topic: 1477 Message: 1486

Yes, you can't make it change IRS>ISS but you can certainly stop it by not having any data to send. Rick has said several times that it is called V4 Chat for a reason! You need to have something in the buffer ready for when the other guy runs out of things to say. No need to wait to become ISS before you start typing a response. I don't believe your outgoing buffer size is updated until you become the ISS. I guess that is because the buffer size is shown on the TNC panel and perhaps the text is held in the Chat program until you become ISS.

We had been connected for several minutes with a lot of IDLE being sent. I had sent an extra BTU and KK to keep the link from timing out then I sent "CTRL+ENTER" and George responded. But then I think propagation probably got the better of us. Now I know it was George's first ARQ QSO I feel better about the program's reliability.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, Curt Nixon <captcurt@...> wrote:
>
> GM Sir:
>
> As you have no doubt seen in the help files and the state diagrams, the
> operator cannot actually change the state from IRS to ISS. THe only
> thing you can do is to move the typed text from the input window to the
> rich-text action window by using CTRL +CR(ENTER). Once that is done, it
> is then up to the ISS station to complete sending its Queue and when
> that happens, your waiting QUEUE will signal the ISS for a transfer.
> Without solid ACK/NAK and Synch of frames, etc, the transfer will not
> take place. From what I have seen so far, it all works like a charm as
> long as the link quality is high enough.
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> While the documentation indicates that FEC mode is less robust than ARQ,
> it is referring, I think to the ability to transfer a file w/o errors.
> If you can copy FEC frames, the brain is great at filling in blanks.
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> In order for ARQ to work, the link must stay solid over a greater period
> of time to ensure the the transfer and ACK of all the frames in the
> Queue , transfers, etc before it times out. QSB, QRN, QRM, etc APPEAR to
> disrupt ARQ more than FEC but it is the same. Its just that ARQ is ALL
> PERFECT exchanges or nothing (TIMEOUT)
>
> Cheers
>
> Curt
> KU8L
>

> George Murphy wrote:
> >
> > Bob (G3WKW),
> > In the attached memo, I meant to say ".....how to switch from the
> > "Information Receiving Station (IRS) to Information Sending Station
> > (ISS) state/mode." The V4 Chat's "Help file" has been very useful in
> > my attempt to better understand the internals and how to proper
> > operate this new digital mode.
> > - George Murphy (K3RQ) sends...
> > #NNNN
> > /-------Original Message-------/
> > /*From:*/ George Murphy <mailto:murphyga@...>
> > /*Date:*/ 8/3/2011 12:39:42 PM
> > /*To:*/ V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> > /*Subject:*/ Re: [V4Protocol] Re: V4 QSO's
> > Bob (G3WKW):
> > Yes, we did briefly connect last night via V4 Chat's "ARQ Mode." I
> > think the initial problems I was having switching to the "Information
> > Sending Station (ISS)" state was due to a personal "cockpit error." I
> > was not clear on how to switch from the "Information Receiving Station
> > (ISS)" to IRS. The "Ctrl & Enter" command suggestion you sent was very
> > helpful and allowed me to unload my "Send State Buffer."
> > Unfortunately, it seemed as if we lost propagation between our
> > stations just as I was learning to properly command the V4 Chat's ARQ
> > Mode. I guess this was just another occurrence of our "Family Law
> > (.i.e., Murphy's Law)!" Hi.
> > Bob, it was nice to meet you last night. I am now heading to lunch but
> > will return to the "shack" briefly @1700L this afternoon (8/3) for
> > about 30 minutes. If you are around 14073 KHz and we have propagation
> > and the frequency is not in use, look for my V4 Chat ARQ-based CQ.
> > I'll be delighted to QSO with you again providing that the frequency
> > is clear/not being used and the "prop-path" between our stations is
> > good. Cheers for now and have a great day.
> > 73,
> > George Murphy, K3RQ
> > Milford, New Hampshire
> > /-------Original Message-------/
> > /*From:*/ Bob Thornton <mailto:bob.thornton@...>
> > /*Date:*/ 8/3/2011 10:00:54 AM
> > /*To:*/ V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> > /*Subject:*/ [V4Protocol] Re: V4 QSO's
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> > George,
> > I think we connected twice last night on 14073, I believe you copied
> > me OK but then we failed to change states instead timing out. The
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> > Europeans around we ought to try 40 metres a bit more.

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> > --- In V4Protocol@yahoogroups.com
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> > > Ned (EI5DS),
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> > > I certainly enjoyed "connecting" with you last night via "V4 CHAT."
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> > > in the coming months.
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> > > Cheers for now and I look forward to connecting with you again via "V4
> > > CHAT" in the near future.
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> > > 73,
> > > George Murphy, K3RQ
> > > Milford, New Hampshire
> > >
> > >
> > > -------Original Message-------
> > >
> > > From: ei5ds
> > > Date: 08/03/11 03:59:57
> > > To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > > Subject: [V4Protocol] V4 QSO's
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> > >
> > > A note to say I had my first local and then DX QSO on V4 last night.
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>

1487. Re: [V4Protocol] Re: V4 QSO's

Yahoo group: V4Protocol
Date: 2011-08-03 19:06:28 UTC
From: Curt Nixon
Topic: 1477 Message: 1487

Hi Bob:

Yes..that is what I observed regarding the OB Queue..it seems it doesn't update the OB Queue until you become the ISS even though there may be test there in Chat waiting to go.

I also had the CTRL +CR problem for a while when I started..its right there in the doc's but it isn't intuitive for a old fart like me!

Cheers and keep having fun. Perhaps condx will improve soon and we can do some transatlantic chat.

CUL

73

Curt
KU8L

Bob Thornton wrote:
>
> Yes, you can't make it change IRS>ISS but you can certainly stop it by
> not having any data to send. Rick has said several times that it is
> called V4 Chat for a reason! You need to have something in the buffer
> ready for when the other guy runs out of things to say. No need to
> wait to become ISS before you start typing a response. I don't believe
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> then I sent "CTRL+ENTER" and George responded. But then I think
> propagation probably got the better of us. Now I know it was George's
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> Bob
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> --- In V4Protocol@yahoogroups.com
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> > George Murphy wrote:
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> > > - George Murphy (K3RQ) sends...
> > > #NNNN
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> > > /*From:*/ George Murphy <mailto:murphyga@...>
> > > /*Date:*/ 8/3/2011 12:39:42 PM
> > > /*To:*/ V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> <mailto:V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>>
> > > /*Subject:*/ Re: [V4Protocol] Re: V4 QSO's
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> > > /*Date:*/ 8/3/2011 10:00:54 AM
> > > /*To:*/ V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
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> > > --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> > > <mailto:V4Protocol%40yahoogroups.com>, "George Murphy" <murphyga@>
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> > > > Ned (EI5DS),
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> > > > I certainly enjoyed "connecting" with you last night via "V4 CHAT."
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> > > > From: ei5ds
> > > > Date: 08/03/11 03:59:57
> > > > To: V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
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>
>

1488. Re: [V4Protocol] Re: V4 QSO's

Yahoo group: V4Protocol
Date: 2011-08-03 21:36:07 UTC
From: George Murphy
Topic: 1477 Message: 1488

Curt (KU8L):

Thanks for your attached feedback explaining how the ISS and ISR switch-over/handshaking" function is executed in the V4 Chat ARQ Mode. I am hoping to make a few additional contacts this evening using V4 Chat's ARQ Mode to ensure that I've properly learned how to use both the V4 Chat FEC and ARQ Modes. Look for me on 14073 KHz around 2230z later this evening (8/3).

Cheers for now and thanks for the feedback. I'm sure your corrective technical V4 Chat User-based comments are appreciated by the entire worldwide community of Hams interested in learning more about the present and emerging digital communication modes.

73,
George Murphy, K3RQ

-------Original Message-------

From: Curt Nixon
Date: 8/3/2011 1:29:42 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: V4 QSO's

GM Sir:

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Cheers

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> /*From:*/ Bob Thornton <mailto:bob.thornton@...>
> /*Date:*/ 8/3/2011 10:00:54 AM
> /*To:*/ V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> /*Subject:*/ [V4Protocol] Re: V4 QSO's
>
> George,
> I think we connected twice last night on 14073, I believe you copied
> me OK but then we failed to change states instead timing out. The
> second connection eventualy did change state and I received about 2
> frames from you before timeout occurred. I guess the signal conditions
> were not quite up to it. I later heard you working an EI station but I

> could not hear them. Wrong band for that distance. Now there are more
> Europeans around we ought to try 40 metres a bit more.
>
> Bob
>
> G3WKW
>
> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>, "George Murphy" <murphyga@...>
> wrote:
> >
> > Ned (EI5DS),
> >
> > I certainly enjoyed "connecting" with you last night via "V4 CHAT."
> I was
> > truly pleased with how well the "ARQ Mode" worked between our
> stations even
> > though the signals were rather week at times. I look forward to further
> > testing of the V4 CHAT app with other digital mode-based stations
> worldwide
> > in the coming months.
> >
> > Cheers for now and I look forward to connecting with you again via "V4
> > CHAT" in the near future.
> >
> > 73,
> > George Murphy, K3RQ
> > Milford, New Hampshire
> >
> >
> > -------Original Message-------
> >
> > From: ei5ds
> > Date: 08/03/11 03:59:57
> > To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > Subject: [V4Protocol] V4 QSO's
> >
> >
> > A note to say I had my first local and then DX QSO on V4 last night.
> > First QSO was with local station and neighbour Gerry/EI9FV on 14073.
> > Using low power we figgered out how the system worked on both FEC
> and ARQ
> > modes. Noted the data rate exchange slow compared to the Amtor/Pactor
> > systems we have used over the years.
> >]
> > After the test copied David/K3RQ. A successful QSO established with
> David on
> > ARQ and then pleasant chat over about 15 minutes.
> >
> > T! he setup is a TS590 using it's built in USB sound interface. The CAT

> > interface (also on USB) used for PTT. The antenna is a 3 ele TGM
> mini beam.
> >
> > Do hope this will encourage more stations to try the mode.
> >
> > 73 de Ned/EI5DS
> >
>
>
>
>
>

Yahoo! Groups Links

1489. Monitoring

Yahoo group: V4Protocol
Date: 2011-08-03 22:57:56 UTC
From: Patrick WA3QHJ
Topic: 1489 Message: 1489

I'm monitoring in Delaware and am currently copying W9IB and EI5DS using V4 on 14.073. I'm not yet able to reply, but am glad I'm finally copying ok.

Pat WA3QHJ

1490. Re: [V4Protocol] Monitoring

Yahoo group: V4Protocol
Date: 2011-08-04 00:19:11 UTC
From: Ron Wenig
Topic: 1489 Message: 1490

Hi Pat, I also copied EI5DS but was not able to connect. I did switch to FEC mode and he was able to copy my transmission, he sent me an email confirming this. So may I suggest if conditions don't warrant an ARQ connect switch to FEC and try to send some text to the other station.

73, Ron ny3j

On 8/3/2011 6:57 PM, Patrick WA3QHJ wrote:
> I'm monitoring in Delaware and am currently copying W9IB and
> EI5DS using V4 on 14.073. I'm not yet able to reply, but am glad I'm
> finally copying ok.
> Pat WA3QHJ
>

1491. red line

Yahoo group: V4Protocol
Date: 2011-08-04 00:56:20 UTC
From: ron_werthman@yahoo.ca
Topic: 1491 Message: 1491

I recieve junk with a red line through it while idle in ARC mode. I thought the red line was for FEC mode. Just curious

VA3ACZ

1492. First Successful V4Chat qso with Ron KK7Z in Gurnee Illinois.

Yahoo group: V4Protocol
Date: 2011-08-04 04:18:19 UTC
From: Demetrius Panaioti
Topic: 1492 Message: 1492

Frequency 14.073 MHz.
My station: Kenwood TS2000 running abt 50 watts to 135 foot long OCF dipole oriented in the North-South direction. Computer Toshiba laptop with 4 GB memory and duo processor. O/S Vista 64 bit. Interface SignaLink USB outboard soundcard. Lots of split-core ferrites on all leads (the only place there is no ferrite is in my nose hi hi)

Too many things happening at the same time so I used "canned" messages a lot and may have inserted text before Ron ended his transmissions.

Connected to KK7Z at 03:24:14Z and disconnected at approx 03:46Z.

Ron's typing was clear without any brown crossed out garbage until the end of contact.

Sent a couple of logs to Rick.

Good show Rick & Co.

73, Deme, VE7CRT.

1493. Re: First Successful V4Chat qso with Ron KK7Z in Gurnee Illinois.

Yahoo group: V4Protocol
Date: 2011-08-04 04:24:26 UTC
From: Demetrius Panaioti
Topic: 1492 Message: 1493

Forgot to mention: the qso was in ARQ mode.
--- In V4Protocol@yahoogroups.com, "Demetrius Panaioti" <deme@...> wrote:
>
> Frequency 14.073 MHz.
> My station: Kenwood TS2000 running abt 50 watts to 135 foot long OCF dipole oriented in the North-South direction. Computer Toshiba laptop with 4 GB memory and duo processor. O/S Vista 64 bit. Interface SignaLink USB outboard soundcard. Lots of split-core ferrites on all leads (the only place there is no ferrite is in my nose hi hi)
>
> Too many things happening at the same time so I used "canned" messages a lot and may have inserted text before Ron ended his transmissions.
>
> Connected to KK7Z at 03:24:14Z and disconnected at approx 03:46Z.
>
> Ron's typing was clear without any brown crossed out garbage until the end of contact.
>
> Sent a couple of logs to Rick.
>
> Good show Rick & Co.
>
> 73, Deme, VE7CRT.
>

1494. Re: [V4Protocol] red line

Yahoo group: V4Protocol
Date: 2011-08-04 09:34:12 UTC
From: Rick Muething
Topic: 1491 Message: 1494

As described in the help.... The ARQ mode will display data the same as FEC (green for corrected text red strike through for uncorrected text) When you are disconnected. When you are connected to another station it will only show BOLD black text which is always correct.

Rick KN6KB

From: ron_werthman@...
Sent: Wednesday, August 03, 2011 8:56 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] red line

I recieve junk with a red line through it while idle in ARC mode. I thought the red line was for FEC mode. Just curious

VA3ACZ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1390 / Virus Database: 1518/3807 - Release Date: 08/03/11

1495. Re: [V4Protocol] red line

Yahoo group: V4Protocol
Date: 2011-08-04 11:46:43 UTC
From: Ron Werthman
Topic: 1491 Message: 1495

Sorry, should have read the help again, my problem is I forget it about 5 min later! That is excellent design not having to switch out of ARC to see FEC data. Thanks for all your hard work by the way !

From: Rick Muething <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Thursday, August 4, 2011 5:34:12 AM
Subject: Re: [V4Protocol] red line

As described in the help.... The ARQ mode will display data the same as FEC (green for corrected text red strike through for uncorrected text) When you are disconnected. When you are connected to another station it will only show BOLD black text which is always correct.

Rick KN6KB

From: ron_werthman@...
Sent: Wednesday, August 03, 2011 8:56 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] red line

I recieve junk with a red line through it while idle in ARC mode. I thought the red line was for FEC mode. Just curious

VA3ACZ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1390 / Virus Database: 1518/3807 - Release Date: 08/03/11

1496. RE: [V4Protocol] Re: First Successful V4Chat qso with Ron KK7Z in Gurnee Illinois.

Yahoo group: V4Protocol
Date: 2011-08-04 17:59:34 UTC
From: Ron Settle
Topic: 1492 Message: 1496

Deme and I had a great time last night chatting it up on V4. It was 2 newbs just pounding away on the keyboard! ;-) The software worked great. Deme printed without error on my end and from the sounds of things, the only errors in my print were the ones I fat fingered in!!! ;-) This was also my very first attempt at V4.

I was running 50Watts into a Cushcraft A3 at 40 feet pointed approximately in his direction.

Thanks

73

Ron

KK7Z

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Demetrius Panaioti
Sent: Wednesday, August 03, 2011 11:24 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: First Successful V4Chat qso with Ron KK7Z in Gurnee Illinois.

Forgot to mention: the qso was in ARQ mode.
--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> , "Demetrius Panaioti" <deme@...> wrote:
>
> Frequency 14.073 MHz.
> My station: Kenwood TS2000 running abt 50 watts to 135 foot long OCF dipole oriented in the North-South direction. Computer Toshiba laptop with 4 GB memory and duo processor. O/S Vista 64 bit. Interface SignaLink USB outboard soundcard. Lots of split-core ferrites on all leads (the only place there is no ferrite is in my nose hi hi)
>
> Too many things happening at the same time so I used "canned" messages a lot and may have inserted text before Ron ended his transmissions.
>
> Connected to KK7Z at 03:24:14Z and disconnected at approx 03:46Z.
>
> Ron's typing was clear without any brown crossed out garbage until the end of contact.
>
> Sent a couple of logs to Rick.
>

> Good show Rick & Co.
>
> 73, Deme, VE7CRT.
>

1497. Re: [V4Protocol] Re: First Successful V4Chat qso with Ron KK7Z in Gurnee Illinois.

Yahoo group: V4Protocol
Date: 2011-08-04 18:20:11 UTC
From: Fred G -w1wyc
Topic: 1492 Message: 1497

Ron,

Was that ARQ or FEC ???

Fred, W1WYC, FN42jm

----- Original Message -----
From: Ron Settle
To: V4Protocol@yahoogroups.com
Sent: Thursday, August 04, 2011 1:59 PM
Subject: RE: [V4Protocol] Re: First Successful V4Chat qso with Ron KK7Z in Gurnee Illinois.

Deme and I had a great time last night chatting it up on V4. It was 2 newbs just pounding away on the keyboard! ;-) The software worked great. Deme printed without error on my end and from the sounds of things, the only errors in my print were the ones I fat fingered in!!! ;-) This was also my very first attempt at V4.

I was running 50Watts into a Cushcraft A3 at 40 feet pointed approximately in his direction.

Thanks

73

Ron

KK7Z

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Demetrius Panaioti
Sent: Wednesday, August 03, 2011 11:24 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: First Successful V4Chat qso with Ron KK7Z in Gurnee Illinois.

Forgot to mention: the qso was in ARQ mode.
--- In V4Protocol@yahoogroups.com, "Demetrius Panaioti" <deme@...> wrote:
>
> Frequency 14.073 MHz.
> My station: Kenwood TS2000 running abt 50 watts to 135 foot long OCF dipole oriented in the North-South direction. Computer Toshiba laptop with 4 GB memory and duo processor. O/S Vista 64 bit. Interface SignaLink USB outboard soundcard. Lots of split-core ferrites on all leads (the only place there is no ferrite is in my nose hi hi)
>
> Too many things happening at the same time so I used "canned" messages a lot and may have inserted text before Ron ended his transmissions.
>

> Connected to KK7Z at 03:24:14Z and disconnected at approx 03:46Z.
>
> Ron's typing was clear without any brown crossed out garbage until the end of contact.
>
> Sent a couple of logs to Rick.
>
> Good show Rick & Co.
>
> 73, Deme, VE7CRT.
>

1498. 2 WAY FIRST

Yahoo group: V4Protocol
Date: 2011-08-04 21:03:34 UTC
From: MR WOODS.
Topic: 1498 Message: 1498

Rick 1st of all your note this morning about lowering the rig vox, that idea really works. About 042035Z we went to 14073 usb, started cqing. At 042040z here comes WB6JFH DEER PARK WA. We started with scores in lo 80's, by conclusion got into the 90's. Dave hit a 97. Many thanks for all the help. Patience does pay off. Both newbys, hw abt that. 73 Ed WD9DVA

1499. ARQ QUESTION

Yahoo group: V4Protocol
Date: 2011-08-04 21:33:30 UTC
From: MR WOODS.
Topic: 1499 Message: 1499

You knew I'd have one or two.
When got into the qso (ARQ), we paid attention to the Q box and score than anything else. When I was calling CQ I know I had a TR window and it was working. During the QSO I noticed it was gone (nothing). Did I screw up or is that the way it goes? 73 Ed WD9DVA

1500. Re: [V4Protocol] ARQ QUESTION

Yahoo group: V4Protocol
Date: 2011-08-04 22:30:45 UTC
From: Rick Muething
Topic: 1499 Message: 1500

As described in the help ....the T>R latency measurement is ONLY done on a call to another station or a CQ. The number basically doesn’t change unless you change some part of your setup, DLY on the SignaLink etc.

Rick kN6KB

From: MR WOODS.
Sent: Thursday, August 04, 2011 5:33 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] ARQ QUESTION

You knew I'd have one or two.
When got into the qso (ARQ), we paid attention to the Q box and score than anything else. When I was calling CQ I know I had a TR window and it was working. During the QSO I noticed it was gone (nothing). Did I screw up or is that the way it goes? 73 Ed WD9DVA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1391 / Virus Database: 1518/3810 - Release Date: 08/04/11

1502. RE: [V4Protocol] Re: First Successful V4Chat qso with Ron KK7Z in Gurnee Illinois.

Yahoo group: V4Protocol
Date: 2011-08-05 01:27:36 UTC
From: Ron Settle
Topic: 1492 Message: 1502

It was ARQ

Ron

KK7Z

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Fred G -w1wyc
Sent: Thursday, August 04, 2011 1:20 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: First Successful V4Chat qso with Ron KK7Z in Gurnee Illinois.

Ron,

Was that ARQ or FEC ???

Fred, W1WYC, FN42jm

----- Original Message -----

From: Ron Settle <mailto:settleron@...>

To: V4Protocol@yahoogroups.com

Sent: Thursday, August 04, 2011 1:59 PM

Subject: RE: [V4Protocol] Re: First Successful V4Chat qso with Ron KK7Z in Gurnee Illinois.

Deme and I had a great time last night chatting it up on V4. It was 2 newbs just pounding away on the keyboard! ;-) The software worked great. Deme printed without error on my end and from the sounds of things, the only errors in my print were the ones I fat fingered in!!! ;-) This was also my very first attempt at V4.

I was running 50Watts into a Cushcraft A3 at 40 feet pointed approximately in his direction.

Thanks

73

Ron

KK7Z

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Demetrius Panaioti
Sent: Wednesday, August 03, 2011 11:24 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: First Successful V4Chat qso with Ron KK7Z in Gurnee Illinois.

Forgot to mention: the qso was in ARQ mode.
--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> , "Demetrius Panaioti" <deme@...> wrote:
>
> Frequency 14.073 MHz.
> My station: Kenwood TS2000 running abt 50 watts to 135 foot long OCF dipole oriented in the North-South direction. Computer Toshiba laptop with 4 GB memory and duo processor. O/S Vista 64 bit. Interface SignaLink USB outboard soundcard. Lots of split-core ferrites on all leads (the only place there is no ferrite is in my nose hi hi)
>
> Too many things happening at the same time so I used "canned" messages a lot and may have inserted text before Ron ended his transmissions.
>
> Connected to KK7Z at 03:24:14Z and disconnected at approx 03:46Z.
>
> Ron's typing was clear without any brown crossed out garbage until the end of contact.
>
> Sent a couple of logs to Rick.
>
> Good show Rick & Co.
>
> 73, Deme, VE7CRT.
>

1503. Hi to all ARQ fans

Yahoo group: V4Protocol
Date: 2011-08-05 02:23:44 UTC
From: Chris
Topic: 1503 Message: 1503

I just heard about V4 yeterday and today I have it up and running.

I left the shack for some lunch and found I had missed a CQ call from WB2QLL around 0130Z! 14073 USB dial freq.

This really exciting; I was a keen Amtor fan in the 90's am sure I will be a keen V4 fan from now on.

73,

Chris ZL1BOE

1504. Successful ARQ qso with Pete WB2QLL on August 4, 2011 local time.

Yahoo group: V4Protocol
Date: 2011-08-05 03:04:02 UTC
From: Demetrius Panaioti
Topic: 1504 Message: 1504

WB2QLL connected at 02:22:48 Z August 5, 2011.
Several good exchanges between stations. Some qsb but no problems in data transfers.
QSO ended when I pressed the END button at 02:38:35.

Problem: My CWID VE7CRT repeated itself continuously until I exited the program some 10 to 15 seconds after I pressed the END button.

I have sent debug log to Rick.

73, Deme, VE7CRT.

1505. Re: [V4Protocol] Hi to all ARQ fans

Yahoo group: V4Protocol
Date: 2011-08-05 03:08:07 UTC
From: Chuck
Topic: 1503 Message: 1505

Chris; I have my beam pointed your way and sitting on 14.073. Will give it a try at 0400 UTC and 0500 UTC tonight. I just tried.. There is no propo from Washington State to ZL1 for me yet. Time 0306 UTC.
73;
Chuck, WA7BRL

----- Original Message -----
From: "Chris" <cbmuir@...>
To: V4Protocol@yahoogroups.com
Sent: Thursday, August 4, 2011 7:23:44 PM
Subject: [V4Protocol] Hi to all ARQ fans

I just heard about V4 yeterday and today I have it up and running.

I left the shack for some lunch and found I had missed a CQ call from WB2QLL around 0130Z! 14073 USB dial freq.

This really exciting; I was a keen Amtor fan in the 90's am sure I will be a keen V4 fan from now on.

73,

Chris ZL1BOE

1506. Observation

Yahoo group: V4Protocol
Date: 2011-08-05 03:12:42 UTC
From: Lee Swanson
Topic: 1504 Message: 1506

VE7CRT reported that his station went into continuous CWID shortly after ending a V4 qso. Last night I heard the station of K1CT out in San Diego doing the same thing but unfortunate for him, he was away from the shack and it went on for 5 to 10 minutes. I looked up his phone number in the white pages and left him a message. He was quick to respond to the issue. So that makes two stations having the CWID issue. I'm sure that bug will be squashed in short order..

To: V4Protocol@yahoogroups.com
From: deme@...
Date: Fri, 5 Aug 2011 03:04:02 +0000
Subject: [V4Protocol] Successful ARQ qso with Pete WB2QLL on August 4, 2011 local time.

WB2QLL connected at 02:22:48 Z August 5, 2011.

Several good exchanges between stations. Some qsb but no problems in data transfers.

QSO ended when I pressed the END button at 02:38:35.

Problem: My CWID VE7CRT repeated itself continuously until I exited the program some 10 to 15 seconds after I pressed the END button.

I have sent debug log to Rick.

73, Deme, VE7CRT.

1507. Re: [V4Protocol] Observation

Yahoo group: V4Protocol
Date: 2011-08-05 10:18:27 UTC
From: Rick Muething
Topic: 1504 Message: 1507

I really need to see the V4 TNC debug log file from one of those stations experiencing a continuous CW ID. There is no way I can track down that type of error without that log.

I have been working on a WINMOR TNC update the past several days so I haven't been doing much on the V4 but I should have another update in a few days.

Rick KN6KB

From: Lee Swanson
Sent: Thursday, August 04, 2011 11:12 PM
To: v4protocol@yahoogroups.com
Subject: [V4Protocol] Observation

VE7CRT reported that his station went into continuous CWID shortly after ending a V4 qso.

Last night I heard the station of K1CT out in San Diego doing the same thing but unfortunate for him, he was away from the shack and it went on for 5 to 10 minutes. I looked up his phone number in the white pages and left him a message. He was quick to respond to the issue. So that makes two stations having the CWID issue. I'm sure that bug will be squashed in short order..

To: V4Protocol@yahoogroups.com
From: deme@...
Date: Fri, 5 Aug 2011 03:04:02 +0000
Subject: [V4Protocol] Successful ARQ qso with Pete WB2QLL on August 4, 2011 local time.

WB2QLL connected at 02:22:48 Z August 5, 2011.
Several good exchanges between stations. Some qsb but no problems in data transfers.
QSO ended when I pressed the END button at 02:38:35.

Problem: My CWID VE7CRT repeated itself continuously until I exited the program some 10 to 15 seconds after I pressed the END button.

I have sent debug log to Rick.

73, Deme, VE7CRT.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1391 / Virus Database: 1518/3810 - Release Date: 08/04/11

1508. Re: [V4Protocol] V4 QSO's

Yahoo group: V4Protocol
Date: 2011-08-05 14:48:13 UTC
From: Paul Whitaker
Topic: 1477 Message: 1508

Hi all,
I am looking for some contacts on 40 mtr.
Like 20 mtr has 14073, is there a frequency to sit on for contacts on 40,
and 80 for that matter ?
Getting some very good openings on 40 early in the morning Melbourne time -
so good chance Ill hear someone.

Thanks

Paul Whitaker.
VK3DPW

1509. Re: [V4Protocol] V4 QSO's

Yahoo group: V4Protocol
Date: 2011-08-05 15:24:58 UTC
From: Ed Woods WD9DVA
Topic: 1477 Message: 1509

7073 is very good late afternoon into early evening. 73 Ed WD9DVA
----- Original Message -----
From: Paul Whitaker
To: V4Protocol@yahoogroups.com
Sent: Friday, August 05, 2011 14:48
Subject: Re: [V4Protocol] V4 QSO's

Hi all,
I am looking for some contacts on 40 mtr.
Like 20 mtr has 14073, is there a frequency to sit on for contacts on 40,
and 80 for that matter ?
Getting some very good openings on 40 early in the morning Melbourne time -
so good chance Ill hear someone.

Thanks

Paul Whitaker.
VK3DPW

1510. Re: [V4Protocol] V4 QSO's

Yahoo group: V4Protocol
Date: 2011-08-05 15:27:12 UTC
From: Curt Nixon
Topic: 1477 Message: 1510

Hi Paul:

I usually monitor 7073. It sometimes get QRMafter 0000Z with SSB but can
also QSY just above the JT65 Guys at 7076

Seems I have seen 3573 mentioned also but not sure on that one.

Give me a Zulu time frame and I can listen for you.

I also use the K3UK digital sked page mentioned earlier here to
establish QSY etc.

Cheers

Curt
KU8L

Paul Whitaker wrote:
>
> Hi all,
> I am looking for some contacts on 40 mtr.
> Like 20 mtr has 14073, is there a frequency to sit on for contacts on 40,
> and 80 for that matter ?
> Getting some very good openings on 40 early in the morning Melbourne
> time -
> so good chance Ill hear someone.
>
> Thanks
>
> Paul Whitaker.
> VK3DPW
>
>

1511. High T>R Latency in V4Chat ARQ mode

Yahoo group: V4Protocol
Date: 2011-08-05 15:56:01 UTC
From: Demetrius Panaioti
Topic: 1511 Message: 1511

Although I've had several successful ARQ mode qso's, I've been getting High T>R latency indications. On the TNC window the latency is over 200ms most of the time and exceeds 250ms occasionally. In one of the debug logs, I observed a T>R latency of 284ms.
Will read the 'Troubleshooting' section in the virtual TNC section of help files to see what I can do to lower latency.

To date, the high latency hasn't caused with data transfer (I think)!

73, Deme, VE7CRT.

1512. Re: High T>R Latency in V4Chat ARQ mode

Yahoo group: V4Protocol
Date: 2011-08-05 15:58:28 UTC
From: Demetrius Panaioti
Topic: 1511 Message: 1512

Last line of previous E-mail should read:
To date, the high latency hasn't caused problems with data transfer (I think).
Deme, VE7CRT.

--- In V4Protocol@yahoogroups.com, "Demetrius Panaioti" <deme@...> wrote:
>
> Although I've had several successful ARQ mode qso's, I've been getting High T>R latency indications. On the TNC window the latency is over 200ms most of the time and exceeds 250ms occasionally. In one of the debug logs, I observed a T>R latency of 284ms.
> Will read the 'Troubleshooting' section in the virtual TNC section of help files to see what I can do to lower latency.
>
> To date, the high latency hasn't caused with data transfer (I think)!
>
> 73, Deme, VE7CRT.
>

1513. Re: [V4Protocol] Re: High T>R Latency in V4Chat ARQ mode

Yahoo group: V4Protocol
Date: 2011-08-05 17:02:21 UTC
From: Rick Muething
Topic: 1511 Message: 1513

Deme,
The program is set up with some margin. It really will start failing when the latency gets over 300 ms which is why I set the spec limit at 250 ms. I don’t believe however there is any good reason why it shouldn’t be lower than 250 ms unless you have some of the problems discussed in the trouble shooting section.

Rick kN6KB

From: Demetrius Panaioti
Sent: Friday, August 05, 2011 11:58 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: High T>R Latency in V4Chat ARQ mode

Last line of previous E-mail should read:
To date, the high latency hasn't caused problems with data transfer (I think).
Deme, VE7CRT.

--- In mailto:V4Protocol%40yahoogroups.com, "Demetrius Panaioti" <deme@...> wrote:
>
> Although I've had several successful ARQ mode qso's, I've been getting High T>R latency indications. On the TNC window the latency is over 200ms most of the time and exceeds 250ms occasionally. In one of the debug logs, I observed a T>R latency of 284ms.
> Will read the 'Troubleshooting' section in the virtual TNC section of help files to see what I can do to lower latency.
>
> To date, the high latency hasn't caused with data transfer (I think)!
>
> 73, Deme, VE7CRT.
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1391 / Virus Database: 1518/3812 - Release Date: 08/05/11

1514. Re: V4 QSO's

Yahoo group: V4Protocol
Date: 2011-08-05 18:33:56 UTC
From: Bob Thornton
Topic: 1477 Message: 1514

Here is a list I posted back in June when this question was asked, that didn't seem to get too much argument. 7073 is outside our European bandplan though it probably won't stop us responding if we hear a call on a clear channel! WSPR is certainly open on 40mtr between Europe and Australia in our late evenings.

Quote from Message 1162:
I once(February??) found a page from a US state digital group which had a good list but I lost the link! What I noted down was :

Europe
3590 7040 10136

USA
3583 7073 10131

Worldwide
14073 18085 21073

hopefully others will add to this or correct any errors, as it is pure hearsay.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, Paul Whitaker <dromana@...> wrote:
>
> Hi all,
> I am looking for some contacts on 40 mtr.
> Like 20 mtr has 14073, is there a frequency to sit on for contacts on 40,
> and 80 for that matter ?
> Getting some very good openings on 40 early in the morning Melbourne time -
> so good chance Ill hear someone.
>
> Thanks
>
> Paul Whitaker.
> VK3DPW
>

1515. Re: High T>R Latency in V4Chat ARQ mode

Yahoo group: V4Protocol
Date: 2011-08-05 20:30:04 UTC
From: Chris
Topic: 1511 Message: 1515

Hi Folks,

I just set up V4 with my Icom 7000 and am getting a latency of around 30-50mS on ARQ CQ or call. Much better than my Flex 1500 which is around 450mS!

All I need now is some decent DX propogation. I already logged WB2QLL calling CQ yesterday but was out the shack!

73, Chris ZL1BOE

P.S. Any other ZL's or even VK's on V4? Maybe we could try 80 or 40..

--- In V4Protocol@yahoogroups.com, "Demetrius Panaioti" <deme@...> wrote:
>
> Although I've had several successful ARQ mode qso's, I've been getting High T>R latency indications. On the TNC window the latency is over 200ms most of the time and exceeds 250ms occasionally. In one of the debug logs, I observed a T>R latency of 284ms.
> Will read the 'Troubleshooting' section in the virtual TNC section of help files to see what I can do to lower latency.
>
> To date, the high latency hasn't caused with data transfer (I think)!
>
> 73, Deme, VE7CRT.
>

1516. Re: [V4Protocol] Re: High T>R Latency in V4Chat ARQ mode

Yahoo group: V4Protocol
Date: 2011-08-05 20:36:07 UTC
From: Rick Muething
Topic: 1511 Message: 1516

Will someone that is setup for a Flex suggest some settings for minimal latency? I know it can be done with < 250 ms.

Rick KN6KB

1517. Re: [V4Protocol] Re: High T>R Latency in V4Chat ARQ mode

Yahoo group: V4Protocol
Date: 2011-08-05 21:07:05 UTC
From: Tom Brown N4TAB
Topic: 1511 Message: 1517

I'll try to get a useful config done this weekend.

73,

Tom N4TAB

Rick Muething <rmuething@...> wrote:

Will someone that is setup for a Flex suggest some settings for minimal latency? I know it can be done with < 250 ms.

Rick KN6KB

1518. Re: [V4Protocol] Re: High T>R Latency in V4Chat ARQ mode

Yahoo group: V4Protocol
Date: 2011-08-05 21:27:00 UTC
From: Ted Trostle
Topic: 1511 Message: 1518

The challenge is < 180 ms. I use a Flex 3000 and use the settings suggested in the RMS Express Help for Flex radios and my Latency is abt 130 to 150, but V4 contacts are RARE, yet RMS Express is virtually perfect depending on propagation.

Ted, WB2LOU

On Fri, Aug 5, 2011 at 5:07 PM, Tom Brown N4TAB <n4tab@...> wrote:

> **
>
>
> ** I'll try to get a useful config done this weekend.
>
> 73,
>
> Tom N4TAB
>
>
> Rick Muething <rmuething@cfl.rr.com> wrote:
>>
>>
>>
>> Will someone that is setup for a Flex suggest some settings for minimal
>> latency? I know it can be done with < 250 ms.
>>
>> Rick KN6KB
>>
>>
>>
>>
>>
>

--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is incurable.

1519. Re: High T>R Latency in V4Chat ARQ mode

Yahoo group: V4Protocol
Date: 2011-08-05 21:37:47 UTC
From: kc3ol
Topic: 1511 Message: 1519

Rick, I am using a FLex SDR1000 with software version 2.2.1.
Here are the settings that I am currently using for VAC.
Driver Windows WDM-KS
Buffer size: 512
Sample Rate: 48000
Latency set for Manual 10 ms.
Also, the Transmit DSP settings are RX 1024 and TX 1024.
If I call CQ in the ARQ mode the Measure T>R Latency is always between 200 and 230 MS.
ARQ mode has never worked for me. I have had many FEC contacts.
Yes, I understand how to use CTL CR.
Has anyone using a Flex radio been able to use the ARQ mode yet?
Thanks for all the work you have done.
Ted, KC3OL

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Will someone that is setup for a Flex suggest some settings for minimal latency? I know it can be done with < 250 ms.
>
> Rick KN6KB
>

1520. Re: High T>R Latency in V4Chat ARQ mode

Yahoo group: V4Protocol
Date: 2011-08-06 02:57:21 UTC
From: Demetrius Panaioti
Topic: 1511 Message: 1520

Hi Rick,
I think I found my high latency problem.
I moved V4Chat from my laptop which has umpteen resident programs to a desktop with an I5 quad processor and significantly fewer programs.
Working V4Chat from the desktop, the T>R latency runs between a minimum of 80ms to a maximum of 130ms with the same Signalink USB soundcard and TS2000 radio.
The next step is to uninstall all the redundant programs on the laptop to see if the number of resident programs slowed down the laptop.
Cheers, Deme, VE7CRT.

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Deme,
> The program is set up with some margin. It really will start failing when the latency gets over 300 ms which is why I set the spec limit at 250 ms. I donâ☐☐t believe however there is any good reason why it shouldnâ☐☐t be lower than 250 ms unless you have some of the problems discussed in the trouble shooting section.
>
> Rick kN6KB
>
>
> From: Demetrius Panaioti
> Sent: Friday, August 05, 2011 11:58 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: High T>R Latency in V4Chat ARQ mode
>
>
> Last line of previous E-mail should read:
> To date, the high latency hasn't caused problems with data transfer (I think).
> Deme, VE7CRT.
>
> --- In mailto:V4Protocol%40yahoogroups.com, "Demetrius Panaioti" <deme@> wrote:
> >
> > Although I've had several successful ARQ mode qso's, I've been getting High T>R latency indications. On the TNC window the latency is over 200ms most of the time and exceeds 250ms occasionally. In one of the debug logs, I observed a T>R latency of 284ms.
> > Will read the 'Troubleshooting' section in the virtual TNC section of help files to see what I can do to lower latency.
> >
> > To date, the high latency hasn't caused with data transfer (I think)!
> >
> > 73, Deme, VE7CRT.
> >
>
>
>

>
> ---
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1391 / Virus Database: 1518/3812 - Release Date: 08/05/11
>

1521. Flex settings.

Yahoo group: V4Protocol
Date: 2011-08-06 17:28:01 UTC
From: kirkharding@rocketmail.com
Topic: 1521 Message: 1521

Rig type Flex-5000A
Computer - Intel I7 2.8Ghz OS Win7 X32 Ultimate
Virtual Cable Control Settings (VAC):
SR 12000 - 44100
BPS 8 -16
Max Inst. 2 Ms per inst. 1
Streeam Cable Range
Volumn Control is checked
PWSDR Version 2.2.1 (beta)
Audio Primary Buffer 1024
Sample Rate 192000
VAC settings in F5K
Driver windows - WDM-KS
Input VAC 1
Output VAC 2
Buffer Size 512
Sample Rate 44100
Latency (manual) 20ms

Latency indicated in V4 - 157 > 180ms

Any questions, please contact me at kirk.harding@cox.net

1522. Successful ARQ with Flex Radio

Yahoo group: V4Protocol
Date: 2011-08-06 17:34:29 UTC
From: kirkharding@rocketmail.com
Topic: 1522 Message: 1522

I'm very interested to know if any Flex Radio user has ever had a successful ARQ, QSO. As ISS, I've had several successful transmit connections but when the other receive station responds I have never had a connection. If you have had a successful ARQ QSO then there are several of us who would like to know your settings.

Thanks

Kirk, K6KAR
Niceville, FL

1523. Memory ARQ implemented?

Yahoo group: V4Protocol
Date: 2011-08-06 17:39:23 UTC
From: Robert
Topic: 1523 Message: 1523

Rick or anyone,

Does the V4 protocol implement any form of memory ARQ? I can find no mention of this in the documentation.

Thanks,
Bob N7ZO

1524. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-08-06 19:13:39 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1524

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.4.4.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.4.4.0 Full Install with revision history and V4 TNC

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.4.4.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1525. V4 Chat 0.4.4.0 Posted on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-06 19:19:43 UTC
From: kn6kb
Topic: 1525 Message: 1525

All,

This is a significant update that should solve some of the observed problems. Note also there is now a green Queue Data button which does essentially the same as the Ctrl + CR does.

Thanks to those that reported debug logs that helped me track down an error in the IRS>ISS logic.

Be sure and read the help files if there are questions.

As usual you will have to uninstall any existing version but no setup data wil lbe lost.

Good luck,

Rick KN6KB

Summary of changes since last release:

V4 Chat Revision History

Date: Rev Change Summary

Aug 6, 2011 0.4.4.0 Beta release of 0.4.3.1

Aug 5, 2011 0.4.3.1 Add Queue Data button (green on right) to mirror Ctrl + CR function
Add code to pickup call sign from selection in minilog to set target call sign via ARQ Call button
Remove Ctrl + C option for calling CQ or call sign (too confusing)..just use ARQ Call button
Add tool tip text to important buttons and text boxes.
Modify ARQ Call menu to eliminate reference to Ctrl + C
Update Help

V4 TNC Revision History

Date Rev # Summary ofChanges

Aug 6, 2011 0.4.4.0 Beta release of 0.4.3.2 no function changes to 0.4.3.2

Aug 6, 2011 0.4.3.2 Make important changes in mechanism of transition to IRS>ISS state. Using blnDataRcvdWhileIRS
should prevent possible IRS>ISS embrace observed.
Add Bandpass filtering using BPF1500B in SearchForAMLeader47B2 if filter currently not selected.
Data filtering and waterfall is still based on Filter setting. This improves sync detect accuracy.
Modify backcolor and text of Send CW ID to show if FSK CW is being used.
Update help.

Aug 4, 2011 0.4.3.1 Make backcolor of latency measurement green if <= 250 ms or red if > 250 ms
Modify SearchForAMLeader47B to use narrow filter on envelope for symbol framing.
Fix possible repeat of CW ID using blnSendingCWID
Add tool tip text

1526. Re: [V4Protocol] Memory ARQ implemented?

Yahoo group: V4Protocol
Date: 2011-08-06 19:31:48 UTC
From: Rick Muething
Topic: 1523 Message: 1526

Bob,

At one time I had that in there and it wasn’t that effective (almost always it would get a good decode on just the Viterbi FEC decode before scoring a good decode on the memory ARQ. I ran lots of tests (typically 1000 frames at –5 dB S/N multipath poor) . There have been a lot of changes since then so I should go back and revisit that again. The memory ARQ is “soft” using the soft symbol values (before binary quantization) prior to the Viterbi decoder which gives the best performance but it showed no significant improvement during my earlier tests. It may be in part to the interleaving used in the Viterbi processing which tends to spread errors widely through the frame prior to decoding with the Viterbi decoder. Viterbi works best with randomly spread errors vs blocks of errors.

Rick KN6KB

1527. Re: [V4Protocol] Flex settings.

Yahoo group: V4Protocol
Date: 2011-08-06 19:32:51 UTC
From: Rick Muething
Topic: 1521 Message: 1527

Thanks,
I'll include this in the next help release.
Rick KN6KB
From: mailto:kirk.harding@...
Sent: Saturday, August 06, 2011 1:28 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Flex settings.

Rig type Flex-5000A
Computer - Intel I7 2.8Ghz OS Win7 X32 Ultimate
Virtual Cable Control Settings (VAC):
SR 12000 - 44100
BPS 8 -16
Max Inst. 2 Ms per inst. 1
Streeam Cable Range
Volumn Control is checked
PWSDR Version 2.2.1 (beta)
Audio Primary Buffer 1024
Sample Rate 192000
VAC settings in F5K
Driver windows - WDM-KS
Input VAC 1
Output VAC 2
Buffer Size 512
Sample Rate 44100
Latency (manual) 20ms

Latency indicated in V4 - 157 > 180ms

Any questions, please contact me at mailto:kirk.harding%40cox.net

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11

1528. RE: [V4Protocol] Flex settings.

Yahoo group: V4Protocol
Date: 2011-08-06 21:00:58 UTC
From: K6KAR
Topic: 1521 Message: 1528

Rick,

The only problem is that I've still be unable to have a two way (ARQ) QSO. I'm probably not asking this question correctly but as you can see I have my sample rate set to 44100. Is the correct sample rate for V4?

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Saturday, August 06, 2011 2:33 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Flex settings.

Thanks,

I'll include this in the next help release.

Rick KN6KB

From: mailto:kirk.harding@...

Sent: Saturday, August 06, 2011 1:28 PM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] Flex settings.

Rig type Flex-5000A
Computer - Intel I7 2.8Ghz OS Win7 X32 Ultimate
Virtual Cable Control Settings (VAC):
SR 12000 - 44100
BPS 8 -16
Max Inst. 2 Ms per inst. 1
Streeam Cable Range
Volumn Control is checked
PWSDR Version 2.2.1 (beta)
Audio Primary Buffer 1024
Sample Rate 192000
VAC settings in F5K
Driver windows - WDM-KS
Input VAC 1
Output VAC 2
Buffer Size 512
Sample Rate 44100
Latency (manual) 20ms

Latency indicated in V4 - 157 > 180ms

Any questions, please contact me at mailto:kirk.harding%40cox.net

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11

1529. Re: Memory ARQ implemented?

Yahoo group: V4Protocol
Date: 2011-08-06 21:24:15 UTC
From: Robert
Topic: 1523 Message: 1529

Rick,

Thanks for the good explanation. I am also a WINMOR and PACTOR III user and have been impressed at how many times the memory ARQ in those protocols (also using Viterbi encoding I believe) seems to have saved the QSO when all else failed. It would eventually be interesting to see if memory ARQ becomes of any value as V4 evolves to be robust in other areas.

Bob N7ZO
Just upgraded to 0.4.4.0

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Bob,
>
> At one time I had that in there and it wasnâ□□t that effective (almost always it would get a good decode on just the Viterbi FEC decode before scoring a good decode on the memory ARQ. I ran lots of tests (typically 1000 frames at â□"5 dB S/N multipath poor) . There have been a lot of changes since then so I should go back and revisit that again. The memory ARQ is â□□softâ□□ using the soft symbol values (before binary quantization) prior to the Viterbi decoder which gives the best performance but it showed no significant improvement during my earlier tests. It may be in part to the interleaving used in the Viterbi processing which tends to spread errors widely through the frame prior to decoding with the Viterbi decoder. Viterbi works best with randomly spread errors vs blocks of errors.
>
> Rick KN6KB
>

1530. Re: [V4Protocol] V4 Chat 0.4.4.0 Posted on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-06 22:01:15 UTC
From: Ron Wenig
Topic: 1525 Message: 1530

Wow....

I was monitoring 14.073 and trying to connect to WB2QLL with no success. As I was trying to connect I was reading my email when I noticed the new release so I updated. After the update I tried to connect to WB2QLL again and connected instantly and had a very successful QSO, the first one since I've been using ARQ mode. Rick, great job, I think you've got it :-)

73, Ron ny3j

On 8/6/2011 3:19 PM, kn6kb wrote:
>
> All,
>
> This is a significant update that should solve some of the observed
> problems.
>
>

1531. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-08-06 23:36:46 UTC
From: wb0kgn@q.com
Topic: 43 Message: 1531

My anti-virus software, Avast, is blocking the site claiming malware. And I have already deleted older versions of V4Chat.

----- Original Message -----
From: V4Protocol@yahoogroups.com
To: V4Protocol@yahoogroups.com
Sent: Saturday, August 6, 2011 2:13:39 PM
Subject: [V4Protocol] New file uploaded to V4Protocol

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.4.4.0 Full Install.zip
Uploaded by : kn6kb < rmuething@... >
Description : V4Chat 0.4.4.0 Full Install with revision history and V4 TNC

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.4.4.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb < rmuething@... >

1532. Re: [V4Protocol] V4 Chat 0.4.4.0 Posted on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-06 23:44:33 UTC
From: Rick Muething
Topic: 1525 Message: 1532

Ron,

Well too early to count the “chickens” yet but it sounds like it is a step in the right direction. The protocol (like all protocols) is tricky in a few areas and one of the testers captured a fairly rare but possible “embrace” where the two stations both got caught in the same place of the state table...NOT GOOD. The fix (which is in this latest rev) was fairly simple but I think was the cause of a lot of problems where the IRS didn’t complete the switch to ISS.

Also the fix I put in for the sensitivity is the result of the work on the WINMOR TNC. Though they are different in some respects the initial leader detection and symbol sync are quite similar. (46 baud two tone leader vs a 93 baud two tone leader for WINMOR) It looked to me like it helped probably 3-5 dB on the initial signal acquisition. Unfortunately my HF simulator only goes down to –5 dB S/N (3 KHz noise bandwidth) multi path poor channel but I was still getting about a 75% data frame success rate on that “channel”. That is a pretty poor signal but we do sometimes see a lot worse.

Few realize that progress in this HF modem game usually comes in little bytes of 1-2 dB! ....and the occasional back slide of a few dB!

73, Thanks for the feedback.

Rick KN6KB

1533. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-08-06 23:54:09 UTC
From: Rick Muething
Topic: 43 Message: 1533

Rule #1: Don’t cast off the lines until you start the engine!
No one else has reported this. I have all the latest anti viral software on both my computers. I downloaded and unzipped the zip file from the Yahoo web site to two computers and both unzipped and installed correctly.

You might try disabling the scanning or using a different virus scanner. I am virtually certain the file is clean.

Rick KN6KB

1534. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-08-07 00:05:25 UTC
From: John, VK5PO
Topic: 43 Message: 1534

spotless file Rick. now to find someone to
test the latest version with.
73. de vk5po

On 7/08/2011 9:24 AM, Rick Muething wrote:
>
>
> Rule #1: Don’t cast off the lines until
> you start the engine!
> No one else has reported this. I have all
> the latest anti viral software on both my
> computers. I downloaded and unzipped the
> zip file from the Yahoo web site to two
> computers and both unzipped and installed
> correctly.
> You might try disabling the scanning or
> using a different virus scanner. I am
> virtually certain the file is clean.
>
> Rick KN6KB
>
>
>

1535. Re: [V4Protocol] Flex settings.

Yahoo group: V4Protocol
Date: 2011-08-07 00:20:16 UTC
From: Rick Muething
Topic: 1521 Message: 1535

The V4 software sets the sample rate of the sound card (or VAC) you have assigned to 48000 receive, 12000 playback. I would suggest not using the rate of 44100 anywhere in a SDR setup. Most sound cards are NOT accurate at that sample rate (we have tested a lot) the primary rates of 192000, 96000, 48000, and 12000 are almost always more accurate. Look at one of the recent posts for the Flex 1000 and Flex 5000 for samples.

Others have had success using various flex models for both V4 and WINMOR (both have the same sample and playback rates).

Rick KN6KB

From: K6KAR
Sent: Saturday, August 06, 2011 5:00 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Flex settings.

Rick,

The only problem is that I've still be unable to have a two way (ARQ) QSO. I'm probably not asking this question correctly but as you can see I have my sample rate set to 44100. Is the correct sample rate for V4?

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Saturday, August 06, 2011 2:33 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Flex settings.

Thanks,

I'll include this in the next help release.

Rick KN6KB

From: mailto:kirk.harding@...t

Sent: Saturday, August 06, 2011 1:28 PM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] Flex settings.

Rig type Flex-5000A
Computer - Intel I7 2.8Ghz OS Win7 X32 Ultimate
Virtual Cable Control Settings (VAC):
SR 12000 - 44100
BPS 8 -16

Max Inst. 2 Ms per inst. 1
Streeam Cable Range
Volumn Control is checked
PWSDR Version 2.2.1 (beta)
Audio Primary Buffer 1024
Sample Rate 192000
VAC settings in F5K
Driver windows - WDM-KS
Input VAC 1
Output VAC 2
Buffer Size 512
Sample Rate 44100
Latency (manual) 20ms

Latency indicated in V4 - 157 > 180ms

Any questions, please contact me at mailto:kirk.harding%40cox.net

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11

1536. New File

Yahoo group: V4Protocol
Date: 2011-08-07 03:59:57 UTC
From: Harry
Topic: 1536 Message: 1536

New file rejected by Avast software but accepted by Norton

Harry W9IB

1537. NO JOY WITH ARQ VER 0.4.4.0

Yahoo group: V4Protocol
Date: 2011-08-07 05:27:24 UTC
From: Chris
Topic: 1537 Message: 1537

I have been testing with Chuck WA7BRL. Both of us using ver 0.4.4.0.

I can copy him 100% on FEC and he has had some copy from me on FEC but my signal is I think much weaker at his end.

We have linked several times on ARQ - sometimes initiated by me and sometimes by him. But no traffic has been exchanged either way at all. When I have initiated the link and am ISS I can queue text and see it sent. But Chuck says nothing arrives his end.

I will be trying within next few days to work with a local station and see if we have better results on ARQ.

73, Chris ZL1BOE

PS my latency is around 40mS during linking attempts.

1538. Re: [V4Protocol] NO JOY WITH ARQ VER 0.4.4.0

Yahoo group: V4Protocol
Date: 2011-08-07 06:26:02 UTC
From: Chuck
Topic: 1537 Message: 1538

Chris and All; Thanks for the testing. It seems linking (Connecting) on ARQ using REV. 0.4.4.0 is consistent between my station in Washington State to you in NZ on 20 Meters. My printing seems to very from 100% down to 25% with the QSB while on FEC mode but don't recall seeing any print while in ARQ. Also MY outgoing traffic does not show up in the Queue when in ARQ mode. During FEC mode, the Queue works fine and counts down as the traffic is sent after a Ctr-Enter. Is it not suppose to do so in ARQ mode?

When both of us first connect in ARQ mode, we get the ping pong effect with ACKS and NACS which I would expect while it is looking for traffic in the Queue. I'm not sure yet why it does not see the traffic in the text area or how to enter it into the Queue. Time to look at the HELP files again.

My latency has never gone over about 109 and averages in the 70's, so we are both well within the limits.

Good luck with a more local station.. it could just be signal strength on my end which is just about noise level or slightly above on a good QSB swing..

73;
Chuck, WA7BRL

----- Original Message -----

From: "Chris" <cbmuir@...>
To: V4Protocol@yahoogroups.com
Sent: Saturday, August 6, 2011 10:27:24 PM
Subject: [V4Protocol] NO JOY WITH ARQ VER 0.4.4.0

I have been testing with Chuck WA7BRL. Both of us using ver 0.4.4.0.

I can copy him 100% on FEC and he has had some copy from me on FEC but my signal is I think much weaker at his end.

We have linked several times on ARQ - sometimes initiated by me and sometimes by him. But no traffic has been exchanged either way at all. When I have initiated the link and am ISS I can queue text and see it sent. But Chuck says nothing arrives his end.

I will be trying within next few days to work with a local station and see if we have better results on ARQ.

73, Chris ZL1BOE

PS my latency is around 40mS during linking attempts.

1539. Re: [V4Protocol] NO JOY WITH ARQ VER 0.4.4.0

Yahoo group: V4Protocol
Date: 2011-08-07 07:58:33 UTC
From: John, VK5PO
Topic: 1537 Message: 1539

I did manage an ARQ connect with F1ABL, Got
his name, but the signals were so weak, that
I am amazed we connected! 20m
i was running only 50watts!
Thanks Michel, also heard DL4VCW too!

73 de john, VK5PO
On 7/08/2011 3:56 PM, Chuck wrote:
> Chris and All; Thanks for the testing. It seems linking (Connecting) on ARQ using REV. 0.4.4.0 is consistent between my station in Washington State to you in NZ on 20 Meters. My printing seems to very from 100% down to 25% with the QSB while on FEC mode but don't recall seeing any print while in ARQ. Also MY outgoing traffic does not show up in the Queue when in ARQ mode. During FEC mode, the Queue works fine and counts down as the traffic is sent after a Ctr-Enter. Is it not suppose to do so in ARQ mode?
>
> When both of us first connect in ARQ mode, we get the ping pong effect with ACKS and NACS which I would expect while it is looking for traffic in the Queue. I'm not sure yet why it does not see the traffic in the text area or how to enter it into the Queue. Time to look at the HELP files again.
>
> My latency has never gone over about 109 and averages in the 70's, so we are both well within the limits.
>
> Good luck with a more local station.. it could just be signal strength on my end which is just about noise level or slightly above on a good QSB swing..
>
> 73;
> Chuck, WA7BRL
>
>
> ----- Original Message -----
>
>
> From: "Chris"<cbmuir@...>
> To: V4Protocol@yahoogroups.com
> Sent: Saturday, August 6, 2011 10:27:24 PM
> Subject: [V4Protocol] NO JOY WITH ARQ VER 0.4.4.0
>
>
>
>
>
>
>
> I have been testing with Chuck WA7BRL. Both of us using ver 0.4.4.0.
>

> I can copy him 100% on FEC and he has had some copy from me on FEC but my signal is I think much weaker at his end.
>
> We have linked several times on ARQ - sometimes initiated by me and sometimes by him. But no traffic has been exchanged either way at all. When I have initiated the link and am ISS I can queue text and see it sent. But Chuck says nothing arrives his end.
>
> I will be trying within next few days to work with a local station and see if we have better results on ARQ.
>
> 73, Chris ZL1BOE
>
> PS my latency is around 40mS during linking attempts.
>
>
>
>
>
> ---
>
> Yahoo! Groups Links
>
>
>
>

1540. Re: [V4Protocol] NO JOY WITH ARQ VER 0.4.4.0

Yahoo group: V4Protocol
Date: 2011-08-07 08:31:35 UTC
From: Rick Muething
Topic: 1537 Message: 1540

John/All,

Your Outgoing Queue won't show up on the count until you are the ISS. The data is still there in a buffer but it is not UNTIL you are the ISS that the count is shown and begins to count down. This is all to insure that when you are the IRS you don't try and switch to the ISS UNTIL the ISS sends an IDL indicating he is done. Its just the same as a conversation...there should only be one talker at a time.

The data is sent the same in FEC mode as in ARQ mode. the only difference is that ARQ mode requires that the sync contains the proper session ID (an 8 bit number derived from the two connected call signs) If you can copy in FEC mode but not in ARQ mode I need to see your V4 TNC debug log. That tells me volumes more than any word description.... Programming especially this protocol development is ALL about details.... That is what the debug log is for. Send the V4 debug log AS AN ATTACHMENT to me directly with some indication (UTC time and description) of what you observed.

73,
Rick KN6KB

1541. RE: [V4Protocol] Flex settings.

Yahoo group: V4Protocol
Date: 2011-08-07 11:01:52 UTC
From: K6KAR
Topic: 1521 Message: 1541

Rick,

As an experiment, I picked 44100 based upon an article I read in the Flex Knowledge base. See: http://kc.flexradio.com/KnowledgebaseArticle50504.aspx However, making this setting didn't help or effect the ability for ARQ ops. Nonetheless, I will adjust the VAC assignment back to 48000.

You make mention that "others have had success using various Flex models for both V4 and WINMOR. I know two Flex Radio users who have had success with WINMOR. Myself and Ted-KC3OL. Ted uses a SDR-1000 and I use the Flex-5000A. Ted and I have tested and continue to test V4. We have never been successful using V4 with ARQ. If you could be specific as to who those "Others" are we sure would like to talk with them.

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Saturday, August 06, 2011 7:20 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Flex settings.

The V4 software sets the sample rate of the sound card (or VAC) you have assigned to 48000 receive, 12000 playback. I would suggest not using the rate of 44100 anywhere in a SDR setup. Most sound cards are NOT accurate at that sample rate (we have tested a lot) the primary rates of 192000, 96000, 48000, and 12000 are almost always more accurate. Look at one of the recent posts for the Flex 1000 and Flex 5000 for samples.

Others have had success using various flex models for both V4 and WINMOR (both have the same sample and playback rates).

Rick KN6KB

From: K6KAR <mailto:kirk.harding@...>

Sent: Saturday, August 06, 2011 5:00 PM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] Flex settings.

Rick,

The only problem is that I've still be unable to have a two way (ARQ) QSO. I'm probably not asking this question correctly but as you can see I have my sample rate set to 44100. Is the correct sample rate for V4?

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Saturday, August 06, 2011 2:33 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Flex settings.

Thanks,

I'll include this in the next help release.

Rick KN6KB

From: mailto:kirk.harding@...

Sent: Saturday, August 06, 2011 1:28 PM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] Flex settings.

Rig type Flex-5000A
Computer - Intel I7 2.8Ghz OS Win7 X32 Ultimate
Virtual Cable Control Settings (VAC):
SR 12000 - 44100
BPS 8 -16
Max Inst. 2 Ms per inst. 1
Streeam Cable Range
Volumn Control is checked
PWSDR Version 2.2.1 (beta)
Audio Primary Buffer 1024
Sample Rate 192000
VAC settings in F5K
Driver windows - WDM-KS
Input VAC 1
Output VAC 2
Buffer Size 512
Sample Rate 44100
Latency (manual) 20ms

Latency indicated in V4 - 157 > 180ms

Any questions, please contact me at mailto:kirk.harding%40cox.net

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11

1542. Re: [V4Protocol] Re: Memory ARQ implemented?

Yahoo group: V4Protocol
Date: 2011-08-07 12:00:24 UTC
From: Rick Muething
Topic: 1523 Message: 1542

Bob,
Your question got me to thinking and looking back at my previous MEMARQ tests on V4. I was using a fairly basic averaging algorithm to simply averaging the soft symbols upon each failed CRC check. In hindsight I think there is a much better approach.

With each received frame a “score” of 0- 100 is calculated. that score measures basically the average symbol quality (how closely the symbols “fit” onto the 4 perfect “corners”. This score is shown on the constellation diagram with each received data frame (whether correctly decoded or not)

The idea is to use that score to determine when/if to average the received (but failed CRC) soft symbols into the Memory ARQ. Using the score will insure the average is always improving in score and will discard any received frames that won’t improve the memory ARQ average score.

It will take a while and some extensive testing (long sessions over the HF Simulator on poor channels) to see how effective it is. It certainly won’t hurt and I should be able to gather some statistics to determine how useful it is.

Thanks again for the feedback.

Rick KN6KB

1543. Re: [V4Protocol] Flex settings.

Yahoo group: V4Protocol
Date: 2011-08-07 12:18:12 UTC
From: Rick Muething
Topic: 1521 Message: 1543

Kirk,

I would have to go back in the message history of the V4 group to pull out Flex users with success on V4 but I am pretty certain there are some. If the flex setup works with WINMOR the same setup should work with V4 (the latency limits are the same and the sample rates and playback rates are the same).

I can't emphasize enough the importance of the debug log. Comments like "We have never been successful using V4 with ARQ. " basically tell me very little. What WILL help me to find the problems you are seeing is something like this:
"Ted and I tried to connect at 2015 UTC. The attached V4 TNC debug logs from both our ends cover the period"

for example there is just one segment of the V4 TNC Debug log that tells the complete sync decode history for a frame. It looks like this:

2011/08/06 15:23:03.65 [0.4.2.1] New ARQ State: ISSSync
2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Raw Ptr Adj:7
2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Limited Ptr Adj:7 ID:2230 FEC:201 ACK:025 NAK:342 IDL:345
2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Successful Sync Distance History: FEC, ACK, NAK, IDL
2011/08/06 15:23:03.86 [0.4.2.1] DistFEC: 402 453 439 425 477 516 458 471 603 594 418 201
2011/08/06 15:23:03.86 [0.4.2.1] DistACK: 402 453 439 425 420 465 398 414 559 550 460 025
<<<< Notice the 025 here. It shows a good ACK decode
2011/08/06 15:23:03.86 [0.4.2.1] DistNAK: 402 453 439 425 477 464 393 413 561 545 356 342
2011/08/06 15:23:03.86 [0.4.2.1] DistIDL: 402 453 439 425 477 512 452 473 601 593 466 345
2011/08/06 15:23:03.86 [0.4.2.1] Ptr Adj: 015 -15 -14 003 015 003 004 003 000 001 000 007
<<<< This line shows the symbol sync tracking on a symbol by symbol basis.

I know it looks like gibberish to most but those distance numbers in the matrix show the decoding. See the 025 at the end of the DistACK line? That confirms how well the ACK sync was detected...a "distance" of < 100 is a good decode

I don't expect casual users to be able to interpret these things but all that is needed is to include the V4 TNC debug log AS AN ATTACHMENT with some time pointer...the UTC Time (notice the time is logged to the nearest 10 ms in the log snippet above) so I can efficiently zero in on the area without wading through many KB of log data. At this stage of the development this by far the most productive way to proceed.

73,

Rick KN6KB

From: K6KAR
Sent: Sunday, August 07, 2011 7:01 AM
To: V4Protocol@yahoogroups.com

Cc: kc3ol@...
Subject: RE: [V4Protocol] Flex settings.

Rick,

As an experiment, I picked 44100 based upon an article I read in the Flex Knowledge base. See: http://kc.flexradio.com/KnowledgebaseArticle50504.aspx However, making this setting didn't help or effect the ability for ARQ ops. Nonetheless, I will adjust the VAC assignment back to 48000.

You make mention that "others have had success using various Flex models for both V4 and WINMOR. I know two Flex Radio users who have had success with WINMOR. Myself and Ted-KC3OL. Ted uses a SDR-1000 and I use the Flex-5000A. Ted and I have tested and continue to test V4. We have never been successful using V4 with ARQ. If you could be specific as to who those "Others" are we sure would like to talk with them.

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Saturday, August 06, 2011 7:20 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Flex settings.

The V4 software sets the sample rate of the sound card (or VAC) you have assigned to 48000 receive, 12000 playback. I would suggest not using the rate of 44100 anywhere in a SDR setup. Most sound cards are NOT accurate at that sample rate (we have tested a lot) the primary rates of 192000, 96000, 48000, and 12000 are almost always more accurate. Look at one of the recent posts for the Flex 1000 and Flex 5000 for samples.

Others have had success using various flex models for both V4 and WINMOR (both have the same sample and playback rates).

Rick KN6KB

From: K6KAR

Sent: Saturday, August 06, 2011 5:00 PM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] Flex settings.

Rick,

The only problem is that I've still be unable to have a two way (ARQ) QSO. I'm probably not asking this question correctly but as you can see I have my sample rate set to 44100. Is the correct sample rate for V4?

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Saturday, August 06, 2011 2:33 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Flex settings.

Thanks,

I'll include this in the next help release.

Rick KN6KB

From: mailto:kirk.harding@...

Sent: Saturday, August 06, 2011 1:28 PM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] Flex settings.

Rig type Flex-5000A
Computer - Intel I7 2.8Ghz OS Win7 X32 Ultimate
Virtual Cable Control Settings (VAC):
SR 12000 - 44100
BPS 8 -16
Max Inst. 2 Ms per inst. 1
Streeam Cable Range
Volumn Control is checked
PWSDR Version 2.2.1 (beta)
Audio Primary Buffer 1024
Sample Rate 192000
VAC settings in F5K
Driver windows - WDM-KS
Input VAC 1
Output VAC 2
Buffer Size 512
Sample Rate 44100
Latency (manual) 20ms

Latency indicated in V4 - 157 > 180ms

Any questions, please contact me at mailto:kirk.harding%40cox.net

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Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11

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Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11

1544. RE: [V4Protocol] Flex settings.

Yahoo group: V4Protocol
Date: 2011-08-07 12:44:45 UTC
From: K6KAR
Topic: 1521 Message: 1544

Rick,

Neither Ted nor I have problem, supplying you with a debug log. However, KB5XE and I did this a few weeks back and never did hear any comment other than you didn't understand the problem. Ted, KC3OL and I, using the latest V4 TNC release, will attempt to establish a V4, ARQ QSO. I'll coordinate with Ted and get his debug log. I will send you a direct email with both our logs attached. Within my email, the exact (UTC) time of our attempt will be noted. We should be able to accomplish this before noon (CST), today.

73

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Sunday, August 07, 2011 7:18 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Flex settings.

Kirk,

I would have to go back in the message history of the V4 group to pull out Flex users with success on V4 but I am pretty certain there are some. If the flex setup works with WINMOR the same setup should work with V4 (the latency limits are the same and the sample rates and playback rates are the same).

I can't emphasize enough the importance of the debug log. Comments like "We have never been successful using V4 with ARQ. " basically tell me very little. What WILL help me to find the problems you are seeing is something like this:

"Ted and I tried to connect at 2015 UTC. The attached V4 TNC debug logs from both our ends cover the period"

for example there is just one segment of the V4 TNC Debug log that tells the complete sync decode history for a frame. It looks like this:

2011/08/06 15:23:03.65 [0.4.2.1] New ARQ State: ISSSync

2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Raw Ptr Adj:7

2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Limited Ptr Adj:7 ID:2230 FEC:201 ACK:025 NAK:342 IDL:345

2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Successful Sync Distance History: FEC, ACK, NAK, IDL

2011/08/06 15:23:03.86 [0.4.2.1] DistFEC: 402 453 439 425 477 516 458 471 603 594 418 201

2011/08/06 15:23:03.86 [0.4.2.1] DistACK: 402 453 439 425 420 465 398 414 559 550 460 025 <<<< Notice the 025 here. It shows a good ACK decode

2011/08/06 15:23:03.86 [0.4.2.1] DistNAK: 402 453 439 425 477 464 393 413 561 545 356 342

2011/08/06 15:23:03.86 [0.4.2.1] DistIDL: 402 453 439 425 477 512 452 473 601 593 466 345

2011/08/06 15:23:03.86 [0.4.2.1] Ptr Adj: 015 -15 -14 003 015 003 004 003 000 001 000 007 <<<< This line shows the symbol sync tracking on a symbol by symbol basis.

I know it looks like gibberish to most but those distance numbers in the matrix show the decoding. See the 025 at the end of the DistACK line? That confirms how well the ACK sync was detected...a “distance” of < 100 is a good decode

I don’t expect casual users to be able to interpret these things but all that is needed is to include the V4 TNC debug log AS AN ATTACHMENT with some time pointer...the UTC Time (notice the time is logged to the nearest 10 ms in the log snippet above) so I can efficiently zero in on the area without wading through many KB of log data. At this stage of the development this by far the most productive way to proceed.

73,

Rick KN6KB

From: K6KAR <mailto:kirk.harding@...>

Sent: Sunday, August 07, 2011 7:01 AM

To: V4Protocol@yahoogroups.com

Cc: kc3ol@...

Subject: RE: [V4Protocol] Flex settings.

Rick,

As an experiment, I picked 44100 based upon an article I read in the Flex Knowledge base. See: http://kc.flexradio.com/KnowledgebaseArticle50504.aspx However, making this setting didn’t help or effect the ability for ARQ ops. Nonetheless, I will adjust the VAC assignment back to 48000.

You make mention that “others have had success using various Flex models for both V4 and WINMOR. I know two Flex Radio users who have had success with WINMOR. Myself and Ted-KC3OL. Ted uses a SDR-1000 and I use the Flex-5000A. Ted and I have tested and continue to test V4. We have never been successful using V4 with ARQ. If you could be specific as to who those “Others” are we sure would like to talk with them.

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Saturday, August 06, 2011 7:20 PM
To: V4Protocol@yahoogroups.com

Subject: Re: [V4Protocol] Flex settings.

The V4 software sets the sample rate of the sound card (or VAC) you have assigned to 48000 receive, 12000 playback. I would suggest not using the rate of 44100 anywhere in a SDR setup. Most sound cards are NOT accurate at that sample rate (we have tested a lot) the primary rates of 192000, 96000, 48000, and 12000 are almost always more accurate. Look at one of the recent posts for the Flex 1000 and Flex 5000 for samples.

Others have had success using various flex models for both V4 and WINMOR (both have the same sample and playback rates).

Rick KN6KB

From: K6KAR <mailto:kirk.harding@...>

Sent: Saturday, August 06, 2011 5:00 PM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] Flex settings.

Rick,

The only problem is that I've still be unable to have a two way (ARQ) QSO. I'm probably not asking this question correctly but as you can see I have my sample rate set to 44100. Is the correct sample rate for V4?

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Saturday, August 06, 2011 2:33 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Flex settings.

Thanks,

I'll include this in the next help release.

Rick KN6KB

From: mailto:kirk.harding@...

Sent: Saturday, August 06, 2011 1:28 PM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] Flex settings.

Rig type Flex-5000A
Computer - Intel I7 2.8Ghz OS Win7 X32 Ultimate
Virtual Cable Control Settings (VAC):
SR 12000 - 44100
BPS 8 -16
Max Inst. 2 Ms per inst. 1

Streeam Cable Range
Volumn Control is checked
PWSDR Version 2.2.1 (beta)
Audio Primary Buffer 1024
Sample Rate 192000
VAC settings in F5K
Driver windows - WDM-KS
Input VAC 1
Output VAC 2
Buffer Size 512
Sample Rate 44100
Latency (manual) 20ms

Latency indicated in V4 - 157 > 180ms

Any questions, please contact me at mailto:kirk.harding%40cox.net

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Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11

1545. Re: [V4Protocol] Flex settings.

Yahoo group: V4Protocol
Date: 2011-08-07 12:59:05 UTC
From: Ted Trostle
Topic: 1521 Message: 1545

I run the Flex 3000. I have had only limited success. One thing I have noted with the Flex radio is that the V4 performance can be impaired if the ALC is even 0 db. By monitoring the signal I hear distortion if the VAC TX Gain setting drives the ALC into 1 or 2 db. I set the PWSDR VAC TX Gain to limit the ALC to -1 db.

Under good propagation I have perfect contacts using RMS Express, so the V4 ARQ mode should work too, but again I believe performance overall is impacted by band conditions

Kirk my Flex settings are almost like those you posted earlier, except I have the VAC volume control disabled (unchecked) and all Sample Rates are 48000.

Where did you find PWSDR version 2.2 ?? I use version 2.1.5

Ted, WB2LOU.

On Sun, Aug 7, 2011 at 8:18 AM, Rick Muething <rmuething@...> wrote:

> **
>
>
> Kirk,
>
> I would have to go back in the message history of the V4 group to pull out
> Flex users with success on V4 but I am pretty certain there are some. If
> the flex setup works with WINMOR the same setup should work with V4 (the
> latency limits are the same and the sample rates and playback rates are the
> same).
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> I can’t emphasize enough the importance of the debug log. Comments like “
> *We have never been successful using V4 with ARQ.* “ basically tell me
> very little. What WILL help me to find the problems you are seeing is
> something like this:
> *“Ted and I tried to connect at 2015 UTC. The attached V4 TNC debug logs
> from both our ends cover the period”*
> **
> for example there is just one segment of the V4 TNC Debug log that tells
> the complete sync decode history for a frame. It looks like this:
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> 2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Raw Ptr Adj:7
> 2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Limited Ptr Adj:7 ID:2230
> FEC:201 ACK:025 NAK:342 IDL:345
> 2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Successful Sync Distance

> History: FEC, ACK, NAK, IDL
> 2011/08/06 15:23:03.86 [0.4.2.1] DistFEC: 402 453 439 425 477 516 458
> 471 603 594 418 201
> 2011/08/06 15:23:03.86 [0.4.2.1] DistACK: 402 453 439 425 420 465 398
> 414 559 550 460 025 <<<< Notice the 025 here. It shows a good ACK decode
> 2011/08/06 15:23:03.86 [0.4.2.1] DistNAK: 402 453 439 425 477 464 393
> 413 561 545 356 342
> 2011/08/06 15:23:03.86 [0.4.2.1] DistIDL: 402 453 439 425 477 512 452
> 473 601 593 466 345
> 2011/08/06 15:23:03.86 [0.4.2.1] Ptr Adj: 015 -15 -14 003 015 003 004
> 003 000 001 000 007 <<<< This line shows the symbol sync tracking on a
> symbol by symbol basis.
>
> I know it looks like gibberish to most but those distance numbers in the
> matrix show the decoding. See the 025 at the end of the DistACK line? That
> confirms how well the ACK sync was detected...a “distance” of < 100 is a
> good decode
>
> I don’t expect casual users to be able to interpret these things but all
> that is needed is to include the V4 TNC debug log AS AN ATTACHMENT with some
> time pointer...the UTC Time (notice the time is logged to the nearest 10 ms
> in the log snippet above) so I can efficiently zero in on the area without
> wading through many KB of log data. At this stage of the development this
> by far the most productive way to proceed.
>
> 73,
>
> Rick KN6KB
>
> **
> *From:* K6KAR <kirk.harding@cox.net>
> *Sent:* Sunday, August 07, 2011 7:01 AM
> *To:* V4Protocol@yahoogroups.com
> *Cc:* kc3ol@...
> *Subject:* RE: [V4Protocol] Flex settings.
>
>
>
> *Rick,*
>
> **
>
> *As an experiment, I picked 44100 based upon an article I read in the Flex
> Knowledge base. See:
> http://kc.flexradio.com/KnowledgebaseArticle50504.aspx However, making
> this setting didn’t help or effect the ability for ARQ ops. Nonetheless, I
> will adjust the VAC assignment back to 48000. *
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> with WINMOR. Myself and Ted- KC3OL. Ted uses a SDR-1000 and I use the
> Flex-5000A. Ted and I have tested and continue to test V4. We have never
> been successful using V4 with ARQ. If you could be specific as to who those
> “Others” are we sure would like to talk with them. *
>
> **
>
> *Kirk, K6KAR*
>
> *Niceville, FL*
>
> **
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Rick Muething
> *Sent:* Saturday, August 06, 2011 7:20 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Flex settings.****
>
> ****
>
> ****
>
> The V4 software sets the sample rate of the sound card (or VAC) you have
> assigned to 48000 receive, 12000 playback. I would suggest not using the
> rate of 44100 anywhere in a SDR setup. Most sound cards are NOT accurate at
> that sample rate (we have tested a lot) the primary rates of 192000, 96000,
> 48000, and 12000 are almost always more accurate. Look at one of the recent
> posts for the Flex 1000 and Flex 5000 for samples.****
>
> ****
>
> Others have had success using various flex models for both V4 and WINMOR
> (both have the same sample and playback rates).****
>
> ****
>
> Rick KN6KB****
>
> ****
>
> ****
>
> ****
>
> ****
>
> ****

>
> *From:* K6KAR <kirk.harding@...> ****
>
> *Sent:* Saturday, August 06, 2011 5:00 PM****
>
> *To:* V4Protocol@yahoogroups.com ****
>
> *Subject:* RE: [V4Protocol] Flex settings.****
>
> ****
>
> ****
>
> *Rick,*****
>
> *The only problem is that I’ve still be unable to have a two way (ARQ)
> QSO. I’m probably not asking this question correctly but as you can see I
> have my sample rate set to 44100. Is the correct sample rate for V4?*****
>
> *Kirk, K6KAR*****
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Rick Muething
> *Sent:* Saturday, August 06, 2011 2:33 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Flex settings.****
>
> ****
>
> Thanks,****
>
> I’ll include this in the next help release.****
>
> Rick KN6KB****
>
> *From:* mailto:kirk.harding@... <kirk.harding@...t> ****
>
> *Sent:* Saturday, August 06, 2011 1:28 PM****
>
> *To:* V4Protocol@yahoogroups.com ****
>
> *Subject:* [V4Protocol] Flex settings.****
>
> ****
>
> Rig type Flex-5000A
> Computer - Intel I7 2.8Ghz OS Win7 X32 Ultimate
> Virtual Cable Control Settings (VAC):
> SR 12000 - 44100
> BPS 8 -16

> Max Inst. 2 Ms per inst. 1
> Streeam Cable Range
> Volumn Control is checked
> PWSDR Version 2.2.1 (beta)
> Audio Primary Buffer 1024
> Sample Rate 192000
> VAC settings in F5K
> Driver windows - WDM-KS
> Input VAC 1
> Output VAC 2
> Buffer Size 512
> Sample Rate 44100
> Latency (manual) 20ms
>
> Latency indicated in V4 - 157 > 180ms
>
> Any questions, please contact me at
mailto:kirk.harding%40cox.net<kirk.harding%40cox.net>
> ****
> ------------------------------
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11***
> *
> ------------------------------
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>
>
>

--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is
incurable.

1546. RE: [V4Protocol] Flex settings.

Yahoo group: V4Protocol
Date: 2011-08-07 13:21:13 UTC
From: K6KAR
Topic: 1521 Message: 1546

Ted,

Would you please expand upon "I have had only limited success." Have you ever accomplished an ARQ two way, QSO? I don't show ALC gain but will have to take a second look to see what ALC is present, if any. Most of my operation is digital so I'm very cognizant of problems caused by ALC. Anyway, your comment is a good one and one that I'll review on my system.

Having the VAC volume control enabled provides a little easier control of AF input and RF output when in DIGU or DIGL. Also, running sample rates at 44100 was an experiment. I'll be changing this back to 48000.

PWSDR version 2.2.1 is a beta release and hasn't yet been posted for general use. However, preliminary results are that it works very well and does have improved notch capability. It should be out shortly.

Thanks for your comments,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ted Trostle
Sent: Sunday, August 07, 2011 7:59 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Flex settings.

I run the Flex 3000. I have had only limited success. One thing I have noted with the Flex radio is that the V4 performance can be impaired if the ALC is even 0 db. By monitoring the signal I hear distortion if the VAC TX Gain setting drives the ALC into 1 or 2 db. I set the PWSDR VAC TX Gain to limit the ALC to -1 db.

Under good propagation I have perfect contacts using RMS Express, so the V4 ARQ mode should work too, but again I believe performance overall is impacted by band conditions

Kirk my Flex settings are almost like those you posted earlier, except I have the VAC volume control disabled (unchecked) and all Sample Rates are 48000.

Where did you find PWSDR version 2.2 ?? I use version 2.1.5

Ted, WB2LOU.

On Sun, Aug 7, 2011 at 8:18 AM, Rick Muething <rmuething@...> wrote:

Kirk,

I would have to go back in the message history of the V4 group to pull out Flex users with success on V4 but I am pretty certain there are some. If the flex setup works with WINMOR the same setup should work with V4 (the latency limits are the same and the sample rates and playback rates are the same).

I can't emphasize enough the importance of the debug log. Comments like "We have never been successful using V4 with ARQ. " basically tell me very little. What WILL help me to find the problems you are seeing is something like this:

"Ted and I tried to connect at 2015 UTC. The attached V4 TNC debug logs from both our ends cover the period"

for example there is just one segment of the V4 TNC Debug log that tells the complete sync decode history for a frame. It looks like this:

2011/08/06 15:23:03.65 [0.4.2.1] New ARQ State: ISSSync

2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Raw Ptr Adj:7

2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Limited Ptr Adj:7 ID:2230 FEC:201 ACK:025 NAK:342 IDL:345

2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Successful Sync Distance History: FEC, ACK, NAK, IDL

2011/08/06 15:23:03.86 [0.4.2.1] DistFEC: 402 453 439 425 477 516 458 471 603 594 418 201

2011/08/06 15:23:03.86 [0.4.2.1] DistACK: 402 453 439 425 420 465 398 414 559 550 460 025 <<<< Notice the 025 here. It shows a good ACK decode

2011/08/06 15:23:03.86 [0.4.2.1] DistNAK: 402 453 439 425 477 464 393 413 561 545 356 342

2011/08/06 15:23:03.86 [0.4.2.1] DistIDL: 402 453 439 425 477 512 452 473 601 593 466 345

2011/08/06 15:23:03.86 [0.4.2.1] Ptr Adj: 015 -15 -14 003 015 003 004 003 000 001 000 007 <<<< This line shows the symbol sync tracking on a symbol by symbol basis.

I know it looks like gibberish to most but those distance numbers in the matrix show the decoding. See the 025 at the end of the DistACK line? That confirms how well the ACK sync was detected...a "distance" of < 100 is a good decode

I don't expect casual users to be able to interpret these things but all that is needed is to include the V4 TNC debug log AS AN ATTACHMENT with some time pointer...the UTC Time (notice the time is logged to the nearest 10 ms in the log snippet above) so I can efficiently zero in on the area without wading through many KB of log data. At this stage of the development this by far the most productive way to proceed.

73,

Rick KN6KB

From: K6KAR <mailto:kirk.harding@...>

Sent: Sunday, August 07, 2011 7:01 AM

To: V4Protocol@yahoogroups.com

Cc: kc3ol@...

Subject: RE: [V4Protocol] Flex settings.

Rick,

As an experiment, I picked 44100 based upon an article I read in the Flex Knowledge base. See: http://kc.flexradio.com/KnowledgebaseArticle50504.aspx However, making this setting didn't help or effect the ability for ARQ ops. Nonetheless, I will adjust the VAC assignment back to 48000.

You make mention that "others have had success using various Flex models for both V4 and WINMOR. I know two Flex Radio users who have had success with WINMOR. Myself and Ted- KC3OL. Ted uses a SDR-1000 and I use the Flex-5000A. Ted and I have tested and continue to test V4. We have never been successful using V4 with ARQ. If you could be specific as to who those "Others" are we sure would like to talk with them.

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Saturday, August 06, 2011 7:20 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Flex settings.

The V4 software sets the sample rate of the sound card (or VAC) you have assigned to 48000 receive, 12000 playback. I would suggest not using the rate of 44100 anywhere in a SDR setup. Most sound cards are NOT accurate at that sample rate (we have tested a lot) the primary rates of 192000, 96000, 48000, and 12000 are almost always more accurate. Look at one of the recent posts for the Flex 1000 and Flex 5000 for samples.

Others have had success using various flex models for both V4 and WINMOR (both have the same sample and playback rates).

Rick KN6KB

From: K6KAR <mailto:kirk.harding@...>

Sent: Saturday, August 06, 2011 5:00 PM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] Flex settings.

Rick,

The only problem is that I've still be unable to have a two way (ARQ) QSO.
I'm probably not asking this question correctly but as you can see I have my
sample rate set to 44100. Is the correct sample rate for V4?

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
Behalf Of Rick Muething
Sent: Saturday, August 06, 2011 2:33 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Flex settings.

Thanks,

I'll include this in the next help release.

Rick KN6KB

From: mailto:kirk.harding@...

Sent: Saturday, August 06, 2011 1:28 PM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] Flex settings.

Rig type Flex-5000A
Computer - Intel I7 2.8Ghz OS Win7 X32 Ultimate
Virtual Cable Control Settings (VAC):
SR 12000 - 44100
BPS 8 -16
Max Inst. 2 Ms per inst. 1
Streeam Cable Range
Volumn Control is checked
PWSDR Version 2.2.1 (beta)
Audio Primary Buffer 1024
Sample Rate 192000
VAC settings in F5K
Driver windows - WDM-KS
Input VAC 1
Output VAC 2
Buffer Size 512
Sample Rate 44100
Latency (manual) 20ms

Latency indicated in V4 - 157 > 180ms

Any questions, please contact me at mailto:kirk.harding%40cox.net

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11

No virus found in this message.
Checked by AVG - www.avg.com
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--
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incurable.

1547. Re: [V4Protocol] Flex settings.

Yahoo group: V4Protocol
Date: 2011-08-07 14:10:33 UTC
From: Ted Trostle
Topic: 1521 Message: 1547

Kirk I have had 1 QSO that was really good. I have had many OSO's start out OK, but they ended poorly when I timed out or the other station timed out and that was with V4 4.1 thru 4.3. No luck yet with the latest version 4.4

I believe I missed something about the VAC settings, perhaps you can point me to the answer...when I have the VAC volume control on I have no output. So what setting should I change or turn on?

Ted, WB2LOU

On Sun, Aug 7, 2011 at 9:21 AM, K6KAR <kirk.harding@...> wrote:

> **
>
>
> *Ted,*
>
> * *
>
> *Would you please expand upon “I have had only limited success.” Have you
> ever accomplished an ARQ two way, QSO? I don’t show ALC gain but will
> have to take a second look to see what ALC is present, if any. Most of my
> operation is digital so I’m very cognizant of problems caused by ALC.
> Anyway, your comment is a good one and one that I’ll review on my system.*
>
> *Having the VAC volume control enabled provides a little easier control of
> AF input and RF output when in DIGU or DIGL. Also, running sample rates at
> 44100 was an experiment. I’ll be changing this back to 48000.*
>
> * *
>
> *PWSDR version 2.2.1 is a beta release and hasn’t yet been posted for
> general use. However, preliminary results are that it works very well and
> does have improved notch capability. It should be out shortly. *
>
> * *
>
> *Thanks for your comments,*
>
> * *
>
> *Kirk, K6KAR *
>
> * *
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On

> Behalf Of *Ted Trostle
> *Sent:* Sunday, August 07, 2011 7:59 AM
> *To:* V4Protocol@yahoogroups.com
>
> *Subject:* Re: [V4Protocol] Flex settings.****
>
> ** **
>
> ****
>
> I run the Flex 3000. I have had only limited success. One thing I have
> noted with the Flex radio is that the V4 performance can be impaired if the
> ALC is even 0 db. By monitoring the signal I hear distortion if the VAC TX
> Gain setting drives the ALC into 1 or 2 db. I set the PWSDR VAC TX Gain to
> limit the ALC to -1 db.
>
> Under good propagation I have perfect contacts using RMS Express, so the V4
> ARQ mode should work too, but again I believe performance overall is
> impacted by band conditions
>
> Kirk my Flex settings are almost like those you posted earlier, except I
> have the VAC volume control disabled (unchecked) and all Sample Rates are
> 48000.
>
> Where did you find PWSDR version 2.2 ?? I use version 2.1.5
>
> Ted, WB2LOU.
>
> ****
>
> On Sun, Aug 7, 2011 at 8:18 AM, Rick Muething <rmuething@...>
> wrote:****
>
> ****
>
> Kirk,****
>
> ****
>
> I would have to go back in the message history of the V4 group to pull out
> Flex users with success on V4 but I am pretty certain there are some. If
> the flex setup works with WINMOR the same setup should work with V4 (the
> latency limits are the same and the sample rates and playback rates are the
> same).****
>
> ****
>
> I can’t emphasize enough the importance of the debug log. Comments like “
> *We have never been successful using V4 with ARQ.* “ basically tell me
> very little. What WILL help me to find the problems you are seeing is

> something like this:****
>
> *“Ted and I tried to connect at 2015 UTC. The attached V4 TNC debug logs
> from both our ends cover the period”*****
>
> ****
>
> for example there is just one segment of the V4 TNC Debug log that tells
> the complete sync decode history for a frame. It looks like this:****
>
> ****
>
> 2011/08/06 15:23:03.65 [0.4.2.1] New ARQ State: ISSSync****
>
> 2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Raw Ptr Adj:7****
>
> 2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Limited Ptr Adj:7 ID:2230
> FEC:201 ACK:025 NAK:342 IDL:345****
>
> 2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Successful Sync Distance
> History: FEC, ACK, NAK, IDL****
>
> 2011/08/06 15:23:03.86 [0.4.2.1] DistFEC: 402 453 439 425 477 516 458
> 471 603 594 418 201 ****
>
> 2011/08/06 15:23:03.86 [0.4.2.1] DistACK: 402 453 439 425 420 465 398
> 414 559 550 460 025 <<<< Notice the 025 here. It shows a good ACK decode
> ****
>
> 2011/08/06 15:23:03.86 [0.4.2.1] DistNAK: 402 453 439 425 477 464 393
> 413 561 545 356 342 ****
>
> 2011/08/06 15:23:03.86 [0.4.2.1] DistIDL: 402 453 439 425 477 512 452
> 473 601 593 466 345 ****
>
> 2011/08/06 15:23:03.86 [0.4.2.1] Ptr Adj: 015 -15 -14 003 015 003 004
> 003 000 001 000 007 <<<< This line shows the symbol sync tracking on a
> symbol by symbol basis.****
>
> ****
>
> I know it looks like gibberish to most but those distance numbers in the
> matrix show the decoding. See the 025 at the end of the DistACK line? That
> confirms how well the ACK sync was detected...a “distance” of < 100 is a
> good decode ****
>
> ****
>
> I don’t expect casual users to be able to interpret these things but all
> that is needed is to include the V4 TNC debug log AS AN ATTACHMENT with some

> time pointer...the UTC Time (notice the time is logged to the nearest 10 ms
> in the log snippet above) so I can efficiently zero in on the area without
> wading through many KB of log data. At this stage of the development this
> by far the most productive way to proceed.****
>
> ****
>
> 73,****
>
> ****
>
> Rick KN6KB****
>
> ****
>
> ****
>
> *From:* K6KAR <kirk.harding@...> ****
>
> *Sent:* Sunday, August 07, 2011 7:01 AM****
>
> *To:* V4Protocol@yahoogroups.com ****
>
> *Cc:* kc3ol@... ****
>
> *Subject:* RE: [V4Protocol] Flex settings.****
>
> ****
>
> ****
>
> *Rick,*****
>
> *As an experiment, I picked 44100 based upon an article I read in the Flex
> Knowledge base. See:
> http://kc.flexradio.com/KnowledgebaseArticle50504.aspx However, making
> this setting didn’t help or effect the ability for ARQ ops. Nonetheless, I
> will adjust the VAC assignment back to 48000. *****
>
> *You make mention that “others have had success using various Flex models
> for both V4 and WINMOR. I know two Flex Radio users who have had success
> with WINMOR. Myself and Ted- KC3OL. Ted uses a SDR-1000 and I use the
> Flex-5000A. Ted and I have tested and continue to test V4. We have never
> been successful using V4 with ARQ. If you could be specific as to who those
> “Others” are we sure would like to talk with them. *****
>
> *Kirk, K6KAR*****
>
> *Niceville, FL*****
>

> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Rick Muething
> *Sent:* Saturday, August 06, 2011 7:20 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Flex settings.****
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>
> Others have had success using various flex models for both V4 and WINMOR
> (both have the same sample and playback rates).****
>
> Rick KN6KB****
>
> *From:* K6KAR <kirk.harding@...> ****
>
> *Sent:* Saturday, August 06, 2011 5:00 PM****
>
> *To:* V4Protocol@yahoogroups.com ****
>
> *Subject:* RE: [V4Protocol] Flex settings.****
>
> ****
>
> *Rick,*****
>
> *The only problem is that I’ve still be unable to have a two way (ARQ)
> QSO. I’m probably not asking this question correctly but as you can see I
> have my sample rate set to 44100. Is the correct sample rate for V4?*****
>
> *Kirk, K6KAR*****
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@...m] *On
> Behalf Of *Rick Muething
> *Sent:* Saturday, August 06, 2011 2:33 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Flex settings.****
>
> ****
>
> Thanks,****
>
> I’ll include this in the next help release.****
>

> Rick KN6KB****
>
> *From:* mailto:kirk.harding@cox.net <kirk.harding@...> ****
>
> *Sent:* Saturday, August 06, 2011 1:28 PM****
>
> *To:* V4Protocol@yahoogroups.com ****
>
> *Subject:* [V4Protocol] Flex settings.****
>
> ****
>
> Rig type Flex-5000A
> Computer - Intel I7 2.8Ghz OS Win7 X32 Ultimate
> Virtual Cable Control Settings (VAC):
> SR 12000 - 44100
> BPS 8 -16
> Max Inst. 2 Ms per inst. 1
> Streeam Cable Range
> Volumn Control is checked
> PWSDR Version 2.2.1 (beta)
> Audio Primary Buffer 1024
> Sample Rate 192000
> VAC settings in F5K
> Driver windows - WDM-KS
> Input VAC 1
> Output VAC 2
> Buffer Size 512
> Sample Rate 44100
> Latency (manual) 20ms
>
> Latency indicated in V4 - 157 > 180ms
>
> Any questions, please contact me at
mailto:kirk.harding%40cox.net<kirk.harding%40cox.net>
> ****
> ------------------------------
>
> No virus found in this message.
> Checked by AVG - www.avg.com
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> *
> ------------------------------
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> Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11***
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>
>
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> You cannot change history, but you can make history !
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> incurable.****
>
> ** **
>
> ****
>
>
>

--
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incurable.

1548. Re: [V4Protocol] Flex settings.

Yahoo group: V4Protocol
Date: 2011-08-07 14:27:39 UTC
From: Rick Muething
Topic: 1521 Message: 1548

Thanks Kirk,

Sometimes I get behind on processing requests and analyzing debug logs. It can take an hour or more of pouring through a debug log. Some days I get several often with little annotation or pointers as to where or what the problem observed was.

I'll gladly take a look. I am in the process now of gather some stats from my "local" connection across the desk through the HF Simulator. It allows a long and repeatable test and a way to gather good statistics.

Rick KN6KB

1549. Scrlloing

Yahoo group: V4Protocol
Date: 2011-08-07 14:34:53 UTC
From: Fred G -w1wyc
Topic: 1549 Message: 1549

Hiya Rick,

I was in QSO this morning with John, W2KI. V4Protocol worked fine. However, I believe there was
another station on the frequency that made for more re-tries. I thought that I had not received
part of John's comments but I had. The problem was that the V4 did not scroll to the bottom of the window. I didn't realize this until I looked at the scroll bar on the right and noticed there
was more info that I hadn't seen. No big deal but thought I'd mention it. Just something to watch
for.

73,
Fred, W1WYC

1550. Re: [V4Protocol] Scrlloing

Yahoo group: V4Protocol
Date: 2011-08-07 14:55:25 UTC
From: Curt Nixon
Topic: 1549 Message: 1550

Yes Fred:

I've seen that a lot also. Looks like nothing rcvd, then DOH!

Curt
KU8L

Fred G -w1wyc wrote:
>
> Hiya Rick,
> I was in QSO this morning with John, W2KI. V4Protocol worked fine.
> However, I believe there was
> another station on the frequency that made for more re-tries. I
> thought that I had not received
> part of John's comments but I had. The problem was that the V4 did not
> scroll to the bottom
> of the window. I didn't realize this until I looked at the scroll bar
> on the right and noticed there
> was more info that I hadn't seen. No big deal but thought I'd mention
> it. Just something to watch
> for.
> 73,
> Fred, W1WYC
>

1551. 4.4 access blocked by Avast

Yahoo group: V4Protocol
Date: 2011-08-07 14:56:58 UTC
From: obrienaj
Topic: 1551 Message: 1551

My virus protection is blocking the site. Will disable and pray...

Andy K3UK

1552. Re: [V4Protocol] Scrlloing

Yahoo group: V4Protocol
Date: 2011-08-07 15:02:36 UTC
From: Fred G -w1wyc
Topic: 1549 Message: 1552

I meant to mention to Rick that it occurs in ARQ connected mode with Black
Rich characters. It doesn't seem to happen
when not connected.

Thanks for covering my back Curt. I looked thru the help files for some info
that I can control scrolling but didn't see anything.

Maybe we'll catch up on 14073 dial sometime. Bands aren't too good into W1
land today.
73 & GD DX,
Fred, W1WYC

----- Original Message -----
From: "Curt Nixon" <captcurt@...>
To: <V4Protocol@yahoogroups.com>
Sent: Sunday, August 07, 2011 10:55 AM
Subject: Re: [V4Protocol] Scrlloing

> Yes Fred:
>
> I've seen that a lot also. Looks like nothing rcvd, then DOH!
>
> Curt
> KU8L
>
> Fred G -w1wyc wrote:
>>
>> Hiya Rick,
>> I was in QSO this morning with John, W2KI. V4Protocol worked fine.
>> However, I believe there was
>> another station on the frequency that made for more re-tries. I
>> thought that I had not received
>> part of John's comments but I had. The problem was that the V4 did not
>> scroll to the bottom
>> of the window. I didn't realize this until I looked at the scroll bar
>> on the right and noticed there
>> was more info that I hadn't seen. No big deal but thought I'd mention
>> it. Just something to watch
>> for.
>> 73,
>> Fred, W1WYC
>>
>
>
> ------------------------------------
>

> Yahoo! Groups Links
>
>
>

1553. Re: [V4Protocol] Scrlloing

Yahoo group: V4Protocol
Date: 2011-08-07 15:20:54 UTC
From: Rick Muething
Topic: 1549 Message: 1553

Yes I have observed that...Its just the Session text box is not auto scrolling (nothing is really AUTO in programming unless you tell it to be!!!). There is a trade off here though....if you auto scroll with each new input (keeping the newest at the bottom of the screen) then it is cumbersome to manually scroll back up (e.g. to re read past text) since each new received data will scroll back to the bottom. Maybe putting some delay on the auto scrolling...say waiting 10 seconds after a manual scroll would work. I'll have to think about that. Its really just GUI fluff but I agree it is sometimes annoying to not see the data as it comes in.

Rick KN6KB

From: Fred G -w1wyc
Sent: Sunday, August 07, 2011 11:02 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Scrlloing

I meant to mention to Rick that it occurs in ARQ connected mode with Black
Rich characters. It doesn't seem to happen
when not connected.

Thanks for covering my back Curt. I looked thru the help files for some info
that I can control scrolling but didn't see anything.

Maybe we'll catch up on 14073 dial sometime. Bands aren't too good into W1
land today.
73 & GD DX,
Fred, W1WYC

----- Original Message -----
From: "Curt Nixon" <mailto:captcurt%40flash.net>
To: <mailto:V4Protocol%40yahoogroups.com>
Sent: Sunday, August 07, 2011 10:55 AM
Subject: Re: [V4Protocol] Scrlloing

> Yes Fred:
>
> I've seen that a lot also. Looks like nothing rcvd, then DOH!
>
> Curt
> KU8L
>
> Fred G -w1wyc wrote:
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>> However, I believe there was
>> another station on the frequency that made for more re-tries. I

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>> part of John's comments but I had. The problem was that the V4 did not
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>> of the window. I didn't realize this until I looked at the scroll bar
>> on the right and noticed there
>> was more info that I hadn't seen. No big deal but thought I'd mention
>> it. Just something to watch
>> for.
>> 73,
>> Fred, W1WYC
>>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1391 / Virus Database: 1520/3818 - Release Date: 08/07/11

1554. Re: [V4Protocol] Scrlloing

Yahoo group: V4Protocol
Date: 2011-08-07 15:31:10 UTC
From: Fred G -w1wyc
Topic: 1549 Message: 1554

I'm sure its something I'll get used to. This was my third QSO on V4. Two were with Ray, KB0E. Unfortunately I was new
to this and had problems understanding the ISS>IRS and IRS>ISS changeover. We also had interference from another
station on the frequency. Hopefully propagation improves soon.

But I'm learning. Thanks for a neat communications package Rick,

Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 07, 2011 11:20 AM
Subject: Re: [V4Protocol] Scrlloing

Yes I have observed that...Its just the Session text box is not auto scrolling (nothing is really AUTO in programming unless you tell it to be!!!). There is a trade off here though....if you auto scroll with each new input (keeping the newest at the bottom of the screen) then it is cumbersome to manually scroll back up (e.g. to re read past text) since each new received data will scroll back to the bottom. Maybe putting some delay on the auto scrolling...say waiting 10 seconds after a manual scroll would work. I'll have to think about that. Its really just GUI fluff but I agree it is sometimes annoying to not see the data as it comes in.

Rick KN6KB

From: Fred G -w1wyc
Sent: Sunday, August 07, 2011 11:02 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Scrlloing

I meant to mention to Rick that it occurs in ARQ connected mode with Black
Rich characters. It doesn't seem to happen
when not connected.

Thanks for covering my back Curt. I looked thru the help files for some info
that I can control scrolling but didn't see anything.

Maybe we'll catch up on 14073 dial sometime. Bands aren't too good into W1
land today.
73 & GD DX,
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----- Original Message -----
From: "Curt Nixon" <mailto:captcurt%40flash.net>
To: <mailto:V4Protocol%40yahoogroups.com>

Sent: Sunday, August 07, 2011 10:55 AM
Subject: Re: [V4Protocol] Scrlloing

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>> thought that I had not received
>> part of John's comments but I had. The problem was that the V4 did not
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>> of the window. I didn't realize this until I looked at the scroll bar
>> on the right and noticed there
>> was more info that I hadn't seen. No big deal but thought I'd mention
>> it. Just something to watch
>> for.
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>> Fred, W1WYC
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>
> ------------------------------------
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> Yahoo! Groups Links
>
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>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1391 / Virus Database: 1520/3818 - Release Date: 08/07/11

1555. Re: [V4Protocol] Scrlloing

Yahoo group: V4Protocol
Date: 2011-08-07 15:47:56 UTC
From: Curt Nixon
Topic: 1549 Message: 1555

HI Fred..No problem. Sometimes its good to get corroboration from another user so it is less likely it is pilot error. No guarantees tho :)

It happens here in all modes...FEC, ARQ..I usually leave the setup monitoring in FEC mode and it does it alot. At first I thought perhaps when the PC went to screen saver it caused it, but it does it while I am there watching also.

Condx have been sooo poor lately. We'll connect soon.

Thanks

Curt
KU8L

Fred G -w1wyc wrote:
>
> I meant to mention to Rick that it occurs in ARQ connected mode with
> Black
> Rich characters. It doesn't seem to happen
> when not connected.
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> Thanks for covering my back Curt. I looked thru the help files for
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> that I can control scrolling but didn't see anything.
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> ----- Original Message -----
> From: "Curt Nixon" <captcurt@... <mailto:captcurt%40flash.net>>
> To: <V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>>
> Sent: Sunday, August 07, 2011 10:55 AM
> Subject: Re: [V4Protocol] Scrlloing
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> > Yes Fred:
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> >>
> >> Hiya Rick,
> >> I was in QSO this morning with John, W2KI. V4Protocol worked fine.
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> >> scroll to the bottom
> >> of the window. I didn't realize this until I looked at the scroll bar
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> >> 73,
> >> Fred, W1WYC
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> > Yahoo! Groups Links
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1556. RE: [V4Protocol] Flex settings.

Yahoo group: V4Protocol
Date: 2011-08-07 16:06:37 UTC
From: K6KAR
Topic: 1521 Message: 1556

Ted,

When you check VAC volume control and use DIGU or DIGL; this will give you direct ability to control (I/O) how much audio you are running through VAC. As for an example, let's say you are receiving V4 but the audio isn't quite high enough as indicated by the V4 signal strength indicator. Let's also say that your Flex receive controls are set at the point you find most comfortable. Now, all you have to do is use the DIGU (RX Gain) slider and increase received gain to V4. Using the DIGU/L sliders will allow you to control the I/O levels verses having to tweak setup values. Similarly, you can control transmit output by using the TX Gain slider. Obviously, this discussion is a little beyond the scope and intent of the V4 reflector. If I've thoroughly confused you, send me your telephone number. I'll call and walk you through it.

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ted Trostle
Sent: Sunday, August 07, 2011 9:11 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Flex settings.

Kirk I have had 1 QSO that was really good. I have had many OSO's start out OK, but they ended poorly when I timed out or the other station timed out and that was with V4 4.1 thru 4.3. No luck yet with the latest version 4.4

I believe I missed something about the VAC settings, perhaps you can point me to the answer...when I have the VAC volume control on I have no output. So what setting should I change or turn on?

Ted, WB2LOU

On Sun, Aug 7, 2011 at 9:21 AM, K6KAR <kirk.harding@...> wrote:

Ted,

Would you please expand upon "I have had only limited success." Have you ever accomplished an ARQ two way, QSO? I don't show ALC gain but will have to take a second look to see what ALC is present, if any. Most of my operation is digital so I'm very cognizant of problems caused by ALC. Anyway, your comment is a good one and one that I'll review on my system.

Having the VAC volume control enabled provides a little easier control of AF input and RF output when in DIGU or DIGL. Also, running sample rates at 44100 was an experiment. I'll be changing this back to 48000.

PWSDR version 2.2.1 is a beta release and hasn't yet been posted for general use. However, preliminary results are that it works very well and does have improved notch capability. It should be out shortly.

Thanks for your comments,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ted Trostle
Sent: Sunday, August 07, 2011 7:59 AM
To: V4Protocol@yahoogroups.com

Subject: Re: [V4Protocol] Flex settings.

I run the Flex 3000. I have had only limited success. One thing I have noted with the Flex radio is that the V4 performance can be impaired if the ALC is even 0 db. By monitoring the signal I hear distortion if the VAC TX Gain setting drives the ALC into 1 or 2 db. I set the PWSDR VAC TX Gain to limit the ALC to -1 db.

Under good propagation I have perfect contacts using RMS Express, so the V4 ARQ mode should work too, but again I believe performance overall is impacted by band conditions

Kirk my Flex settings are almost like those you posted earlier, except I have the VAC volume control disabled (unchecked) and all Sample Rates are 48000.

Where did you find PWSDR version 2.2 ?? I use version 2.1.5

Ted, WB2LOU.

On Sun, Aug 7, 2011 at 8:18 AM, Rick Muething <rmuething@...> wrote:

Kirk,

I would have to go back in the message history of the V4 group to pull out Flex users with success on V4 but I am pretty certain there are some. If the flex setup works with WINMOR the same setup should work with V4 (the latency limits are the same and the sample rates and playback rates are the same).

I can't emphasize enough the importance of the debug log. Comments like "We have never been successful using V4 with ARQ. " basically tell me very little. What WILL help me to find the problems you are seeing is something like this:

"Ted and I tried to connect at 2015 UTC. The attached V4 TNC debug logs from both our ends cover the period"

for example there is just one segment of the V4 TNC Debug log that tells the complete sync decode history for a frame. It looks like this:

2011/08/06 15:23:03.65 [0.4.2.1] New ARQ State: ISSSync

2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Raw Ptr Adj:7

2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Limited Ptr Adj:7 ID:2230 FEC:201 ACK:025 NAK:342 IDL:345

2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Successful Sync Distance History: FEC, ACK, NAK, IDL

2011/08/06 15:23:03.86 [0.4.2.1] DistFEC: 402 453 439 425 477 516 458 471 603 594 418 201

2011/08/06 15:23:03.86 [0.4.2.1] DistACK: 402 453 439 425 420 465 398 414 559 550 460 025 <<<< Notice the 025 here. It shows a good ACK decode

2011/08/06 15:23:03.86 [0.4.2.1] DistNAK: 402 453 439 425 477 464 393 413 561 545 356 342

2011/08/06 15:23:03.86 [0.4.2.1] DistIDL: 402 453 439 425 477 512 452 473 601 593 466 345

2011/08/06 15:23:03.86 [0.4.2.1] Ptr Adj: 015 -15 -14 003 015 003 004 003 000 001 000 007 <<<< This line shows the symbol sync tracking on a symbol by symbol basis.

I know it looks like gibberish to most but those distance numbers in the matrix show the decoding. See the 025 at the end of the DistACK line? That confirms how well the ACK sync was detected...a "distance" of < 100 is a good decode

I don't expect casual users to be able to interpret these things but all that is needed is to include the V4 TNC debug log AS AN ATTACHMENT with some time pointer...the UTC Time (notice the time is logged to the nearest 10 ms in the log snippet above) so I can efficiently zero in on the area without wading through many KB of log data. At this stage of the development this by far the most productive way to proceed.

73,

Rick KN6KB

From: K6KAR <mailto:kirk.harding@...>

Sent: Sunday, August 07, 2011 7:01 AM

To: V4Protocol@yahoogroups.com

Cc: kc3ol@...

Subject: RE: [V4Protocol] Flex settings.

Rick,

As an experiment, I picked 44100 based upon an article I read in the Flex Knowledge base. See: http://kc.flexradio.com/KnowledgebaseArticle50504.aspx However, making this

setting didn't help or effect the ability for ARQ ops. Nonetheless, I will adjust the VAC assignment back to 48000.

You make mention that "others have had success using various Flex models for both V4 and WINMOR. I know two Flex Radio users who have had success with WINMOR. Myself and Ted- KC3OL. Ted uses a SDR-1000 and I use the Flex-5000A. Ted and I have tested and continue to test V4. We have never been successful using V4 with ARQ. If you could be specific as to who those "Others" are we sure would like to talk with them.

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Saturday, August 06, 2011 7:20 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Flex settings.

The V4 software sets the sample rate of the sound card (or VAC) you have assigned to 48000 receive, 12000 playback. I would suggest not using the rate of 44100 anywhere in a SDR setup. Most sound cards are NOT accurate at that sample rate (we have tested a lot) the primary rates of 192000, 96000, 48000, and 12000 are almost always more accurate. Look at one of the recent posts for the Flex 1000 and Flex 5000 for samples.

Others have had success using various flex models for both V4 and WINMOR (both have the same sample and playback rates).

Rick KN6KB

From: K6KAR <mailto:kirk.harding@...>

Sent: Saturday, August 06, 2011 5:00 PM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] Flex settings.

Rick,

The only problem is that I've still be unable to have a two way (ARQ) QSO. I'm probably not asking this question correctly but as you can see I have my sample rate set to 44100. Is the correct sample rate for V4?

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Saturday, August 06, 2011 2:33 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Flex settings.

Thanks,

I'll include this in the next help release.

Rick KN6KB

From: mailto:kirk.harding@...

Sent: Saturday, August 06, 2011 1:28 PM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] Flex settings.

Rig type Flex-5000A
Computer - Intel I7 2.8Ghz OS Win7 X32 Ultimate
Virtual Cable Control Settings (VAC):
SR 12000 - 44100
BPS 8 -16
Max Inst. 2 Ms per inst. 1
Streeam Cable Range
Volumn Control is checked
PWSDR Version 2.2.1 (beta)
Audio Primary Buffer 1024
Sample Rate 192000
VAC settings in F5K
Driver windows - WDM-KS
Input VAC 1
Output VAC 2
Buffer Size 512
Sample Rate 44100
Latency (manual) 20ms

Latency indicated in V4 - 157 > 180ms

Any questions, please contact me at mailto:kirk.harding%40cox.net

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11

No virus found in this message.
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Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11

--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is
incurable.

--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is
incurable.

1557. V4

Yahoo group: V4Protocol
Date: 2011-08-07 16:24:51 UTC
From: Abel
Topic: 231 Message: 1557

Also V4 is blocked by AVAST antivirus at my end.
My settings : XP , P4 CPU 3.00GHz.
When PandaCloud in use V4 runs fine.
EA3AQS Abel.

1558. Re: [V4Protocol] Scrlloing

Yahoo group: V4Protocol
Date: 2011-08-07 16:28:52 UTC
From: Fred G -w1wyc
Topic: 1549 Message: 1558

Ok Curt,

Not having used V4 in the past I'm just not used to what to expect. It keeps this OLD mind moving Hi Hi.
I am going to learn how to spell SCROLLING tho.....
Did you see Rick's response ??

I tried RMS Winmor this morning but I couldn't get a connect. I'm assuming its propagation. Even my next door
neighbor DoC, W1EO wouldn't connect. He's about 7 air miles from me. We've had thunderstorms lately so
I'm assuming he shut down. I've been keeping an ear out so I can disconnect my antennas.

Be looking for you on 20.

Fred, W1WYC

----- Original Message -----
From: "Curt Nixon" <captcurt@...>
To: <V4Protocol@yahoogroups.com>
Sent: Sunday, August 07, 2011 11:47 AM
Subject: Re: [V4Protocol] Scrlloing

> HI Fred..No problem. Sometimes its good to get corroboration from
> another user so it is less likely it is pilot error. No guarantees tho :)
>
> It happens here in all modes...FEC, ARQ..I usually leave the setup
> monitoring in FEC mode and it does it alot. At first I thought perhaps
> when the PC went to screen saver it caused it, but it does it while I am
> there watching also.
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> Condx have been sooo poor lately. We'll connect soon.
>
> Thanks
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> Curt
> KU8L
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> Fred G -w1wyc wrote:
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>> I meant to mention to Rick that it occurs in ARQ connected mode with
>> Black
>> Rich characters. It doesn't seem to happen
>> when not connected.
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>> Thanks for covering my back Curt. I looked thru the help files for
>> some info
>> that I can control scrolling but didn't see anything.
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>> Maybe we'll catch up on 14073 dial sometime. Bands aren't too good
>> into W1
>> land today.
>> 73 & GD DX,
>> Fred, W1WYC
>>
>> ----- Original Message -----
>> From: "Curt Nixon" <captcurt@... <mailto:captcurt%40flash.net>>
>> To: <V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>>
>> Sent: Sunday, August 07, 2011 10:55 AM
>> Subject: Re: [V4Protocol] Scrlloing
>>
>> > Yes Fred:
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>> > I've seen that a lot also. Looks like nothing rcvd, then DOH!
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>> > Curt
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>> > Fred G -w1wyc wrote:
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>> >> Hiya Rick,
>> >> I was in QSO this morning with John, W2KI. V4Protocol worked fine.
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> Yahoo! Groups Links
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1559. Re: [V4Protocol] Flex settings.

Yahoo group: V4Protocol
Date: 2011-08-07 16:56:44 UTC
From: Ted Trostle
Topic: 1521 Message: 1559

Yes while this is a bit "beyond the scope of the V4 reflector" other Flexers may need the info.

OK I found the problem...enabling the VAC volume control conflicts with the sound card mixer in my PC. So by disabling the volume control, I have access to audio and TX Gain via the VAC panel in PWSDR...the other way means I have to get into the mixer settings and I would rather leave it set where it is balanced such I can run other digi modes smoothly.

I did find my RX Gain settings was way too low for V4 so now I hope to do better.

Ted, WB2LOU

On Sun, Aug 7, 2011 at 12:06 PM, K6KAR <kirk.harding@...> wrote:

> **
>
>
> *Ted,*
>
> * *
>
> *When you check VAC volume control and use DIGU or DIGL; this will give
> you direct ability to control (I/O) how much audio you are running through
> VAC. As for an example, let’s say you are receiving V4 but the audio isn’t
> quite high enough as indicated by the V4 signal strength indicator. Let’s
> also say that your Flex receive controls are set at the point you find most
> comfortable. Now, all you have to do is use the DIGU (RX Gain) slider and
> increase received gain to V4. Using the DIGU/L sliders will allow you to
> control the I/O levels verses having to tweak setup values. Similarly, you
> can control transmit output by using the TX Gain slider. Obviously, this
> discussion is a little beyond the scope and intent of the V4 reflector. If
> I’ve thoroughly confused you, send me your telephone number. I’ll call and
> walk you through it.*
>
> * *
>
> *Kirk, K6KAR*
>
> * *
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Ted Trostle
> *Sent:* Sunday, August 07, 2011 9:11 AM
>

> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Flex settings.****
>
> ** **
>
> ****
>
> Kirk I have had 1 QSO that was really good. I have had many OSO's start out
> OK, but they ended poorly when I timed out or the other station timed out
> and that was with V4 4.1 thru 4.3. No luck yet with the latest version 4.4
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> I believe I missed something about the VAC settings, perhaps you can point
> me to the answer...when I have the VAC volume control on I have no output.
> So what setting should I change or turn on?
>
> Ted, WB2LOU****
>
> On Sun, Aug 7, 2011 at 9:21 AM, K6KAR <kirk.harding@...> wrote:****
>
> ****
>
> *Ted,*****
>
> * *****
>
> *Would you please expand upon “I have had only limited success.” Have you
> ever accomplished an ARQ two way, QSO? I don’t show ALC gain but will
> have to take a second look to see what ALC is present, if any. Most of my
> operation is digital so I’m very cognizant of problems caused by ALC.
> Anyway, your comment is a good one and one that I’ll review on my system.*
> ****
>
> *Having the VAC volume control enabled provides a little easier control of
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> 44100 was an experiment. I’ll be changing this back to 48000.*****
>
> * *****
>
> *PWSDR version 2.2.1 is a beta release and hasn’t yet been posted for
> general use. However, preliminary results are that it works very well and
> does have improved notch capability. It should be out shortly. *****
>
> * *****
>
> *Thanks for your comments,*****
>
> * *****
>
> *Kirk, K6KAR *****
>

> * *****
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Ted Trostle
> *Sent:* Sunday, August 07, 2011 7:59 AM
> *To:* V4Protocol@yahoogroups.com****
>
>
> *Subject:* Re: [V4Protocol] Flex settings.****
>
> ****
>
> ****
>
> I run the Flex 3000. I have had only limited success. One thing I have
> noted with the Flex radio is that the V4 performance can be impaired if the
> ALC is even 0 db. By monitoring the signal I hear distortion if the VAC TX
> Gain setting drives the ALC into 1 or 2 db. I set the PWSDR VAC TX Gain to
> limit the ALC to -1 db.
>
> Under good propagation I have perfect contacts using RMS Express, so the V4
> ARQ mode should work too, but again I believe performance overall is
> impacted by band conditions
>
> Kirk my Flex settings are almost like those you posted earlier, except I
> have the VAC volume control disabled (unchecked) and all Sample Rates are
> 48000.
>
> Where did you find PWSDR version 2.2 ?? I use version 2.1.5
>
> Ted, WB2LOU.****
>
> On Sun, Aug 7, 2011 at 8:18 AM, Rick Muething <rmuething@cfl.rr.com>
> wrote:****
>
> ****
>
> Kirk,****
>
> ****
>
> I would have to go back in the message history of the V4 group to pull out
> Flex users with success on V4 but I am pretty certain there are some. If
> the flex setup works with WINMOR the same setup should work with V4 (the
> latency limits are the same and the sample rates and playback rates are the
> same).****
>
> ****
>
> I can’t emphasize enough the importance of the debug log. Comments like “

> *We have never been successful using V4 with ARQ.* “ basically tell me
> very little. What WILL help me to find the problems you are seeing is
> something like this:****
>
> *“Ted and I tried to connect at 2015 UTC. The attached V4 TNC debug logs
> from both our ends cover the period”*****
>
> ****
>
> for example there is just one segment of the V4 TNC Debug log that tells
> the complete sync decode history for a frame. It looks like this:****
>
> ****
>
> 2011/08/06 15:23:03.65 [0.4.2.1] New ARQ State: ISSSync****
>
> 2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Raw Ptr Adj:7****
>
> 2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Limited Ptr Adj:7 ID:2230
> FEC:201 ACK:025 NAK:342 IDL:345****
>
> 2011/08/06 15:23:03.86 [0.4.2.1] [ProcessSymbol] Successful Sync Distance
> History: FEC, ACK, NAK, IDL****
>
> 2011/08/06 15:23:03.86 [0.4.2.1] DistFEC: 402 453 439 425 477 516 458
> 471 603 594 418 201 ****
>
> 2011/08/06 15:23:03.86 [0.4.2.1] DistACK: 402 453 439 425 420 465 398
> 414 559 550 460 025 <<<< Notice the 025 here. It shows a good ACK decode
> ****
>
> 2011/08/06 15:23:03.86 [0.4.2.1] DistNAK: 402 453 439 425 477 464 393
> 413 561 545 356 342 ****
>
> 2011/08/06 15:23:03.86 [0.4.2.1] DistIDL: 402 453 439 425 477 512 452
> 473 601 593 466 345 ****
>
> 2011/08/06 15:23:03.86 [0.4.2.1] Ptr Adj: 015 -15 -14 003 015 003 004
> 003 000 001 000 007 <<<< This line shows the symbol sync tracking on a
> symbol by symbol basis.****
>
> ****
>
> I know it looks like gibberish to most but those distance numbers in the
> matrix show the decoding. See the 025 at the end of the DistACK line? That
> confirms how well the ACK sync was detected...a “distance” of < 100 is a
> good decode ****
>
> ****
>

> I don’t expect casual users to be able to interpret these things but all
> that is needed is to include the V4 TNC debug log AS AN ATTACHMENT with some
> time pointer...the UTC Time (notice the time is logged to the nearest 10 ms
> in the log snippet above) so I can efficiently zero in on the area without
> wading through many KB of log data. At this stage of the development this
> by far the most productive way to proceed.****
>
> ****
>
> 73,****
>
> ****
>
> Rick KN6KB****
>
> ****
>
> ****
>
> *From:* K6KAR <kirk.harding@...> ****
>
> *Sent:* Sunday, August 07, 2011 7:01 AM****
>
> *To:* V4Protocol@yahoogroups.com ****
>
> *Cc:* kc3ol@... ****
>
> *Subject:* RE: [V4Protocol] Flex settings.****
>
> ****
>
> ****
>
> *Rick,*****
>
> *As an experiment, I picked 44100 based upon an article I read in the Flex
> Knowledge base. See:
> http://kc.flexradio.com/KnowledgebaseArticle50504.aspx However, making
> this setting didn’t help or effect the ability for ARQ ops. Nonetheless, I
> will adjust the VAC assignment back to 48000. *****
>
> *You make mention that “others have had success using various Flex models
> for both V4 and WINMOR. I know two Flex Radio users who have had success
> with WINMOR. Myself and Ted- KC3OL. Ted uses a SDR-1000 and I use the
> Flex-5000A. Ted and I have tested and continue to test V4. We have never
> been successful using V4 with ARQ. If you could be specific as to who those
> “Others” are we sure would like to talk with them. *****
>
> *Kirk, K6KAR*****
>

> *Niceville, FL*****
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Rick Muething
> *Sent:* Saturday, August 06, 2011 7:20 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Flex settings.****
>
> ****
>
> The V4 software sets the sample rate of the sound card (or VAC) you have
> assigned to 48000 receive, 12000 playback. I would suggest not using the
> rate of 44100 anywhere in a SDR setup. Most sound cards are NOT accurate at
> that sample rate (we have tested a lot) the primary rates of 192000, 96000,
> 48000, and 12000 are almost always more accurate. Look at one of the recent
> posts for the Flex 1000 and Flex 5000 for samples.****
>
> Others have had success using various flex models for both V4 and WINMOR
> (both have the same sample and playback rates).****
>
> Rick KN6KB****
>
> *From:* K6KAR <kirk.harding@...> ****
>
> *Sent:* Saturday, August 06, 2011 5:00 PM****
>
> *To:* V4Protocol@yahoogroups.com ****
>
> *Subject:* RE: [V4Protocol] Flex settings.****
>
> ****
>
> *Rick,*****
>
> *The only problem is that I’ve still be unable to have a two way (ARQ)
> QSO. I’m probably not asking this question correctly but as you can see I
> have my sample rate set to 44100. Is the correct sample rate for V4?*****
>
> *Kirk, K6KAR*****
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Rick Muething
> *Sent:* Saturday, August 06, 2011 2:33 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Flex settings.****
>
> ****
>
> Thanks,****
>

> I’ll include this in the next help release.****
>
> Rick KN6KB****
>
> *From:* mailto:kirk.harding@... <kirk.harding@...> ****
>
> *Sent:* Saturday, August 06, 2011 1:28 PM****
>
> *To:* V4Protocol@yahoogroups.com ****
>
> *Subject:* [V4Protocol] Flex settings.****
>
> ****
>
> Rig type Flex-5000A
> Computer - Intel I7 2.8Ghz OS Win7 X32 Ultimate
> Virtual Cable Control Settings (VAC):
> SR 12000 - 44100
> BPS 8 -16
> Max Inst. 2 Ms per inst. 1
> Streeam Cable Range
> Volumn Control is checked
> PWSDR Version 2.2.1 (beta)
> Audio Primary Buffer 1024
> Sample Rate 192000
> VAC settings in F5K
> Driver windows - WDM-KS
> Input VAC 1
> Output VAC 2
> Buffer Size 512
> Sample Rate 44100
> Latency (manual) 20ms
>
> Latency indicated in V4 - 157 > 180ms
>
> Any questions, please contact me at
mailto:kirk.harding%40cox.net<kirk.harding%40cox.net>
> ****
> ------------------------------
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11***
> *
> ------------------------------
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11***
> *

> ------------------------------
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1391 / Virus Database: 1520/3815 - Release Date: 08/06/11***
> *
>
>
>
> ****
>
>
> --
> You cannot change history, but you can make history !
> Education is the only legal cure for Ignorance. The Stupidity of many is
> incurable.****
>
> ****
>
>
>
>
> --
> You cannot change history, but you can make history !
> Education is the only legal cure for Ignorance. The Stupidity of many is
> incurable.****
>
> ** **
>
> ****
>
>
>

--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is
incurable.

1560. Re: 10131khz anyone?

Yahoo group: V4Protocol
Date: 2011-08-07 17:56:03 UTC
From: Dick Lamberson
Topic: 1560 Message: 1560

14073 is flakey for me - anyone want to try 10131? I'm there calling until about 1830Z - Thanks,
Dick, W4WEB

1561. Re: [V4Protocol] Scrlloing

Yahoo group: V4Protocol
Date: 2011-08-07 18:09:38 UTC
From: John Hirth
Topic: 1549 Message: 1561

If you click in the text entry portion of the window, the received text window in ARQ mode scrolls OK. Took me a while to find this. Of course, as soon as you click elsewhere, the scrolling stops.

Fred, I thought we were having far too many retries for your having such a great signal and scores. You had mentioned that my scores were also in the 90s, so I sent my logs to Rick.

All in all, 0.4.4.0 is MUCH better as far as protocol issues are concerned (i.e the ability to actually transfer data and change between ISS/IRS). I do find that the V4 narrow filter helps at my QTH, as does lowering the squelch/decode sensitivity to below the default 5. I seem to have to adjust the value depending on changes in band conditions, even during a QSO.

73, and thanks for everything, Rick. V4 is really coming together!

1562. Re: [V4Protocol] Re: 10131khz anyone?

Yahoo group: V4Protocol
Date: 2011-08-07 18:11:26 UTC
From: Chuck
Topic: 1560 Message: 1562

Dick, W4WEB, HI... I think all the bands are flakey right now with the solar flare occurring. I saw you on 14.073 this morning while monitoring on FEC.. I was not at the radio at the time but later tried a call with no results. I just tried 10.131 and no connect to your station on ARQ. Another day maybe.
73;
Chuck, WA7BRL
CN87ut

----- Original Message -----
From: "Dick Lamberson" sjbay.com>
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 7, 2011 10:56:03 AM
Subject: [V4Protocol] Re: 10131khz anyone?

14073 is flakey for me - anyone want to try 10131? I'm there calling until about 1830Z - Thanks,
Dick, W4WEB

1563. Re: [V4Protocol] Scrlloing

Yahoo group: V4Protocol
Date: 2011-08-07 18:32:25 UTC
From: Fred G -w1wyc
Topic: 1549 Message: 1563

Ok John,

Good to know about the scrolling. I'll give it a shot. Also about sending the logs to Rick. I'll see what I have down cellar which is where the radio is. I can copy the log files to this pc and then send them to Rick. I'll work at it. The times should correlate since the pc clock is sync'd from the internet.

Yup. your signal was very good and like you said the scores were in the 90's.

I've really just started using V4 so I can't say anything about previous releases.

Catch you again on 14073,
73,
Fred, W1WYC

----- Original Message -----
From: John Hirth
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 07, 2011 2:09 PM
Subject: Re: [V4Protocol] Scrlloing

If you click in the text entry portion of the window, the received text window in ARQ mode scrolls OK. Took me a while to find this. Of course, as soon as you click elsewhere, the scrolling stops.

Fred, I thought we were having far too many retries for your having such a great signal and scores. You had mentioned that my scores were also in the 90s, so I sent my logs to Rick.

All in all, 0.4.4.0 is MUCH better as far as protocol issues are concerned (i.e the ability to actually transfer data and change between ISS/IRS). I do find that the V4 narrow filter helps at my QTH, as does lowering the squelch/decode sensitivity to below the default 5. I seem to have to adjust the value depending on changes in band conditions, even during a QSO.

73, and thanks for everything, Rick. V4 is really coming together!

1564. Re: [V4Protocol] Re: 10131khz anyone?

Yahoo group: V4Protocol
Date: 2011-08-07 20:20:31 UTC
From: Dick Lamberson
Topic: 1560 Message: 1564

Hi Chuck - yes, you linked to my station and then timed out - so I tried to link to you but no go....
One of these days maybe ... bad band conditions to try to test a new release. Ha.
73 & thanks,
Dick

----- Original Message -----
From: Chuck
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 07, 2011 2:11 PM
Subject: Re: [V4Protocol] Re: 10131khz anyone?

Dick, W4WEB, HI... I think all the bands are flakey right now with the solar flare occurring. I saw you on 14.073 this morning while monitoring on FEC.. I was not at the radio at the time but later tried a call with no results. I just tried 10.131 and no connect to your station on ARQ. Another day maybe.
73;
Chuck, WA7BRL
CN87ut

----- Original Message -----
From: "Dick Lamberson" sjbay.com>
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 7, 2011 10:56:03 AM
Subject: [V4Protocol] Re: 10131khz anyone?

14073 is flakey for me - anyone want to try 10131? I'm there calling until about 1830Z - Thanks,
Dick, W4WEB

1565. No tx>rx latency display since feature available?

Yahoo group: V4Protocol
Date: 2011-08-07 21:07:19 UTC
From: ham
Topic: 1565 Message: 1565

I am running V4 version 0.4.4.0 and the latency display is absent in the TNC window when calling CQ in ARQ mode.

System details as follows:
Windows XP Pro with SP 3
IBM PC using Intel 3.1 Ghz Pentium 4

Anyone else having that display problem?

Version 0.4.4.0's state machine seems to quite deterministic now -- two solid QSOs with Ray, KB0E this morning.

73, Bernie

1566. Re: [V4Protocol] Scrlloing

Yahoo group: V4Protocol
Date: 2011-08-07 21:16:45 UTC
From: Fred G -w1wyc
Topic: 1549 Message: 1566

You're right. There have been times when I've wanted to look back at the received info and in order
to do so i have had to disable the input so I don't have any new data coming in. If as John says "With the cursor in the text
entry window the received text will scroll". That would be fine also.

Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 07, 2011 11:20 AM
Subject: Re: [V4Protocol] Scrlloing

Yes I have observed that...Its just the Session text box is not auto scrolling (nothing is really AUTO in programming unless you tell it to be!!!). There is a trade off here though....if you auto scroll with each new input (keeping the newest at the bottom of the screen) then it is cumbersome to manually scroll back up (e.g. to re read past text) since each new received data will scroll back to the bottom. Maybe putting some delay on the auto scrolling...say waiting 10 seconds after a manual scroll would work. I'll have to think about that. Its really just GUI fluff but I agree it is sometimes annoying to not see the data as it comes in.

Rick KN6KB

From: Fred G -w1wyc
Sent: Sunday, August 07, 2011 11:02 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Scrlloing

I meant to mention to Rick that it occurs in ARQ connected mode with Black
Rich characters. It doesn't seem to happen
when not connected.

Thanks for covering my back Curt. I looked thru the help files for some info
that I can control scrolling but didn't see anything.

Maybe we'll catch up on 14073 dial sometime. Bands aren't too good into W1
land today.
73 & GD DX,
Fred, W1WYC

----- Original Message -----
From: "Curt Nixon" <mailto:captcurt%40flash.net>
To: <mailto:V4Protocol%40yahoogroups.com>
Sent: Sunday, August 07, 2011 10:55 AM
Subject: Re: [V4Protocol] Scrlloing

> Yes Fred:
>
> I've seen that a lot also. Looks like nothing rcvd, then DOH!
>
> Curt
> KU8L
>
> Fred G -w1wyc wrote:
>>
>> Hiya Rick,
>> I was in QSO this morning with John, W2KI. V4Protocol worked fine.
>> However, I believe there was
>> another station on the frequency that made for more re-tries. I
>> thought that I had not received
>> part of John's comments but I had. The problem was that the V4 did not
>> scroll to the bottom
>> of the window. I didn't realize this until I looked at the scroll bar
>> on the right and noticed there
>> was more info that I hadn't seen. No big deal but thought I'd mention
>> it. Just something to watch
>> for.
>> 73,
>> Fred, W1WYC
>>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1391 / Virus Database: 1520/3818 - Release Date: 08/07/11

1567. Re: [V4Protocol] No tx>rx latency display since feature available?

Yahoo group: V4Protocol
Date: 2011-08-07 21:34:17 UTC
From: Rick Muething
Topic: 1565 Message: 1567

Read the help. You must have a received signal strength about halfway into the green on background noise to get a good T>R Latency measurement. I assume you are not working full duplex. The algorithm measures the time from PTT release until it sees background noise.

You don’t need to measure this every call...Once is fine unless you change major settings.

Rick KN6KB

From: ham
Sent: Sunday, August 07, 2011 5:07 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] No tx>rx latency display since feature available?

I am running V4 version 0.4.4.0 and the latency display is absent in the TNC window when calling CQ in ARQ mode.

System details as follows:
Windows XP Pro with SP 3
IBM PC using Intel 3.1 Ghz Pentium 4

Anyone else having that display problem?

Version 0.4.4.0's state machine seems to quite deterministic now -- two solid QSOs with Ray, KB0E this morning.

73, Bernie

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1391 / Virus Database: 1520/3818 - Release Date: 08/07/11

1568. Re: No tx>rx latency display since feature available?

Yahoo group: V4Protocol
Date: 2011-08-08 00:21:36 UTC
From: ham
Topic: 1565 Message: 1568

Thank you for the prompt reply, Rick.

I did re-read the help, ran some tests and indeed, the T>R latency bar does not display. I tried various settings on the audio into the soundcard to no avail.

Best we see if someone else has the issue. I am controlling PTT via COM1 using a homebrew opto-isolated interface.

Bernie, VE3FWF

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Read the help. You must have a received signal strength about halfway into the green on background noise to get a good T>R Latency measurement. I assume you are not working full duplex. The algorithm measures the time from PTT release until it sees background noise.
>
> You donâ☐☐t need to measure this every call...Once is fine unless you change major settings.
>
> Rick KN6KB
>
> From: ham
> Sent: Sunday, August 07, 2011 5:07 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] No tx>rx latency display since feature available?
>
>
> I am running V4 version 0.4.4.0 and the latency display is absent in the TNC window when calling CQ in ARQ mode.
>
> System details as follows:
> Windows XP Pro with SP 3
> IBM PC using Intel 3.1 Ghz Pentium 4
>
> Anyone else having that display problem?
>
----------SNIP----------

1569. RE: [V4Protocol] V4 Chat 0.4.4.0 Posted on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-08 01:03:53 UTC
From: Daniel V. Wolff, Jr.
Topic: 1525 Message: 1569

Impressive software, Rick. I had numerous successful QSO's with the new version of V4-Chat today. There were no problems and the links held solid down into the noise level for some very weak signal contacts. The link held when I couldn't even hear a signal from the distant station. Well done!

73,

Daniel V. Wolff, Jr.
DL4VCW / KA7AGN / AEM1WF (MARS)
<http://www.qsl.net/dl4vcw/> http://www.qsl.net/dl4vcw/

<http://www.qsl.net/ka7agn/> http://www.qsl.net/ka7agn/

<http://www.qsl.net/aem1wf/> http://www.qsl.net/aem1wf/

Classification: UNCLASSIFIED
Caveats: NONE

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kn6kb
Sent: Saturday, August 06, 2011 9:20 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Chat 0.4.4.0 Posted on Yahoo FTP

All,

This is a significant update that should solve some of the observed problems. Note also there is now a green Queue Data button which does essentially the same as the Ctrl + CR does.

Thanks to those that reported debug logs that helped me track down an error in the IRS>ISS logic.

Be sure and read the help files if there are questions.

As usual you will have to uninstall any existing version but no setup data wil lbe lost.

Good luck,

Rick KN6KB

Summary of changes since last release:

V4 Chat Revision History

Date: Rev Change Summary

Aug 6, 2011 0.4.4.0 Beta release of 0.4.3.1

Aug 5, 2011 0.4.3.1 Add Queue Data button (green on right) to mirror Ctrl + CR function
Add code to pickup call sign from selection in minilog to set target call sign via ARQ Call button
Remove Ctrl + C option for calling CQ or call sign (too confusing)..just use ARQ Call button
Add tool tip text to important buttons and text boxes.
Modify ARQ Call menu to eliminate reference to Ctrl + C
Update Help

V4 TNC Revision History

Date Rev # Summary ofChanges

Aug 6, 2011 0.4.4.0 Beta release of 0.4.3.2 no function changes to 0.4.3.2

Aug 6, 2011 0.4.3.2 Make important changes in mechanism of transition to IRS>ISS state. Using blnDataRcvdWhileIRS
should prevent possible IRS>ISS embrace observed.
Add Bandpass filtering using BPF1500B in SearchForAMLeader47B2 if filter currently not selected.
Data filtering and waterfall is still based on Filter setting. This improves sync detect accuracy.
Modify backcolor and text of Send CW ID to show if FSK CW is being used.
Update help.

Aug 4, 2011 0.4.3.1 Make backcolor of latency measurement green if <= 250 ms or red if > 250 ms
Modify SearchForAMLeader47B to use narrow filter on envelope for symbol framing.
Fix possible repeat of CW ID using blnSendingCWID
Add tool tip text

1570. Re: NO JOY WITH ARQ VER 0.4.4.0

Yahoo group: V4Protocol
Date: 2011-08-08 02:16:53 UTC
From: Chris
Topic: 1537 Message: 1570

Hi Ron,

Happy to report I now have my friend Clive ZL1FZ on board with V4 and we have had some successful ARQ and FEC contacts on 14073 in spite of quite a difficult path (weak signals) between us. I look forward to working some VK's and further afield in the near future.

Ron, your work on a new ARQ chat system fills a reall need I believe and is highly appreciated. It should give PSK31 users an interesting alternative. And provide much better performance on the lower bands, polar paths, etc.

Just wondering if you would consider the following future enhancements:

1) An an option allow the ISS operator to decide when the link is turned over? As things are now any pause in typing results in the ISS having his "over" cut short. Likewise the ability for the RSS to force a premature turnover if/when needed?

2) An "echo as sent" option whereby the text entered by the ISS gets copied to the recieve pane only if/when it is acked/printedby the RSS. And something similar in FEC mode except that the characters would be copied across as they were actually sent to air.

3) Auto fall-back to FEC if ARQ drops out?

4) Any way that V4 could calculate and display propagation delay? The BMK multi software based Amtor/Pactor package attempted this.

5) With todays CAT controlled rigs maybe RF power could be dynamically controlled in ARQ to the minimum needed?

6) Is the ARQ/FEC mode button really necessary? Could the system not fall back to FEC whenever a link is not active? And be ready to link whenever a connect (to my station) message is detected? Likewise, if any data is sent via the cntrl-ent command could it not automatically be sent as FEC if no link and as ARQ if there is a link?

73, Chris ZL1BOE

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> John/All,
>
> Your Outgoing Queue won't show up on the count until you are the ISS. The data is still there in a buffer but it is not UNTIL you are the ISS that the count is shown and begins to count down. This is all to insure that when you are the IRS you don't try and switch to the ISS UNTIL the ISS sends an IDL indicating he is done. Its just the same as a conversation...there should only be one talker at a time.
>
> The data is sent the same in FEC mode as in ARQ mode. the only difference is that ARQ mode requires that the sync contains the proper session ID (an 8 bit number derived from the two connected call signs) If you can copy in FEC mode but not in ARQ mode I need to see

your V4 TNC debug log. That tells me volumes more than any word description.... Programming especially this protocol development is ALL about details.... That is what the debug log is for. Send the V4 debug log AS AN ATTACHMENT to me directly with some indication (UTC time and description) of what you observed.
>
> 73,
> Rick KN6KB
>

1571. Re: [V4Protocol] Re: NO JOY WITH ARQ VER 0.4.4.0

Yahoo group: V4Protocol
Date: 2011-08-08 05:31:11 UTC
From: Rick Muething
Topic: 1537 Message: 1571

Chris,
Thanks for the feedback. To address your questions:

1) An an option allow the ISS operator to decide when the link is turned over? As things are now any pause in typing results in the ISS having his "over" cut short. Likewise the ability for the RSS to force a premature turnover if/when needed?

The link is now turned over ONLY when:
The ISS has no data pending OB queue = 0 AND The IRS Does have data pending OB queue not 0. This is what allows a “chat” back and forth operation. If the ISS can block the changeover even if it has 0 data pending then the IRS can’t ever send.

You don’t need the IRS to force a turnover unless you implement the block above. If allowed that also causes a problem...what do you do with the unsent data in the ISS queue (Dump it? Wait until he is ISS again? Its all possible but I think can be very confusing to users which sometimes seem to have enough difficult with just the whole ARQ and IRS<>ISS concept.

2) An "echo as sent" option whereby the text entered by the ISS gets copied to the recieve pane only if/when it is acked/printedby the RSS. And something similar in FEC mode except that the characters would be copied across as they were actually sent to air.

I have a plan for this but it is tricky code. The best way is to change the font of the buffered text (the text that is now blue italic in the Session window) as the text is confirmed received. (if you just displayed it when sent or ACKed you couldn’t read what you had queued). for example the Blue italic text could be changed to Blue Italic bold as the sent characters are ACKed. This is doable and will work well but is not trivial code so I have put it off until we get the bugs (yes there are still some!) flushed out of the protocol . This is the area of GUI “fluff” and while nice takes a back seat to real problems.

3) Auto fall-back to FEC if ARQ drops out?

ARQ mode does display just like FEC if not connected. It is sending that is different. You could automatically send just FEC if you tried to send and weren’t connected but this might be more confusing to users. I would want to get a lot more feed back on something like that.

4) Any way that V4 could calculate and display propagation delay? The BMK multi software based Amtor/Pactor package attempted this.

Not practically with the timers and interrrupt resolution of the program and Windows. look at a typical 2000 mile path. That is something like 11 ms. The latency of the sound card, sound card interrupts, OS latency can all be considerably larger that 11 ms. So in practice you would be measuring the width of human hairs with a yardstick!

5) With todays CAT controlled rigs maybe RF power could be dynamically controlled in ARQ to the minimum needed?

Yes that is possible but the issue is this. In most cases with all things digital throughput (after FEC) is a function of signal quality (strength and distortion). You can lower the power but then unless the signals are very strong the throughput will also go down. (this all goes back to Shannon who related Channel capacity to S/N). I would say it would be more relevant if we were all running a KW but most are using 50 Watts or less. Dropping the signal say to 5 watts would make a significant impact on throughput in most typical channels.

6) Is the ARQ/FEC mode button really necessary? Could the system not fall back to FEC whenever a link is not active? And be ready to link whenever a connect (to my station) message is detected? Likewise, if any data is sent via the cntrl-ent command could it not automatically be sent as FEC if no link and as ARQ if there is a link?

This is really the same as 3) . It is possible to do it this way (receive already works this way) but I am concerned others using FEC can get confused. Maybe others would like to comment? This is not in the GUI fluff category but is an impact on the way users use the program. It is an easy program change to do this but it could cause confusion. E.g. You are for example “chatting” in a group of 3 with FEC. Then someone calls you on ARQ and you connect automatically. That disturbs and takes over your FEC session. One thing to remember: YOU CAN’T have simultaneous sessions running on the same frequency and expect success. It just like CW and SSB....One QSO on a frequency.

Thanks for the feedback and observations.

Rick KN6KB

1572. Success with 0.4.4.0

Yahoo group: V4Protocol
Date: 2011-08-08 13:57:54 UTC
From: Terry
Topic: 1572 Message: 1572

Hi Ulf (OH6XI)

Many thanks for my first complete V4 ARQ QSO on 14.073 MHz. There were many repeats but the messages got through OK. Here 100W and dipole.

73 Terry GW0EZY

And thanks to Rick for the S/W.

1573. Re: No tx>rx latency display since feature available?

Yahoo group: V4Protocol
Date: 2011-08-08 17:23:33 UTC
From: ham
Topic: 1565 Message: 1573

Problem solved!

Rick, you might want to add a note in the help file. "If you are having problems getting the tx>rx latency measurement to display in the TNC window, temporarily disable the noise reduction feature on your radio, if enabled"

The following are tx>rx latencies that I measured:
-ICOM IC-735 using CAT running at 1200 bps: 80ms
-ICOM IC-746PRO using CAT running at 9600 bps: 47ms
-ICOM IC-746PRO using COM1 direct: 47ms

73, Bernie
--- In V4Protocol@yahoogroups.com, "ham" <ve3fwf@...> wrote:
>
>
>
>
>
>
> Thank you for the prompt reply, Rick.
>
> I did re-read the help, ran some tests and indeed, the T>R latency bar does not display. I tried various settings on the audio into the soundcard to no avail.
>
> Best we see if someone else has the issue. I am controlling PTT via COM1 using a homebrew opto-isolated interface.
>
> Bernie, VE3FWF
>
> --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> >
> > Read the help. You must have a received signal strength about halfway into the green on background noise to get a good T>R Latency measurement. I assume you are not working full duplex. The algorithm measures the time from PTT release until it sees background noise.
> >
> > You donâ☐☐t need to measure this every call...Once is fine unless you change major settings.
> >
> > Rick KN6KB
> >
> > From: ham
> > Sent: Sunday, August 07, 2011 5:07 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] No tx>rx latency display since feature available?
> >
> >

> > I am running V4 version 0.4.4.0 and the latency display is absent in the TNC window when calling CQ in ARQ mode.
> >
> > System details as follows:
> > Windows XP Pro with SP 3
> > IBM PC using Intel 3.1 Ghz Pentium 4
> >
> > Anyone else having that display problem?
> >
> ----------SNIP----------
>

1574. Successful Vchat 0.4.4.0 qso with AE6LA Ken

Yahoo group: V4Protocol
Date: 2011-08-08 17:27:54 UTC
From: Demetrius Panaioti
Topic: 1574 Message: 1574

Connected to AE6LA at 02:51:45 on Aug 8 Z.
Ended at about 03:09Z
Noise level at VE7CRT was S1. AE6LA signal at VE7CRT S1 to S2.
Clear, consistent printing of received signals.
T>R latency was high 200ms to 250+ms. with the Vista 64 bit system.
Updated O/S to Windows 7 after qso. T/R latency with Windows 7 dropped by at least 50 ms.

Computer system: Intel core 2 duo T6400 @2.0GHz. 4GB(3.87 usable) of memory.

Latest version of V4 Chat performed flawlessly under difficult conditions.

1575. V4 Chat 0.4.4.0 - sucess at last

Yahoo group: V4Protocol
Date: 2011-08-08 17:57:32 UTC
From: Peter
Topic: 1575 Message: 1575

Hello everybody,

after many weeks of trying V4 Chat I have finally made a connect that lasted for more than a minute and which allowed me to exchange information with another station. Using the latest version I have just had a good 2-way ARQ contact with Tommi OH7JJT that lasted for 20 mins. At times we had strong qrm from a Hellschreiber signal just off frequency but remained connected.

I have been using digi modes for very many years and have a set up that works extremely well with every digi mode in current use. It has been very frustrating to hear signals that would have given 100% copy on any other mode and not being able to connect reliably to them.

My feelings during the weeks of tribulation were that the signal quality specifications given in the help file were far too onerous for stations like mine with modest power and poor wire antennas to stand any chance of making a contact. Band conditions are particularly poor and in nearly 60 years on the air I can not remember them being quite so bad at this phase of the sunspot cycle. Strong, stable, noise and interference free signals on 20m are but a pipe dream at this qth at the present time.

From my experience this evening, V4 Chat 0.4.4.0 has achieved a big improvement in robustness and I now look forward to making some more solid contacts with this mode.

Hopefully the improvement in reliability will encourage more activity.

73 Peter G3JFS

1576. Re: [V4Protocol] Re: No tx>rx latency display since feature available?

Yahoo group: V4Protocol
Date: 2011-08-08 18:49:20 UTC
From: Rick Muething
Topic: 1565 Message: 1576

Thanks Bernie. That makes good sense...it requires some noise level to detect (pretty hard to detect nothing!). I'll include that in the help.

Rick KN6KB

1577. Re: NO JOY WITH ARQ VER 0.4.4.0

Yahoo group: V4Protocol
Date: 2011-08-08 20:51:14 UTC
From: la7um
Topic: 1537 Message: 1577

Section 6. I would think it is better to have full manual control wether being ready for an incoming ARQ connect or Reading Fec round table Broadcasts. 73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Chris,
> Thanks for the feedback. To address your questions:
>
> 1) An an option allow the ISS operator to decide when the link is turned over? As things are now any pause in typing results in the ISS having his "over" cut short. Likewise the ability for the RSS to force a premature turnover if/when needed?
>
> The link is now turned over ONLY when:
> The ISS has no data pending OB queue = 0 AND The IRS Does have data pending OB queue not 0. This is what allows a â□□chatâ□□ back and forth operation. If the ISS can block the changeover even if it has 0 data pending then the IRS canâ□□t ever send.
>
> You donâ□□t need the IRS to force a turnover unless you implement the block above. If allowed that also causes a problem...what do you do with the unsent data in the ISS queue (Dump it? Wait until he is ISS again? Its all possible but I think can be very confusing to users which sometimes seem to have enough difficult with just the whole ARQ and IRS<>ISS concept.
>
>
> 2) An "echo as sent" option whereby the text entered by the ISS gets copied to the recieve pane only if/when it is acked/printedby the RSS. And something similar in FEC mode except that the characters would be copied across as they were actually sent to air.
>
> I have a plan for this but it is tricky code. The best way is to change the font of the buffered text (the text that is now blue italic in the Session window) as the text is confirmed received. (if you just displayed it when sent or ACKed you couldnâ□□t read what you had queued). for example the Blue italic text could be changed to Blue Italic bold as the sent characters are ACKed. This is doable and will work well but is not trivial code so I have put it off until we get the bugs (yes there are still some!) flushed out of the protocol . This is the area of GUI â□□fluffâ□□ and while nice takes a back seat to real problems.
>
> 3) Auto fall-back to FEC if ARQ drops out?
>
> ARQ mode does display just like FEC if not connected. It is sending that is different. You could automatically send just FEC if you tried to send and werenâ□□t connected but this might be more confusing to users. I would want to get a lot more feed back on something like that.
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> 4) Any way that V4 could calculate and display propagation delay? The BMK multi software based Amtor/Pactor package attempted this.
>
> Not practically with the timers and interrrupt resolution of the program and Windows. look at a typical 2000 mile path.

That is something like 11 ms. The latency of the sound card, sound card interrupts, OS latency can all be considerably larger that 11 ms. So in practice you would be measuring the width of human hairs with a yardstick!
>
> 5) With todays CAT controlled rigs maybe RF power could be dynamically controlled in ARQ to the minimum needed?
>
> Yes that is possible but the issue is this. In most cases with all things digital throughput (after FEC) is a function of signal quality (strength and distortion). You can lower the power but then unless the signals are very strong the throughput will also go down. (this all goes back to Shannon who related Channel capacity to S/N). I would say it would be more relevant if we were all running a KW but most are using 50 Watts or less. Dropping the signal say to 5 watts would make a significant impact on throughput in most typical channels.
>
>
> 6) Is the ARQ/FEC mode button really necessary? Could the system not fall back to FEC whenever a link is not active? And be ready to link whenever a connect (to my station) message is detected? Likewise, if any data is sent via the cntrl-ent command could it not automatically be sent as FEC if no link and as ARQ if there is a link?
>
> This is really the same as 3) . It is possible to do it this way (receive already works this way) but I am concerned others using FEC can get confused. Maybe others would like to comment? This is not in the GUI fluff category but is an impact on the way users use the program. It is an easy program change to do this but it could cause confusion. E.g. You are for example â□□chattingâ□□ in a group of 3 with FEC. Then someone calls you on ARQ and you connect automatically. That disturbs and takes over your FEC session. One thing to remember: YOU CANâ□□T have simultaneous sessions running on the same frequency and expect success. It just like CW and SSB....One QSO on a frequency.
>
> Thanks for the feedback and observations.
>
> Rick KN6KB
>

1578. V4 here in Arctic Polar Circle

Yahoo group: V4Protocol
Date: 2011-08-09 09:19:34 UTC
From: Juhani
Topic: 1578 Message: 1578

Hello! Last version of V4 working quite good: tested on 40m by OH7JJT few times. Interface is "poor" because beta version and some "re-send" like ping-pong effect observed.
I'm on 14073 soon and later 7045. Also my friend OH7JJT will be QRV -om Tommi have holidays this week.
I use here in my "Holiday QTH" -about 2o miles north from Arctic Polar Circle- solar cell/battery powered "JUMA" station byt "minilaptop" HP mini 100e by internal/integrated Realtek soundcard and home made RS323 interface via USB port -and all working fine!
73 "Yussi" OH7TE/9 (I use call OH7TE on V4 and WM)

1579. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-08-09 12:32:46 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1579

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.4.5.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.4.5.0 Full Install with Revision History

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.4.5.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1580. New Update V4Chat 0.4.5.0 on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-09 12:39:05 UTC
From: kn6kb
Topic: 1580 Message: 1580

All,
This includes some important fixes and improvements. I have done extensive testing on this over several channel types.

Please let me know your results. I am working on another change that will improve sync sensitivity but I need more time for testing and evaluating that.

As usual uninstall your existing V4Chat and re install using the Setup file in the new zip file V4Chat 0.4.5.0 Full install.

If you have difficulties, note the UTC time observed, describe the problem as best you can and send me the V4TNC Debug log as an attachment.

Good luck,

Rick Muething, KN6KB

V4 Chat Revision History
Date: Rev Change Summary
Aug 9, 2011 0.4.5.0 Beta Release of 0.4.4.1

Aug 7, 2011 0.4.4.1 Fix reference to grid problem upon startup when Cell value is nothing.(logged exception).
Add Timeout mechanism (10 seconds) to Scroll to Caret after manual scroll. Insures new text is always shown in Session
Fix vertical splitter to never be larger than 470 after resize.
Do not allow frequency change on Grid click if ARQ Connected.

V4 TNC Revision History

Date Rev # Summary ofChanges

Aug 9, 2011 0.4.5.0 Beta release of 0.4.4.1

Aug 7, 2011 0.4.4.1 Added Session variable TargetCQ and logic to insure ignoring all ACKs when calling CQ.
Added Stats in Session for accumulating MEMARQRecoveries.
Added new MEMARQ scheme based on score to ProcessARQFrame for evaluation
Dequeue pending data when receceivd from host if ARQ IRS (shows on OB Queue pending)
Added global function ClearOBQueue
Added logic in ProcessIDLs to ignore IDL if ISS and OBqueue not empty.
Change IDL threshold to 100 (was 175)
Increment FramesSent statistic on repeated frames.
Modify noise base calculation in SearchForAMLeader47B2 to use 4 bin average
Select larger correlation of normal or fractional bins in SearchForAMLeader47B

1581. RE: [V4Protocol] New Update V4Chat 0.4.5.0 on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-09 14:41:07 UTC
From: Daniel V. Wolff, Jr.
Topic: 1580 Message: 1581

Hello Rick,

..sure wish you'd enable the auto-update feature, sooner than later.
Never-the-less, I'm looking forward to testing out the new version. It
keeps getting better and better.

73,

Daniel V. Wolff, Jr.
DL4VCW / KA7AGN / AEM1WF (MARS)
<http://www.qsl.net/dl4vcw/> http://www.qsl.net/dl4vcw/

<http://www.qsl.net/ka7agn/> http://www.qsl.net/ka7agn/

<http://www.qsl.net/aem1wf/> http://www.qsl.net/aem1wf/

Classification: UNCLASSIFIED
Caveats: NONE

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
Behalf Of kn6kb
Sent: Tuesday, August 09, 2011 12:39 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] New Update V4Chat 0.4.5.0 on Yahoo FTP

All,
This includes some important fixes and improvements. I have done extensive
testing on this over several channel types.

Please let me know your results. I am working on another change that will
improve sync sensitivity but I need more time for testing and evaluating
that.

As usual uninstall your existing V4Chat and re install using the Setup file
in the new zip file V4Chat 0.4.5.0 Full install.

If you have difficulties, note the UTC time observed, describe the problem
as best you can and send me the V4TNC Debug log as an attachment.

Good luck,

Rick Muething, KN6KB

V4 Chat Revision History
Date: Rev Change Summary
Aug 9, 2011 0.4.5.0 Beta Release of 0.4.4.1

Aug 7, 2011 0.4.4.1 Fix reference to grid problem upon startup when Cell
value is nothing.(logged exception).

Add Timeout mechanism (10 seconds) to Scroll to Caret after manual scroll.
Insures new text is always shown in Session
Fix vertical splitter to never be larger than 470 after resize.
Do not allow frequency change on Grid click if ARQ Connected.

V4 TNC Revision History

Date Rev # Summary ofChanges

Aug 9, 2011 0.4.5.0 Beta release of 0.4.4.1

Aug 7, 2011 0.4.4.1 Added Session variable TargetCQ and logic to insure ignoring all ACKs when calling CQ.
Added Stats in Session for accumulating MEMARQRecoveries.
Added new MEMARQ scheme based on score to ProcessARQFrame for evaluation
Dequeue pending data when receceivd from host if ARQ IRS (shows on OB Queue pending)
Added global function ClearOBQueue
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Change IDL threshold to 100 (was 175)
Increment FramesSent statistic on repeated frames.
Modify noise base calculation in SearchForAMLeader47B2 to use 4 bin average
Select larger correlation of normal or fractional bins in SearchForAMLeader47B

1582. Re: [V4Protocol] New Update V4Chat 0.4.5.0 on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-09 15:25:46 UTC
From: Rick Muething
Topic: 1580 Message: 1582

I’m still making changes that affect compatibility with prior version and in those cases auto update is a real pain. Probably one or two more revs until auto update. Look at it this way ...it takes you about .2 % of the time I spend on generating the update to uninstall, download and reinstall the new version.

Rick KN6KB

From: Daniel V. Wolff, Jr.
Sent: Tuesday, August 09, 2011 10:41 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] New Update V4Chat 0.4.5.0 on Yahoo FTP

Hello Rick,

….sure wish you’d enable the auto-update feature, sooner than later. Never-the-less, I’m looking forward to testing out the new version. It keeps getting better and better.

73,

Daniel V. Wolff, Jr.
DL4VCW / KA7AGN / AEM1WF (MARS)
http://www.qsl.net/dl4vcw/

http://www.qsl.net/ka7agn/

http://www.qsl.net/aem1wf/

Classification: UNCLASSIFIED
Caveats: NONE

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kn6kb
Sent: Tuesday, August 09, 2011 12:39 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] New Update V4Chat 0.4.5.0 on Yahoo FTP

All,
This includes some important fixes and improvements. I have done extensive testing on this over several channel types.

Please let me know your results. I am working on another change that will improve sync sensitivity but I need more time for testing and evaluating that.

As usual uninstall your existing V4Chat and re install using the Setup file in the new zip file V4Chat 0.4.5.0 Full install.

If you have difficulties, note the UTC time observed, describe the problem as best you can and send me the V4TNC Debug log as an attachment.

Good luck,

Rick Muething, KN6KB

V4 Chat Revision History
Date: Rev Change Summary
Aug 9, 2011 0.4.5.0 Beta Release of 0.4.4.1

Aug 7, 2011 0.4.4.1 Fix reference to grid problem upon startup when Cell value is nothing.(logged exception).
Add Timeout mechanism (10 seconds) to Scroll to Caret after manual scroll. Insures new text is always shown in Session
Fix vertical splitter to never be larger than 470 after resize.
Do not allow frequency change on Grid click if ARQ Connected.

V4 TNC Revision History

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Aug 7, 2011 0.4.4.1 Added Session variable TargetCQ and logic to insure ignoring all ACKs when calling CQ.
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Dequeue pending data when receceivd from host if ARQ IRS (shows on OB Queue pending)
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Added logic in ProcessIDLs to ignore IDL if ISS and OBqueue not empty.
Change IDL threshold to 100 (was 175)
Increment FramesSent statistic on repeated frames.
Modify noise base calculation in SearchForAMLeader47B2 to use 4 bin average
Select larger correlation of normal or fractional bins in SearchForAMLeader47B

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1392 / Virus Database: 1520/3823 - Release Date: 08/09/11

1583. Rcv Frame, Xmt Frame

Yahoo group: V4Protocol
Date: 2011-08-09 15:34:59 UTC
From: John Hirth
Topic: 1580 Message: 1583

Rick,

In watching the progress of recent V4 QSOs I find myself often glancing at the "Rcv Frame" and "Xmt Frame" boxes in the TNC window to see what type of frame I've just received or sent. But that information remains in the boxes for a very short time. It's often gone by the time I look for it.

Might it make sense to leave the information about the last frame type received and transmitted on the screen until the next frame has been decoded? The boxes could be changed to something like "Last Rcv Frame" (similar for Xmt).

Just a suggestion to help keep track of what is happening.

73, John W2KI

1584. 0.4.5.0 Received text window scrolling

Yahoo group: V4Protocol
Date: 2011-08-09 16:14:18 UTC
From: John Hirth
Topic: 1584 Message: 1584

With the cursor in the transmit text window the 10 second delay when you scroll back the received text window seems to work, unless new received text arrives during that time, at which point the received text immediately jumps back to the bottom. I'm not sure if this is intentional, but the jump seems awkward when you're trying to read something that came before.

Just a point of information.

John W2KI

1585. 0.4.5.0 strange cursor behavior

Yahoo group: V4Protocol
Date: 2011-08-09 16:34:06 UTC
From: John Hirth
Topic: 1585 Message: 1585

In Win7, re: RX and TX text windows.

In ARQ QSO, when receiving frames and typing into TX text box at the same time, the cursor jumps into the RX text window with each incoming frame. You have to click in the TX text window each time to get it back. (I was told by Ray, KB0E this morning that this doesn't happen in WinXP, only in WIn7).

When you transfer text to the outbound buffer with ctrl-c, the cursor follows the text into the RX window. You have to click on the TX window each time to bring it back. If you're sending a line or so at a time into the buffer to try to keep up with the outgoing frames, this is troublesome.

More for the list....

John W2KI

1586. looking for someone to test 0.4.5.0

Yahoo group: V4Protocol
Date: 2011-08-09 16:49:48 UTC
From: Dick Lamberson
Topic: 1586 Message: 1586

I have a rig on 7073.0 and another on 10131.0 - please give me a call..
73,
Dick
W4WEB

1587. Re: [V4Protocol] 0.4.5.0 strange cursor behavior

Yahoo group: V4Protocol
Date: 2011-08-09 17:11:44 UTC
From: Chuck
Topic: 1585 Message: 1587

This morning I noticed this happens with VISTA also.
Chuck, WA7BRL
----- Original Message -----
From: "John Hirth" <w2ki@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, August 9, 2011 9:34:06 AM
Subject: [V4Protocol] 0.4.5.0 strange cursor behavior

In Win7, re: RX and TX text windows.

In ARQ QSO, when receiving frames and typing into TX text box at the
same time, the cursor jumps into the RX text window with each incoming
frame. You have to click in the TX text window each time to get it back.
(I was told by Ray, KB0E this morning that this doesn't happen in WinXP,
only in WIn7).

When you transfer text to the outbound buffer with ctrl-c, the cursor
follows the text into the RX window. You have to click on the TX window
each time to bring it back. If you're sending a line or so at a time
into the buffer to try to keep up with the outgoing frames, this is
troublesome.

More for the list....

John W2KI

1588. Re: [V4Protocol] looking for someone to test 0.4.5.0

Yahoo group: V4Protocol
Date: 2011-08-09 17:18:34 UTC
From: Chuck
Topic: 1586 Message: 1588

Dick; Not knowing about your post, I was just at both frequencies calling CQ in ARQ mode. Heard no response so moved back to 20 Meters. Very difficult finding stations with enough signal strength to test with. The connects I have seen so far were just on the edge with about 0 to 25% print..
Will try later today.
73;
Chuck, WA7BRL

----- Original Message -----
From: "Dick Lamberson" <w4web@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, August 9, 2011 9:49:48 AM
Subject: [V4Protocol] looking for someone to test 0.4.5.0

I have a rig on 7073.0 and another on 10131.0 - please give me a call..
73,
Dick
W4WEB

1589. Re: [V4Protocol] looking for someone to test 0.4.5.0

Yahoo group: V4Protocol
Date: 2011-08-09 17:19:53 UTC
From: Ed Woods WD9DVA
Topic: 1586 Message: 1589

Dick we tried to connect to u on 10. @ 1715Z +/- one time u had a 98 score. U did cpy me?
73 Ed WD9DVA
----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Tuesday, August 09, 2011 16:49
Subject: [V4Protocol] looking for someone to test 0.4.5.0

☐

I have a rig on 7073.0 and another on 10131.0 - please give me a call..
73,
Dick
W4WEB

1590. Re: [V4Protocol] looking for someone to test 0.4.5.0

Yahoo group: V4Protocol
Date: 2011-08-09 17:20:15 UTC
From: Dick Lamberson
Topic: 1586 Message: 1590

Only heard one station - WD9DVA on 10131 - could not link on ARQ - poor band condx - will try later in the afternoon.
73
Dick

----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Tuesday, August 09, 2011 12:49 PM
Subject: [V4Protocol] looking for someone to test 0.4.5.0

☐

I have a rig on 7073.0 and another on 10131.0 - please give me a call..
73,
Dick
W4WEB

1591. Re: [V4Protocol] 0.4.5.0 Received text window scrolling

Yahoo group: V4Protocol
Date: 2011-08-09 17:26:51 UTC
From: Rick Muething
Topic: 1584 Message: 1591

The whole operation of the scrolling of those windows is very tricky. What I tried was to basically insure you will see new text in the event you leave the window scrolled up. I don’t know how to make it work both ways (leave the window scrolled where it is AND automatically scroll it so you can see the new text) at the same time!

Rick KN6KB

From: John Hirth
Sent: Tuesday, August 09, 2011 12:14 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] 0.4.5.0 Received text window scrolling

With the cursor in the transmit text window the 10 second delay when you scroll back the received text window seems to work, unless new received text arrives during that time, at which point the received text immediately jumps back to the bottom. I'm not sure if this is intentional, but the jump seems awkward when you're trying to read something that came before.

Just a point of information.

John W2KI

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1392 / Virus Database: 1520/3823 - Release Date: 08/09/11

1592. Re: [V4Protocol] looking for someone to test 0.4.5.0

Yahoo group: V4Protocol
Date: 2011-08-09 17:30:25 UTC
From: Ed Woods WD9DVA
Topic: 1586 Message: 1592

Right that was us. I'll be mowing this afternoon. Maybe Thursday , 73 Ed WD9DVA
----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Tuesday, August 09, 2011 17:20
Subject: Re: [V4Protocol] looking for someone to test 0.4.5.0

☐

Only heard one station - WD9DVA on 10131 - could not link on ARQ - poor band condx - will try later in the afternoon.
73
Dick

----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Tuesday, August 09, 2011 12:49 PM
Subject: [V4Protocol] looking for someone to test 0.4.5.0

☐

I have a rig on 7073.0 and another on 10131.0 - please give me a call..
73,
Dick
W4WEB

1593. AW: [V4Protocol] 0.4.5.0 Received text window scrolling

Yahoo group: V4Protocol
Date: 2011-08-09 17:31:40 UTC
From: Siegfried Jackstien
Topic: 1584 Message: 1593

Hello rick
Do you know spotcollector soft?
If you scroll up in that soft there is a button scroll locked
now you have all time to read
if new spots come in the button changes colour and starts blinking in red
now push the scroll lock button and you are back at the lower end were the
new spots came in
maybe you could grab that idea
make a scroll lock and if new text make a blinking box or something like
that
greetz
sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Dienstag, 9. August 2011 17:27
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] 0.4.5.0 Received text window scrolling
>
>
>
> The whole operation of the scrolling of those windows is very tricky. What
> I tried was to basically insure you will see new text in the event you
> leave the window scrolled up. I don□t know how to make it work both ways
> (leave the window scrolled where it is AND automatically scroll it so you
> can see the new text) at the same time!
>
> Rick KN6KB
>
>
> From: John Hirth <mailto:w2ki@...>
> Sent: Tuesday, August 09, 2011 12:14 PM
> To: V4Protocol@...m
> Subject: [V4Protocol] 0.4.5.0 Received text window scrolling
>
>
>
> With the cursor in the transmit text window the 10 second delay when you
> scroll back the received text window seems to work, unless new received
> text arrives during that time, at which point the received text
> immediately jumps back to the bottom. I'm not sure if this is
> intentional, but the jump seems awkward when you're trying to read
> something that came before.

>
> Just a point of information.
>
> John W2KI
>
>
>
> _____
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1392 / Virus Database: 1520/3823 - Release Date: 08/09/11
>
>

1594. Re: AW: [V4Protocol] 0.4.5.0 Received text window scrolling

Yahoo group: V4Protocol
Date: 2011-08-09 17:49:25 UTC
From: Rick Muething
Topic: 1584 Message: 1594

Siegfried,
That’s a good solution I’ll look into it for the next rev.

Rick KN6KB

From: Siegfried Jackstien
Sent: Tuesday, August 09, 2011 1:31 PM
To: V4Protocol@yahoogroups.com
Subject: AW: [V4Protocol] 0.4.5.0 Received text window scrolling

Hello rick
Do you know spotcollector soft?
If you scroll up in that soft there is a button scroll locked
now you have all time to read
if new spots come in the button changes colour and starts blinking in red
now push the scroll lock button and you are back at the lower end were the
new spots came in
maybe you could grab that idea
make a scroll lock and if new text make a blinking box or something like
that
greetz
sigi

> -----Ursprüngliche Nachricht-----
> Von: mailto:V4Protocol%40yahoogroups.com [mailto:mailto:V4Protocol%40yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Dienstag, 9. August 2011 17:27
> An: mailto:V4Protocol%40yahoogroups.com
> Betreff: Re: [V4Protocol] 0.4.5.0 Received text window scrolling
>
>
>
> The whole operation of the scrolling of those windows is very tricky. What
> I tried was to basically insure you will see new text in the event you
> leave the window scrolled up. I don□t know how to make it work both ways
> (leave the window scrolled where it is AND automatically scroll it so you
> can see the new text) at the same time!
>
> Rick KN6KB
>
>
> From: John Hirth <mailto:mailto:w2ki%40amsat.org>
> Sent: Tuesday, August 09, 2011 12:14 PM
> To: mailto:V4Protocol%40yahoogroups.com
> Subject: [V4Protocol] 0.4.5.0 Received text window scrolling

>
>
>
> With the cursor in the transmit text window the 10 second delay when you
> scroll back the received text window seems to work, unless new received
> text arrives during that time, at which point the received text
> immediately jumps back to the bottom. I'm not sure if this is
> intentional, but the jump seems awkward when you're trying to read
> something that came before.
>
> Just a point of information.
>
> John W2KI
>
>
>
> _____
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1392 / Virus Database: 1520/3823 - Release Date: 08/09/11
>
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1392 / Virus Database: 1520/3823 - Release Date: 08/09/11

1595. Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-09 23:54:41 UTC
From: Robert
Topic: 1595 Message: 1595

Rick,

While calling CQ, my version 0.4.5.0 TNC measured T>R latency is jumping all over from 100mSec to 1100mSec or so. I have measured the actual T/R recovery time from audio recorded at the radio and it is always around 25-30 mSec.

Audio receive level is in the middle of the TNC level bar. Computer is a recent quad-core running Windows 7. The radio is an Elecraft K3 and I have tried both using software TX/RX commands at 38.4kbaud and RTS to PTT on an additional com port.

Earlier versions of the TNC have also been showing the relatively long T>R times, but it seems worse in the last version.

Nothing in the exceptions log and not much in the debug log:

```
*** Freq Changed: 14073.00 KHz Dial
2011/08/09 22:58:46 {Status} *** Calling CQ de N7ZO
2011/08/09 22:59:16 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
2011/08/09 22:59:48 {Status} *** Calling CQ de N7ZO
2011/08/09 23:00:17 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
2011/08/09 23:00:24 {Rcv Txt Err} "hgrqZ=jjiy?
2011/08/09 23:00:45 {Status} *** Calling CQ de N7ZO
2011/08/09 23:01:15 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
```

Please let me know if I can provide any further information.

Bob, N7ZO

1596. Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-10 00:42:06 UTC
From: ham
Topic: 1595 Message: 1596

I had some T>R measurement latency issues and they were caused by having noise reduction enabled in the Radio. Try temporarily turning off noise reduction (if you have it enabled) and re-run your tests.

Worth a try ...

73, Bernie

--- In V4Protocol@yahoogroups.com, "Robert" <rwright@...> wrote:
>
> Rick,
>
> While calling CQ, my version 0.4.5.0 TNC measured T>R latency is jumping all over from 100mSec to 1100mSec or so. I have measured the actual T/R recovery time from audio recorded at the radio and it is always around 25-30 mSec.
>
> Audio receive level is in the middle of the TNC level bar. Computer is a recent quad-core running Windows 7. The radio is an Elecraft K3 and I have tried both using software TX/RX commands at 38.4kbaud and RTS to PTT on an additional com port.
>
> Earlier versions of the TNC have also been showing the relatively long T>R times, but it seems worse in the last version.
>
> Nothing in the exceptions log and not much in the debug log:
>
> *** Freq Changed: 14073.00 KHz Dial
> 2011/08/09 22:58:46 {Status} *** Calling CQ de N7ZO
> 2011/08/09 22:59:16 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
> 2011/08/09 22:59:48 {Status} *** Calling CQ de N7ZO
> 2011/08/09 23:00:17 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
> 2011/08/09 23:00:24 {Rcv Txt Err} "hgrqZ=jjiy?
> 2011/08/09 23:00:45 {Status} *** Calling CQ de N7ZO
> 2011/08/09 23:01:15 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
>
> Please let me know if I can provide any further information.
>
> Bob, N7ZO
>

1597. Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-10 00:58:23 UTC
From: Robert
Topic: 1595 Message: 1597

Hi Bernie,

Noise reduction is off. Actually, with the K3 it is not possible to enable receive noise reduction (or xmit compressor) when the radio is in DATA mode. But thanks for the idea.

73,
Bob, N7ZO

--- In V4Protocol@yahoogroups.com, "ham" <ve3fwf@...> wrote:
>
>
> I had some T>R measurement latency issues and they were caused by having noise reduction enabled in the Radio. Try temporarily turning off noise reduction (if you have it enabled) and re-run your tests.
>
> Worth a try ...
>
> 73, Bernie
>
> --- In V4Protocol@yahoogroups.com, "Robert" <rwright@> wrote:
> >
> > Rick,
> >
> > While calling CQ, my version 0.4.5.0 TNC measured T>R latency is jumping all over from 100mSec to 1100mSec or so. I have measured the actual T/R recovery time from audio recorded at the radio and it is always around 25-30 mSec.
> >
> > Audio receive level is in the middle of the TNC level bar. Computer is a recent quad-core running Windows 7. The radio is an Elecraft K3 and I have tried both using software TX/RX commands at 38.4kbaud and RTS to PTT on an additional com port.
> >
> > Earlier versions of the TNC have also been showing the relatively long T>R times, but it seems worse in the last version.
> >
> > Nothing in the exceptions log and not much in the debug log:
> >
> > *** Freq Changed: 14073.00 KHz Dial
> > 2011/08/09 22:58:46 {Status} *** Calling CQ de N7ZO
> > 2011/08/09 22:59:16 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
> > 2011/08/09 22:59:48 {Status} *** Calling CQ de N7ZO
> > 2011/08/09 23:00:17 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
> > 2011/08/09 23:00:24 {Rcv Txt Err} "hgrqZ=jjiy?
> > 2011/08/09 23:00:45 {Status} *** Calling CQ de N7ZO
> > 2011/08/09 23:01:15 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
> >
> > Please let me know if I can provide any further information.

> >
> > Bob, N7ZO
> >
>

1598. Re: [V4Protocol] Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-10 02:22:02 UTC
From: Tom Brown N4TAB
Topic: 1595 Message: 1598

What else is running? Kill all but the V4 app. Kill wireless and the virus and malware programs (I mean KILL), see http://technet.microsoft.com/en-us/sysinternals/bb896653 .

You will, likely, fidf all sorts of apps that are loaded by the Start menu or in the registry. KILL all of them and take a look at latency, then work your way back up the tree.

73,

Tom N4TAB

~~~~~~
On 8/9/2011 8:58 PM, Robert wrote:

Hi Bernie,

Noise reduction is off. Actually, with the K3 it is not possible to enable receive noise reduction (or xmit compressor) when the radio is in DATA mode. But thanks for the idea.

73,
Bob, N7ZO

--- In V4Protocol@yahoogroups.com, "ham" wrote:
>
>
> I had some T>R measurement latency issues and they were caused by having noise reduction enabled in the Radio. Try temporarily turning off noise reduction (if you have it enabled) and re-run your tests.
>
> Worth a try ...
>
> 73, Bernie
>
> --- In V4Protocol@yahoogroups.com, "Robert" wrote:
> >
> > Rick,
> >
> > While calling CQ, my version 0.4.5.0 TNC measured T>R latency is jumping all over from 100mSec to 1100mSec or so. I have measured the actual T/R recovery time from audio recorded at the radio and it is always around 25-30 mSec.
> >
> > Audio receive level is in the middle of the TNC level bar. Computer is a recent quad-core running Windows 7. The radio is an Elecraft K3 and I have tried both using software TX/RX commands at 38.4kbaud and RTS to PTT on an additional com port.
> >
> > Earlier versions of the TNC have also been showing the relatively long T>R times, but it seems worse in the last version.
> >
~~~~~~

> > Nothing in the exceptions log and not much in the debug log:
> >
> > *** Freq Changed: 14073.00 KHz Dial
> > 2011/08/09 22:58:46 {Status} *** Calling CQ de N7ZO
> > 2011/08/09 22:59:16 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
> > 2011/08/09 22:59:48 {Status} *** Calling CQ de N7ZO
> > 2011/08/09 23:00:17 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
> > 2011/08/09 23:00:24 {Rcv Txt Err} "hgrqZ=jjiy?
> > 2011/08/09 23:00:45 {Status} *** Calling CQ de N7ZO
> > 2011/08/09 23:01:15 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
> >
> > Please let me know if I can provide any further information.
> >
> > Bob, N7ZO
> >
>

1599. Re: [V4Protocol] Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-10 08:24:28 UTC
From: Ian Wade G3NRW
Topic: 1595 Message: 1599

___Original Message_____________________________________
From: Robert <rwright@...>
Date: Tue, 9 Aug 2011 Time: 23:54:41

>my version 0.4.5.0 TNC measured T>R latency is
>jumping all over from 100mSec to 1100mSec or so.

Bob

I wonder if you have a DPC problem. Try running this:

http://www.thesycon.de/eng/latency_check.shtml

If it consistently reports DPC times much greater than 500uS, this could
be the cause of your problem.

A common factor leading to very long DPC times is the WiFi system. If
you have WiFi turned on, try turning it off.

Anti-virus software can be another cause of long DPCs.

--
73
Ian, G3NRW

1600. V4Chat on 10131khz

Yahoo group: V4Protocol
Date: 2011-08-10 16:22:47 UTC
From: Dick Lamberson
Topic: 1600 Message: 1600

Is anyone still testing 0.4.5.0 ? I'm monitoring 10131Khz and making CQ calls off and on all afternoon.
73,
Dick

1601. Re: [V4Protocol] V4Chat on 10131khz

Yahoo group: V4Protocol
Date: 2011-08-10 16:56:03 UTC
From: Rick Muething
Topic: 1600 Message: 1601

There were several user interface problems reported with 0.4.5.0 I should have all that fixed by this afternoon.

Rick kN6KB

From: Dick Lamberson
Sent: Wednesday, August 10, 2011 12:22 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4Chat on 10131khz

Is anyone still testing 0.4.5.0 ? I'm monitoring 10131Khz and making CQ calls off and on all afternoon.
73,
Dick

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1392 / Virus Database: 1520/3825 - Release Date: 08/10/11

1602. Re: [V4Protocol] V4Chat on 10131khz

Yahoo group: V4Protocol
Date: 2011-08-10 17:08:39 UTC
From: Dick Lamberson
Topic: 1600 Message: 1602

Thanks much

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Wednesday, August 10, 2011 12:56 PM
Subject: Re: [V4Protocol] V4Chat on 10131khz

There were several user interface problems reported with 0.4.5.0 I should have all that fixed by this afternoon.

Rick kN6KB

From: Dick Lamberson
Sent: Wednesday, August 10, 2011 12:22 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4Chat on 10131khz

Is anyone still testing 0.4.5.0 ? I'm monitoring 10131Khz and making CQ calls off and on all afternoon.
73,
Dick

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1392 / Virus Database: 1520/3825 - Release Date: 08/10/11

1603. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-08-10 18:46:22 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1603

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.5.0.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.5.0.0 Full Install with revision history

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.5.0.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1604. Important V4Chat Update 0.5.0.0

Yahoo group: V4Protocol
Date: 2011-08-10 18:52:08 UTC
From: kn6kb
Topic: 1604 Message: 1604

All,

Sorry for some of the glitches noted in the user interface on Version 0.4.5.0. This fixes all that and also increases the weak signal robustness using a 2 symbol sync extension. That makes this incompatible with prior versions so the move to the next major revision .5. Please update to this to continue testing. Version .5 will not be able to connect with lower versions.

73 and thanks for your patience!

Rick KN6KB

V4 Chat Revision History

Date: Rev Change Summary

Aug 10, 2011 0.5.0.0 Beta Rlease of 0.4.5.1

Aug 10, 2011 0.4.5.1 Fixed problem with loosing Keyboard RTB focus on Session update
Add button Scroll Locked and mechansim for buffering rtbSession updates when scrolled.
Remove timer on scroll and Scroll to Caret.

4 TNC Revision History

Date Rev # Summary ofChanges

Aug 10, 2011 0.5.0.0 Beta release of 0.4.5.1

Aug 10, 2011 0.4.5.1 Change sync symbols from 6 to 8. Gives minimal code distance of 4 for each sync type.
Change ProcessSymbol, Mod1Car4FSK47B, Mod1Car4FSKAckNakIDL to accomodate sync change
Change Sync distance thresholds: FEC=240,ARQ=240,ACK=200,NAK=240,IDL=200
Extended display time of Receivd label from 1500 to 3000 ms.
Identify repeated freames with "RPT:" and Violet back color in transmit label.

1605. Re: [V4Protocol] Important V4Chat Update 0.5.0.0

Yahoo group: V4Protocol
Date: 2011-08-10 19:09:26 UTC
From: David Boswell
Topic: 1604 Message: 1605

I am up on 20 and 30 with .5

On the rig keyed via DTR I notice latency double from 120 - 140 with v.4 to 230 - 260 v.5

The rig using VOX I see no change.

de
N7VVX

1606. Re: Important V4Chat Update 0.5.0.0

Yahoo group: V4Protocol
Date: 2011-08-10 19:37:14 UTC
From: Bob Thornton
Topic: 1604 Message: 1606

Using CAT control and see no difference 40-60 ms

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, David Boswell <dave@...> wrote:
>
> I am up on 20 and 30 with .5
>
> On the rig keyed via DTR I notice latency double from 120 - 140 with v.4 to
> 230 - 260 v.5
>
> The rig using VOX I see no change.
>
> de
> N7VVX
>

1607. Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-10 21:00:06 UTC
From: Chris
Topic: 1595 Message: 1607

I have had the same problem. Using XP SP3 and latest 0.5.0.0.

Problem completely solved by disabling my Nod32 virus program.

Latency on my machine is <100uS.

73, Chris ZL1BOE

--- In V4Protocol@yahoogroups.com, "Robert" <rwright@...> wrote:
>
> Rick,
>
> While calling CQ, my version 0.4.5.0 TNC measured T>R latency is jumping all over from 100mSec to 1100mSec or so. I have measured the actual T/R recovery time from audio recorded at the radio and it is always around 25-30 mSec.
>
> Audio receive level is in the middle of the TNC level bar. Computer is a recent quad-core running Windows 7. The radio is an Elecraft K3 and I have tried both using software TX/RX commands at 38.4kbaud and RTS to PTT on an additional com port.
>
> Earlier versions of the TNC have also been showing the relatively long T>R times, but it seems worse in the last version.
>
> Nothing in the exceptions log and not much in the debug log:
>
> *** Freq Changed: 14073.00 KHz Dial
> 2011/08/09 22:58:46 {Status} *** Calling CQ de N7ZO
> 2011/08/09 22:59:16 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
> 2011/08/09 22:59:48 {Status} *** Calling CQ de N7ZO
> 2011/08/09 23:00:17 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
> 2011/08/09 23:00:24 {Rcv Txt Err} "hgrqZ=jjiy?
> 2011/08/09 23:00:45 {Status} *** Calling CQ de N7ZO
> 2011/08/09 23:01:15 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
>
> Please let me know if I can provide any further information.
>
> Bob, N7ZO
>

1608. Re: NO JOY WITH ARQ VER 0.4.4.0

Yahoo group: V4Protocol
Date: 2011-08-10 21:41:08 UTC
From: Chris
Topic: 1537 Message: 1608

Hi Rick,

I really appreciate your considered comments on my various questions. I now understand somewhat more about V4 than I did before!

73, Chris ZL1BOE

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Chris,
> Thanks for the feedback. To address your questions:
>
> 1) An an option allow the ISS operator to decide when the link is turned over? As things are now any pause in typing results in the ISS having his "over" cut short. Likewise the ability for the RSS to force a premature turnover if/when needed?
>
> The link is now turned over ONLY when:
> The ISS has no data pending OB queue = 0 AND The IRS Does have data pending OB queue not 0. This is what allows a â□□chatâ□□ back and forth operation. If the ISS can block the changeover even if it has 0 data pending then the IRS canâ□□t ever send.
>
> You donâ□□t need the IRS to force a turnover unless you implement the block above. If allowed that also causes a problem...what do you do with the unsent data in the ISS queue (Dump it? Wait until he is ISS again? Its all possible but I think can be very confusing to users which sometimes seem to have enough difficult with just the whole ARQ and IRS<>ISS concept.
>
>
> 2) An "echo as sent" option whereby the text entered by the ISS gets copied to the recieve pane only if/when it is acked/printedby the RSS. And something similar in FEC mode except that the characters would be copied across as they were actually sent to air.
>
> I have a plan for this but it is tricky code. The best way is to change the font of the buffered text (the text that is now blue italic in the Session window) as the text is confirmed received. (if you just displayed it when sent or ACKed you couldnâ□□t read what you had queued). for example the Blue italic text could be changed to Blue Italic bold as the sent characters are ACKed. This is doable and will work well but is not trivial code so I have put it off until we get the bugs (yes there are still some!) flushed out of the protocol . This is the area of GUI â□□fluffâ□□ and while nice takes a back seat to real problems.
>
> 3) Auto fall-back to FEC if ARQ drops out?
>
> ARQ mode does display just like FEC if not connected. It is sending that is different. You could automatically send just FEC if you tried to send and werenâ□□t connected but this might be more confusing to users. I would want to get a lot more feed back on something like that.
>
> 4) Any way that V4 could calculate and display propagation delay? The BMK multi software based Amtor/Pactor

package attempted this.
>
> Not practically with the timers and interrrupt resolution of the program and Windows. look at a typical 2000 mile path. That is something like 11 ms. The latency of the sound card, sound card interrupts, OS latency can all be considerably larger that 11 ms. So in practice you would be measuring the width of human hairs with a yardstick!
>
> 5) With todays CAT controlled rigs maybe RF power could be dynamically controlled in ARQ to the minimum needed?
>
> Yes that is possible but the issue is this. In most cases with all things digital throughput (after FEC) is a function of signal quality (strength and distortion). You can lower the power but then unless the signals are very strong the throughput will also go down. (this all goes back to Shannon who related Channel capacity to S/N). I would say it would be more relevant if we were all running a KW but most are using 50 Watts or less. Dropping the signal say to 5 watts would make a significant impact on throughput in most typical channels.
>
>
> 6) Is the ARQ/FEC mode button really necessary? Could the system not fall back to FEC whenever a link is not active? And be ready to link whenever a connect (to my station) message is detected? Likewise, if any data is sent via the cntrl-ent command could it not automatically be sent as FEC if no link and as ARQ if there is a link?
>
> This is really the same as 3) . It is possible to do it this way (receive already works this way) but I am concerned others using FEC can get confused. Maybe others would like to comment? This is not in the GUI fluff category but is an impact on the way users use the program. It is an easy program change to do this but it could cause confusion. E.g. You are for example â□□chattingâ□□ in a group of 3 with FEC. Then someone calls you on ARQ and you connect automatically. That disturbs and takes over your FEC session. One thing to remember: YOU CANâ□□T have simultaneous sessions running on the same frequency and expect success. It just like CW and SSB....One QSO on a frequency.
>
> Thanks for the feedback and observations.
>
> Rick KN6KB
>

1609. Re: [V4Protocol] Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-10 22:10:30 UTC
From: Ron Wenig
Topic: 1595 Message: 1609

I'm glad I saw this note. The TS-590 has a built in sound card with vox using USB. I forgot that there is a vox delay setting. My latency went from 300 down to 117 by setting the vox delay to zero. The result was I had a very nice long V4Chat ARQ QSO with V31AE. Rick, I have to read that help section a little more :-)

73, Ron ny3j

On 8/10/2011 5:00 PM, Chris wrote:
>
> I have had the same problem. Using XP SP3 and latest 0.5.0.0.
>
> Problem completely solved by disabling my Nod32 virus program.
>
> Latency on my machine is <100uS.
>
> 73, Chris ZL1BOE
>
> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>, "Robert" <rwright@...> wrote:
> >
> > Rick,
> >
> > While calling CQ, my version 0.4.5.0 TNC measured T>R latency is
> jumping all over from 100mSec to 1100mSec or so. I have measured the
> actual T/R recovery time from audio recorded at the radio and it is
> always around 25-30 mSec.
> >
> > Audio receive level is in the middle of the TNC level bar. Computer
> is a recent quad-core running Windows 7. The radio is an Elecraft K3
> and I have tried both using software TX/RX commands at 38.4kbaud and
> RTS to PTT on an additional com port.
> >
> > Earlier versions of the TNC have also been showing the relatively
> long T>R times, but it seems worse in the last version.
> >
> > Nothing in the exceptions log and not much in the debug log:
> >
> > *** Freq Changed: 14073.00 KHz Dial
> > 2011/08/09 22:58:46 {Status} *** Calling CQ de N7ZO
> > 2011/08/09 22:59:16 {Status} * DISCONNECTED ARQ Timeout... Outbound
> buffer purged.
> > 2011/08/09 22:59:48 {Status} *** Calling CQ de N7ZO
> > 2011/08/09 23:00:17 {Status} * DISCONNECTED ARQ Timeout... Outbound
> buffer purged.

> > 2011/08/09 23:00:24 {Rcv Txt Err} "hgrqZ=jjiy?
> > 2011/08/09 23:00:45 {Status} *** Calling CQ de N7ZO
> > 2011/08/09 23:01:15 {Status} * DISCONNECTED ARQ Timeout... Outbound
> buffer purged.
> >
> > Please let me know if I can provide any further information.
> >
> > Bob, N7ZO
> >
>
>

1610. impressed with the protocol version 5

Yahoo group: V4Protocol
Date: 2011-08-10 22:12:33 UTC
From: Robert Belize
Topic: 1610 Message: 1610

on 14073 khz at 21:39 to 22:00
Ron NY3J and I V31AE connected and finished without any problem.
S/N was around -2 db score in the upper 90's, it never failed, wow!
Am impressed...
Thanks Rick...
Robert

1611. Re: [V4Protocol] Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-10 22:17:40 UTC
From: Rick Muething
Topic: 1595 Message: 1611

Ron,

O wasn’t aware that Kenwood had a transceiver with a built in sound card (similar to the Icom 7200 and 7600) In the Icom you can still use PTT keying (CAT control) over the same USB cable...not sure if the Kenwood is like that. If you have a manual in electronic form on the TS-590 can you send it to me?

Thanks

Rick KN6KB

1612. Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-10 22:25:44 UTC
From: la7um
Topic: 1595 Message: 1612

Rick. I have a local group friend succeding recently after some trial and error running WINMOR with just that TS 590 and internal soundcard.
I will ask him. 73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Ron,
>
> O wasnâ☐☐t aware that Kenwood had a transceiver with a built in sound card (similar to the Icom 7200 and 7600) In the Icom you can still use PTT keying (CAT control) over the same USB cable...not sure if the Kenwood is like that. If you have a manual in electronic form on the TS-590 can you send it to me?
>
> Thanks
>
> Rick KN6KB
>

1613. Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-10 22:31:13 UTC
From: Robert
Topic: 1595 Message: 1613

Well, I upgraded to 0.5.0.0 and it no longer shows any latency readings for me. So I'm stumped for the moment.

I tried the DPC latency checker (Thanks Ian) and all readings were below 400uSec. And I was going to try disabling NOD32 etc. (thanks Tom and Chris), but since I am not getting any T>R latency numbers at the moment, there is no point in that.

Also, a note to Rick: On my PC (Windows 7, 1920x1200) the last two versions scroll the receive window such that 1/2 of the last line is consistently cut off by the bottom of the receive window.

Bob N7ZO

--- In V4Protocol@yahoogroups.com, "Chris" <cbmuir@...> wrote:
>
> I have had the same problem. Using XP SP3 and latest 0.5.0.0.
>
> Problem completely solved by disabling my Nod32 virus program.
>
> Latency on my machine is <100uS.
>
> 73, Chris ZL1BOE
>
> --- In V4Protocol@yahoogroups.com, "Robert" <rwright@> wrote:
> >
> > Rick,
> >
> > While calling CQ, my version 0.4.5.0 TNC measured T>R latency is jumping all over from 100mSec to 1100mSec or so. I have measured the actual T/R recovery time from audio recorded at the radio and it is always around 25-30 mSec.
> >
> > Audio receive level is in the middle of the TNC level bar. Computer is a recent quad-core running Windows 7. The radio is an Elecraft K3 and I have tried both using software TX/RX commands at 38.4kbaud and RTS to PTT on an additional com port.
> >
> > Earlier versions of the TNC have also been showing the relatively long T>R times, but it seems worse in the last version.
> >
> > Nothing in the exceptions log and not much in the debug log:
> >
> > *** Freq Changed: 14073.00 KHz Dial
> > 2011/08/09 22:58:46 {Status} *** Calling CQ de N7ZO
> > 2011/08/09 22:59:16 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
> > 2011/08/09 22:59:48 {Status} *** Calling CQ de N7ZO
> > 2011/08/09 23:00:17 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
> > 2011/08/09 23:00:24 {Rcv Txt Err} "hgrqZ=jjiy?

> > 2011/08/09 23:00:45 {Status} *** Calling CQ de N7ZO
> > 2011/08/09 23:01:15 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
> >
> > Please let me know if I can provide any further information.
> >
> > Bob, N7ZO
> >
>

1614. Re: [V4Protocol] Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-10 22:43:06 UTC
From: Ron Wenig
Topic: 1595 Message: 1614

Rick,

It's on the way. Yes, the ptt keying is handled by the same USB cable.
It uses a virtual com port driver that you can download from Kenwood.

Ron ny3j

On 8/10/2011 6:17 PM, Rick Muething wrote:
>
> Ron,
> O wasn’t aware that Kenwood had a transceiver with a built in sound
> card (similar to the Icom 7200 and 7600) In the Icom you can still
> use PTT keying (CAT control) over the same USB cable...not sure if the
> Kenwood is like that. If you have a manual in electronic form on the
> TS-590 can you send it to me?
> Thanks
> Rick KN6KB
>

1615. Re: [V4Protocol] Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-10 22:46:55 UTC
From: Rick Muething
Topic: 1595 Message: 1615

Bob, All

The scrolling of the Rich text boxes is a little messy in Windows. They allow the box to be a non integral number of lines which can cut off all or part of the last text line. I will work on long term solution for this (it messy) but in the mean time you can (I confirmed this on several computers) find an adjustment of the Session text box height (by dragging the horizontal splitter) such that at least most of the last line of the session box is visible as it arrives.

This version (0.5.0.0) now also allows you to scroll up locking the auto scrolling. Incoming data is still captured and then displayed after scroll Locking is turned off (or times out after 30 seconds)

There were no changes whatsoever in the latency measuring code or technique in the last several versions.

73,

Rick KN6KB

1616. CHAT MODE VERSUS QSO MODE

Yahoo group: V4Protocol
Date: 2011-08-10 22:54:18 UTC
From: Chris
Topic: 1616 Message: 1616

I realise that the new program is called V4 "Chat" because it aims to emulate the chat mode functionality found in internet programs like Skype and many others. But it seems to me in the HF ham radio environment "QSO mode" might be better in many circumstances i.e. conversation is formatted into "overs" rather than short sentences.

Both in ARQ and FEC, V4 use of cntrl<ent> or Queue Data button makes it hard to handle the normal "QSO" situation. For example, in ARQ unless the ISS keeps remembering to hit cntrl<ent> or "queue data" every few words the buffer will empty and the link may turn around unintentionally - because the IRS already has some text waiting in his buffer. And in FEC I think something similar can happen. Transmission keeps halting unless the operator remembers to keep using the cntrl<ent> sequence every few words. And if the other party to the qso has some text - maybe incomplete - already in his buffer then his station may detect "channel clear" and transmit what may be an incomplete chunk of text. Messy!

Both these situations were nicely handled in earlier ARQ modes like Amtor and Pactor 1. Both used the space character ("wordout") at the end of each word to pass the text from the transmit screen to the transmit buffer. And both allowed the operator to decide on ARQ turnaround and FEC transmit via operator entered control codes.

Of course it is likely these issues will be taken care of in future if V4 is incorporated into multi mode software like FLDIGI, MixW and the like. But even right now, in the Beta stage, it would make V4 easier to manage. Even "wordout" on it's own would be a help.

73, Chris ZL1BOE

1617. Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-10 22:54:26 UTC
From: Robert
Topic: 1595 Message: 1617

Suddenly, 0.5.0.0 is showing the latency measurements when I call CQ (14.073 @ 50W from Portland, Oregon). I tried disabling NOD32, but am still getting high and variable readings from 150 to 1100 mSec. I will research this more as time allows.

Bob, N7ZO

--- In V4Protocol@yahoogroups.com, "Robert" <rwright@...> wrote:
>
> Well, I upgraded to 0.5.0.0 and it no longer shows any latency readings for me. So I'm stumped for the moment.
>
> I tried the DPC latency checker (Thanks Ian) and all readings were below 400uSec. And I was going to try disabling NOD32 etc. (thanks Tom and Chris), but since I am not getting any T>R latency numbers at the moment, there is no point in that.
>
> Also, a note to Rick: On my PC (Windows 7, 1920x1200) the last two versions scroll the receive window such that 1/2 of the last line is consistently cut off by the bottom of the receive window.
>
> Bob N7ZO
>
>
> --- In V4Protocol@yahoogroups.com, "Chris" <cbmuir@> wrote:
> >
> > I have had the same problem. Using XP SP3 and latest 0.5.0.0.
> >
> > Problem completely solved by disabling my Nod32 virus program.
> >
> > Latency on my machine is <100uS.
> >
> > 73, Chris ZL1BOE
> >
> > --- In V4Protocol@yahoogroups.com, "Robert" <rwright@> wrote:
> > >
> > > Rick,
> > >
> > > While calling CQ, my version 0.4.5.0 TNC measured T>R latency is jumping all over from 100mSec to 1100mSec or so. I have measured the actual T/R recovery time from audio recorded at the radio and it is always around 25-30 mSec.
> > >
> > > Audio receive level is in the middle of the TNC level bar. Computer is a recent quad-core running Windows 7. The radio is an Elecraft K3 and I have tried both using software TX/RX commands at 38.4kbaud and RTS to PTT on an additional com port.
> > >
> > > Earlier versions of the TNC have also been showing the relatively long T>R times, but

it seems worse in the last version.
> > >
> > > Nothing in the exceptions log and not much in the debug log:
> > >
> > > *** Freq Changed: 14073.00 KHz Dial
> > > 2011/08/09 22:58:46 {Status} *** Calling CQ de N7ZO
> > > 2011/08/09 22:59:16 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
> > > 2011/08/09 22:59:48 {Status} *** Calling CQ de N7ZO
> > > 2011/08/09 23:00:17 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
> > > 2011/08/09 23:00:24 {Rcv Txt Err} "hgrqZ=jjiy?
> > > 2011/08/09 23:00:45 {Status} *** Calling CQ de N7ZO
> > > 2011/08/09 23:01:15 {Status} * DISCONNECTED ARQ Timeout... Outbound buffer purged.
> > >
> > > Please let me know if I can provide any further information.
> > >
> > > Bob, N7ZO
> > >
> >
>

1618. Re: [V4Protocol] Re: Important V4Chat Update 0.5.0.0

Yahoo group: V4Protocol
Date: 2011-08-10 23:48:13 UTC
From: David Boswell
Topic: 1604 Message: 1618

Found my problem, I had both DTR and RTS set. In my setup (RIGblaster PnP FT-817)
this was also keying via the CW interface hence the extra delay. Using only RTS now and back to 120 ms

On Wed, Aug 10, 2011 at 1:37 PM, Bob Thornton <bob.thornton@...>wrote:

> Using CAT control and see no difference 40-60 ms
>
> Bob
>
> G3WKW
>
> --- In V4Protocol@yahoogroups.com, David Boswell <dave@...> wrote:
> >
> > I am up on 20 and 30 with .5
> >
> > On the rig keyed via DTR I notice latency double from 120 - 140 with v.4
> to
> > 230 - 260 v.5
> >
> > The rig using VOX I see no change.
> >
> > de
> > N7VVX
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>
>

1619. 7073.0 Khz with V 0.5.0.0

Yahoo group: V4Protocol
Date: 2011-08-11 00:11:57 UTC
From: Dick Lamberson
Topic: 1619 Message: 1619

0011z for about an hour -
Thanks,
Dick, W4WEB

1620. Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-11 04:20:14 UTC
From: Robert
Topic: 1595 Message: 1620

Hi Rick,

I've written some rich text box code over the years and have used the following lines of code after adding text to the box:

```
richTextBox.SelectionLength = 0;
richTextBox.SelectionStart = richTextBox.Text.Length; //set selection to end
richTextBox.ScrollToCaret(); // and scroll to that to make sure we can see the last line written
```

You may be way ahead of me on this, but IIRC, this code has worked in the past.

Just to make sure, I just retested the code. It seems to properly space the last line above the bottom of the rich text box. BTW, this is C# code using Visual Studio 2010.

Bob, N7ZO

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Bob, All
>
> The scrolling of the Rich text boxes is a little messy in Windows. They allow the box to be a non integral number of lines which can cut off all or part of the last text line. I will work on long term solution for this (it messy) but in the mean time you can (I confirmed this on several computers) find an adjustment of the Session text box height (by dragging the horizontal splitter) such that at least most of the last line of the session box is visible as it arrives.
>
> This version (0.5.0.0) now also allows you to scroll up locking the auto scrolling. Incoming data is still captured and then displayed after scroll Locking is turned off (or times out after 30 seconds)
>
> There were no changes whatsoever in the latency measuring code or technique in the last several versions.
>
> 73,
>
> Rick KN6KB
>

1621. Re: [V4Protocol] Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-11 07:06:30 UTC
From: Ian Wade G3NRW
Topic: 1595 Message: 1621

___Original Message_____________________________________
From: Rick Muething <rmuething@...>
Date: Wed, 10 Aug 2011 Time: 18:17:40

>O wasn’t aware that Kenwood had a transceiver with a built in sound card
>(similar to the Icom 7200 and 7600) In the Icom you can still use PTT
>keying (CAT control) over the same USB cable...not sure if the Kenwood
>is like that. If you have a manual in electronic form on the TS-590 can you
>send it to me?
>

Rick

The TS-590S does indeed have a built-in sound card, and it works very
well. PTT is achieved by VOX over the USB connection.

Go to this page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

and follow the link:

"HOWTO set up the Kenwood TS-590S for Digital Data and Digital Voice
Operation "

Also on this page you will see links to all the TS-590S manuals.

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

1622. QRV soon V4 v,5.0.0.0

Yahoo group: V4Protocol
Date: 2011-08-11 09:56:40 UTC
From: Juhani
Topic: 1622 Message: 1622

Im on 7045 with OH7JJT and OH3NJC and later 14073 when back to Wild North QTH again from this village shop 2 miles away. Then "QRV" here by my 3g network N8 phone. 73 "Yussi" OH7TE/9 (i use call OH7TE V4 and WM)

1623. Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-11 10:12:37 UTC
From: ei5ds
Topic: 1595 Message: 1623

Hi Finn,

I have the TS590 and use the built-in USB sound card. Cat is used for the PTT. The setting in V4 is Kenwood TS480AUX. My T>R is 31 msecs.

The Cat control setup can be downloaded from Kenwood site.

It's a very neat setup with just one cable between rig and PC.

Successful QSO yesterday with OH7TE/Yussi in Lapland. Heard a number of weak W stations on 20m around 2100Z. Tried a few calls without much success. Hopefully when condx improve we will manage some more W/EI QSO's on V4.

73 de Ned/EI5DS

--- In V4Protocol@yahoogroups.com, "la7um" <la7um@...> wrote:
>
> Rick. I have a local group friend succeding recently after some trial and error running WINMOR with just that TS 590 and internal soundcard.
> I will ask him. 73. Finn/LA7UM
>

1624. Re: [V4Protocol] CHAT MODE VERSUS QSO MODE

Yahoo group: V4Protocol
Date: 2011-08-11 10:37:11 UTC
From: Rick Muething
Topic: 1616 Message: 1624

Chris,

Those are all reasonable observations. Lets separate two things:
1) The V4 protocol. It's a bit level protocol FEC or ARQ that moves bits (error free in the case of ARQ). That is completely independent of the GUI or mode in which it is used. That is one reason the V4TNC is kept separate and could be used by any other application supplying the GUI.

2) The V4Chat Functionality and GUI. This is a shell to interface the user to the V4TNC. It has no real knowledge of the protocol details it only works via simple messages (via local TCP) to/from the TNC. This is the program that controls how data is entered, displayed, radio is controlled, spell checked etc etc.

Most of the work to date (in terms of my effort and hours) has been on the protocol itself and the V4TNC. Without that working reliably there is no need for any GUI like V4Chat.

Now there are an infinite number of ways to handle the exchange, turnover, data entry and display and I am sure that no two people would agree on what is best in that respect. It's a personal thing. Lets take for example using the "word out" mechanism for transferring typed messages to the buffer. Yes it is more convenient since you never need to type Ctrl + CR but also you cannot go back and edit data except within the current word. That is a big restriction. Now I could put a switch that allows going both ways or even a switch that allows sending in one of 6 ways but that adds more complexity to the GUI program and what the user has to learn. (There are a still lot of people that still have trouble grasping the concept of ARQ and ISS or IRS states!)

I could also force users to use an OVER command or BREAK command within the GUI and protocol to switch ISS and IRS. There are some implications of that that do flow down into the protocol level but they can be handled. But those also add functional complexity. E.g. I am the IRS and I want to break the ISS ...he is still sending data. I can allow that (currently it is blocked) but then what do you do with the data the ISS already has queued? Do you dump it or send it later when you get to be ISS again or allow the ISS to edit it or what? The answers to these questions are not usually obvious and certainly each user will have his preference. Again it is not a question of can you do these things...certainly the GUI and even the protocol can be adapted but is there good reason that will look and feel right to the general user population.

The thought of using the chat type format was to try and mimic what you might do on a short message system. That is easy enough when you have a full duplex setup but as we know full duplex on HF is generally not possible so we have to adapt to a half duplex environment.

I am open to all suggestions but from experience I know that in this GUI area it is pretty much impossible to please everyone. And while it is possible to tailor the GUI (user options) when those users communicate there has to be some consistency in how things like half duplex are handled or there will be total chaos.

As I feel the protocol itself becomes more stable (e.g. that last rev made minor changes in the sync coding mechanism that improve its reliability in poor channel conditions...but it also made it incompatible with all prior versions) I will be able to spend more time on the GUI stuff. I also need to document well into a Programmers package how to interface to the V4TNC to encourage other developers to be able to incorporate the V4TNC and add their own GUI, Mail/message system etc. I know there are a lot of guys out there that can do the GUI (probably much better than I) but I also know there are only a handful that know how to write HF ARQ sound card protocols. This is the way I did the WINMOR protocol and now it is used by about half a dozen (that I know of) applications.

Your comments and feed back welcome.

Rick KN6KB

1625. Re: [V4Protocol] Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-11 10:44:33 UTC
From: Rick Muething
Topic: 1595 Message: 1625

Robert,

Thanks.

Yes that is basically what I am doing (but added buffering to hold incoming data while scrolled). The problem is in the actual rich text box. The ScrollToCaret does scroll down but the line is not always visible when you allow the size of the rich text box to be adjusted via something like the horizontal splitter (it has to do with the size of the box and the size of the font).

I have poked around on the web and this is a common problem reported. What I think might be the simplest solution is to simply add a temporary new line (CrLf) at the end before issuing the ScrollToCaret. And then when new text arrives simply remove that ending CrLf, append the new text, add back the temp CrLf and ScrollToCaret. That dummy new line should keep the text always visible. I'll play with that today.

Rick KN6KB

I

From: Robert
Sent: Thursday, August 11, 2011 12:20 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Measured T>R Latency jumping around

Hi Rick,

I've written some rich text box code over the years and have used the following lines of code after adding text to the box:

```
richTextBox.SelectionLength = 0;
richTextBox.SelectionStart = richTextBox.Text.Length; //set selection to end
richTextBox.ScrollToCaret(); // and scroll to that to make sure we can see the last line written
```

You may be way ahead of me on this, but IIRC, this code has worked in the past.

Just to make sure, I just retested the code. It seems to properly space the last line above the bottom of the rich text box. BTW, this is C# code using Visual Studio 2010.

Bob, N7ZO

--- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Bob, All
>
> The scrolling of the Rich text boxes is a little messy in Windows. They allow the box to be a non integral number of lines which can cut off all or part of the last text line. I

will work on long term solution for this (it messy) but in the mean time you can (I confirmed this on several computers) find an adjustment of the Session text box height (by dragging the horizontal splitter) such that at least most of the last line of the session box is visible as it arrives.
>
> This version (0.5.0.0) now also allows you to scroll up locking the auto scrolling. Incoming data is still captured and then displayed after scroll Locking is turned off (or times out after 30 seconds)
>
> There were no changes whatsoever in the latency measuring code or technique in the last several versions.
>
> 73,
>
> Rick KN6KB
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1392 / Virus Database: 1520/3826 - Release Date: 08/10/11

1626. Re: [V4Protocol] Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-11 10:52:38 UTC
From: Rick Muething
Topic: 1595 Message: 1626

Ian,

Thanks. A good reference. It seems pretty similar to the Icom 7200 but the Icom requires a PTT on/off command (it is just one of the control or CAT commands that go over the virtual com port of the USB). I suspect the TS-590 also has a PTT on/off command (other Kenwood radios like the TS-480 and TS-2000 do).

One thing is for sure: A single USB cable connection for Control and audio(via the built in sound card) is sure the easiest way to hook up radios like the TS-590, IC 7200 and IC 7600. I suspect we'll see this becoming standard on virtually all new HF radios (the codec chip and USB interface are dirt cheap compared to the radio!)

Rick KN6KB

1627. Re: [V4Protocol] Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-11 10:54:06 UTC
From: Rick Muething
Topic: 1595 Message: 1627

Thanks Ned,
That is good info to have. I'll include a selection item for the TS-590 in the radio control section in a future release.

Rick KN6KB

1628. 100% Reliable QSO w/ K1DOW (Russ) w/ V4 Chat, Version 0.5.0 .0 (Ref: 14073 KHz)

Yahoo group: V4Protocol
Date: 2011-08-11 14:29:07 UTC
From: George Murphy
Topic: 1628 Message: 1628

Rick,

This is a brief message to let you know that your new V4 Chat, Version 0.5.0 0 appears to be working AOK at this QTH! A few minutes ago I completed a 15 minutes ARQ Mode qso with K1DOW (Russ) in Arcadia, FL. Russ is located 1223 4 miles from my "shack" here in Southern New Hampshire per the QRZ.com database. I am running 20 watts into a 7 el yagi up 55 feet. My O/S is Windows XP Professional. We experienced "no dropouts or disconnects" during the entire qso. Russ's R/S was about 5/8 with me w/ a slight bit of QSB. However, the band condx between us did not degrade the 100% reliable contact we experienced via the referenced band and frequency. My " Measured T>R Latency Reading" remained close to 67ms during the entire QSO. K1DOW and I switched to V4 Chat's "FEC Mode" briefly at the conclusion of our successful ARQ Mode contact. The text data we shared between our two (2) stations using the FEC Mode was also 100% reliable and no errors were recorded on this end of the QSO.

In closing, I hope this brief bit of feedback in useful to you and other hams using your new Version 5.0 release. On behalf of the worldwide community of ham radio operators, thanks for devoting your time, talent and programming skills to bringing these new and exciting digital modes to us. We certainly appreciate all that you have done and continue to do via the development of these wonderful digital communication modes for the best hobby in the world - Ham Radio! Good luck and we wish you continued success

73,
George A. Murphy, K3RQ
Milford, New Hampshire

-------Original Message-------

From: Rick Muething
Date: 8/11/2011 6:54:20 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Measured T>R Latency jumping around

Thanks Ned,
That is good info to have. I’ll include a selection item for the TS-590 in the radio control section in a future release.

Rick KN6KB

1629. Re: [V4Protocol] 100% Reliable QSO w/ K1DOW (Russ) w/ V4 Chat, Version 0.5.0 .0 (Ref: 14073 KHz)

Yahoo group: V4Protocol
Date: 2011-08-11 14:48:57 UTC
From: Rick Muething
Topic: 1628 Message: 1629

Thanks George...Appreciate your comments. We are making progress thanks to you guys doing the sometimes drudgery work of testing and putting up with bugs. We'll get there and hopefully soon can start putting a bit more polish on the user interface part of it.

73,

Rick KN6KB

1630. Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-11 15:32:43 UTC
From: Robert
Topic: 1595 Message: 1630

Good idea Rick. The temporary new line should work well enough. I wonder why I don't have the problem with my test code. I have not used a splitter, so that may be the difference. I too will have to poke around a bit more.

Bob N7ZO

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Robert,
>
> Thanks.
>
> Yes that is basically what I am doing (but added buffering to hold incoming data while scrolled). The problem is in the actual rich text box. The ScrollToCaret does scroll down but the line is not always visible when you allow the size of the rich text box to be adjusted via something like the horizontal splitter (it has to do with the size of the box and the size of the font).
>
> I have poked around on the web and this is a common problem reported. What I think might be the simplest solution is to simply add a temporary new line (CrLf) at the end before issuing the ScrollToCaret. And then when new text arrives simply remove that ending CrLf, append the new text, add back the temp CrLf and ScrollToCaret. That dummy new line should keep the text always visible. Iâ☐☐ll play with that today.
>
> Rick KN6KB
>
> I
>
> From: Robert
> Sent: Thursday, August 11, 2011 12:20 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Measured T>R Latency jumping around
>
>
>
>
>
> Hi Rick,
>
> I've written some rich text box code over the years and have used the following lines of code after adding text to the box:
>
> richTextBox.SelectionLength = 0;
> richTextBox.SelectionStart = richTextBox.Text.Length; //set selection to end
> richTextBox.ScrollToCaret(); // and scroll to that to make sure we can see the last line written
>
> You may be way ahead of me on this, but IIRC, this code has worked in the past.
>

> Just to make sure, I just retested the code. It seems to properly space the last line above the bottom of the rich text box. BTW, this is C# code using Visual Studio 2010.
>
> Bob, N7ZO
>
>
> --- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> >
> > Bob, All
> >
> > The scrolling of the Rich text boxes is a little messy in Windows. They allow the box to be a non integral number of lines which can cut off all or part of the last text line. I will work on long term solution for this (it messy) but in the mean time you can (I confirmed this on several computers) find an adjustment of the Session text box height (by dragging the horizontal splitter) such that at least most of the last line of the session box is visible as it arrives.
> >
> > This version (0.5.0.0) now also allows you to scroll up locking the auto scrolling. Incoming data is still captured and then displayed after scroll Locking is turned off (or times out after 30 seconds)
> >
> > There were no changes whatsoever in the latency measuring code or technique in the last several versions.
> >
> > 73,
> >
> > Rick KN6KB
> >
>
>
>
>
> ---
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1392 / Virus Database: 1520/3826 - Release Date: 08/10/11
>

1631. Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-11 22:50:40 UTC
From: la7um
Topic: 1595 Message: 1631

Thanks Ned. What baud rate on CAT?. You are doing fine P2 40m to our LA3F, and Yussi fine WINMOR to LA3F-5 80m. We now aim for dual modes on both bands. 73 La7um/Finn-LA3F/LA3F-5

--- In V4Protocol@yahoogroups.com, "ei5ds" <ei5ds@...> wrote:
>
>
>
> Hi Finn,
>
> I have the TS590 and use the built-in USB sound card. Cat is used for the PTT. The setting in V4 is Kenwood TS480AUX. My T>R is 31 msecs.
>
> The Cat control setup can be downloaded from Kenwood site.
>
> It's a very neat setup with just one cable between rig and PC.
>
> Successful QSO yesterday with OH7TE/Yussi in Lapland. Heard a number of weak W stations on 20m around 2100Z. Tried a few calls without much success. Hopefully when condx improve we will manage some more W/EI QSO's on V4.
>
> 73 de Ned/EI5DS
>
>
>
> --- In V4Protocol@yahoogroups.com, "la7um" <la7um@> wrote:
> >
> > Rick. I have a local group friend succeding recently after some trial and error running WINMOR with just that TS 590 and internal soundcard.
> > I will ask him. 73. Finn/LA7UM
> >
>

1632. Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-11 22:56:25 UTC
From: la7um
Topic: 1595 Message: 1632

Ian, is it so that you actually can choose either using VOX or CAT PTT, and both alternatives chosen in setup via USB? What a rig. Tuner as well? 73 de la7um Finn (who doesn't have a TS 590)

--- In V4Protocol@yahoogroups.com, Ian Wade G3NRW <g3nrw-radio@...> wrote:
>
> ___Original Message_____
> From: Rick Muething <rmuething@...>
> Date: Wed, 10 Aug 2011 Time: 18:17:40
>
> >O wasnâ□□t aware that Kenwood had a transceiver with a built in sound card
> >(similar to the Icom 7200 and 7600)Â In the Icom you can still use PTT
> >keying (CAT control) over the same USB cable...not sure if the Kenwood
> >is like that. If you have a manual in electronic form on the TS-590 can you
> >send it to me?
> >Â
>
>
> Rick
>
> The TS-590S does indeed have a built-in sound card, and it works very
> well. PTT is achieved by VOX over the USB connection.
>
> Go to this page:
>
> http://homepage.ntlworld.com/wadei/ts-590s.htm
>
> and follow the link:
>
> "HOWTO set up the Kenwood TS-590S for Digital Data and Digital Voice
> Operation "
>
> Also on this page you will see links to all the TS-590S manuals.
>
> --
> 73
> Ian, G3NRW
>
> The TS-590S Resources Page:
> http://homepage.ntlworld.com/wadei/ts-590s.htm
>

1633. DISAPPEARING TNC screen

Yahoo group: V4Protocol
Date: 2011-08-12 01:40:41 UTC
From: Hoby KK8G
Topic: 1633 Message: 1633

While John, KJ1J, and I were in session on FEC (couldn't maintain contact on ARQ) I must have hit some key stroke, the TX and RX boxes stretched out to the entire screen height. I lost the TNC box. I could click on the minimized box for the TNC and see it, but when I typed the next letter, it would again disappear. (It was hidden under the Chat screen, but couldn't get it back on top.)
Like to know what I did, and how to correct it when I do it next time. With my fat fingers, I'm sure I'll do it..
Hoby KK8G/AFA5HF

1634. RE: DISAPPEARING TNC screen

Yahoo group: V4Protocol
Date: 2011-08-12 01:43:29 UTC
From: Hoby KK8G
Topic: 1633 Message: 1634

DUUHHH!! Found out what I did. really dumb not to think of it earlier..
Sorry..
73
Hoby KK8G/AFA5HF

1635. Re: [V4Protocol] RE: DISAPPEARING TNC screen

Yahoo group: V4Protocol
Date: 2011-08-12 02:16:09 UTC
From: Ron Wenig
Topic: 1633 Message: 1635

Hoby, tell us so we don't have to dope slap ourselves when we do it :-)

73, Ron ny3j

On 8/11/2011 9:43 PM, Hoby KK8G wrote:
>
> DUUHHH!! Found out what I did. really dumb not to think of it earlier..
> Sorry..
> 73
> Hoby KK8G/AFA5HF
>
>

1636. Re: [V4Protocol] Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-12 05:12:03 UTC
From: Ian Wade G3NRW
Topic: 1595 Message: 1636

___Original Message_____________________________________
From: la7um <la7um@...>
Date: Thu, 11 Aug 2011 Time: 22:56:25

>Ian, is it so that you actually can choose either using VOX or CAT PTT,
>and both alternatives chosen in setup via USB?

Hi Finn

You can certainly use the USB connection for CAT control, but I am not sure if you can transmit (digitized) audio tones over the USB connection *and* send CAT commands over the same USB connection at the same time. I have only tried VOX PTT over USB. Maybe somebody could expand on this?

However, the TS590-S also has a serial port that you can use for CAT, in which case you could definitely use that port for CAT PTT and the USB for audio.

>What a rig.

It sure is!

>Tuner as well?

Tuner?

>73 de la7um Finn (who doesn't have a TS 590)

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

1637. Re: [V4Protocol] RE: DISAPPEARING TNC screen

Yahoo group: V4Protocol
Date: 2011-08-12 15:07:48 UTC
From: Hoby KK8G
Topic: 1633 Message: 1637

Well, hate to admit it but when I clicked on the "Queue data" box, I inadvertently hit the "maximize" box and the program did what it was supposed to do. It maximized to the entire screen. Evidently the V4CHAT screen is set to be "always on top" and that worked also..
Weird when programs work like they are designed ;)
Senior moment along with fat fingers, I suppose..
Hoby KK8G/AFA5HF

----- Original Message -----
From: Ron Wenig
To: V4Protocol@yahoogroups.com
Sent: Thursday, August 11, 2011 10:16 PM
Subject: Re: [V4Protocol] RE: DISAPPEARING TNC screen

Hoby, tell us so we don't have to dope slap ourselves when we do it :-)

73, Ron ny3j

On 8/11/2011 9:43 PM, Hoby KK8G wrote:

DUUHHH!! Found out what I did. really dumb not to think of it earlier..
Sorry..
73
Hoby KK8G/AFA5HF

1638. Re: [V4Protocol] RE: DISAPPEARING TNC screen

Yahoo group: V4Protocol
Date: 2011-08-12 15:30:07 UTC
From: Ed Woods WD9DVA
Topic: 1633 Message: 1638

----- Original Message -----
From: Hoby KK8G
To: V4Protocol@yahoogroups.com
Sent: Friday, August 12, 2011 15:07
Subject: Re: [V4Protocol] RE: DISAPPEARING TNC screen

Well, hate to admit it but when I clicked on the "Queue data" box, I inadvertently hit the "maximize" box and the program did what it was supposed to do. It maximized to the entire screen. Evidently the V4CHAT screen is set to be "always on top" and that worked also..
Weird when programs work like they are designed ;)
Senior moment along with fat fingers, I suppose..
Hoby KK8G/AFA5HF

----- Original Message -----
From: Ron Wenig
To: V4Protocol@yahoogroups.com
Sent: Thursday, August 11, 2011 10:16 PM
Subject: Re: [V4Protocol] RE: DISAPPEARING TNC screen

Hoby, tell us so we don't have to dope slap ourselves when we do it :-)

73, Ron ny3j

On 8/11/2011 9:43 PM, Hoby KK8G wrote:

DUUHHH!! Found out what I did. really dumb not to think of it earlier..
Sorry..
73
Hoby KK8G/AFA5HF

1639. Re: [V4Protocol] RE: DISAPPEARING TNC screen

Yahoo group: V4Protocol
Date: 2011-08-12 15:31:17 UTC
From: Ed Woods WD9DVA
Topic: 1633 Message: 1639

Hey Hoby, I'm playing around on 7073 (121530Z) 73 Ed AFA5QW (WD9DVA)
----- Original Message -----
From: Hoby KK8G
To: V4Protocol@yahoogroups.com
Sent: Friday, August 12, 2011 15:07
Subject: Re: [V4Protocol] RE: DISAPPEARING TNC screen

Well, hate to admit it but when I clicked on the "Queue data" box, I inadvertently hit the "maximize" box and the program did what it was supposed to do. It maximized to the entire screen. Evidently the V4CHAT screen is set to be "always on top" and that worked also..
Weird when programs work like they are designed ;)
Senior moment along with fat fingers, I suppose..
Hoby KK8G/AFA5HF

----- Original Message -----
From: Ron Wenig
To: V4Protocol@yahoogroups.com
Sent: Thursday, August 11, 2011 10:16 PM
Subject: Re: [V4Protocol] RE: DISAPPEARING TNC screen

Hoby, tell us so we don't have to dope slap ourselves when we do it :-)

73, Ron ny3j

On 8/11/2011 9:43 PM, Hoby KK8G wrote:

DUUHHH!! Found out what I did. really dumb not to think of it earlier..
Sorry..
73
Hoby KK8G/AFA5HF

1640. Re: [V4Protocol] RE: DISAPPEARING TNC screen

Yahoo group: V4Protocol
Date: 2011-08-12 15:43:28 UTC
From: Ron Wenig
Topic: 1633 Message: 1640

Hoby, thanks, I'll remember that one.

Ed, good connect but we couldn't sync. It looked like good signals but
I guess the condx are not there.

73, Ron ny3j

On 8/12/2011 11:31 AM, Ed Woods WD9DVA wrote:
>
> /Hey Hoby, I'm playing around on 7073 (121530Z) 73 Ed AFA5QW (WD9DVA)/
>
> ----- Original Message -----
> *From:* Hoby KK8G <mailto:kk8g@...>
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Friday, August 12, 2011 15:07
> *Subject:* Re: [V4Protocol] RE: DISAPPEARING TNC screen
>
> Well, hate to admit it but when I clicked on the "Queue data" box,
> I inadvertently hit the "maximize" box and the program did what it
> was supposed to do. It maximized to the entire screen. Evidently
> the V4CHAT screen is set to be "always on top" and that worked
> also.. Weird when programs work like they are designed ;)
> Senior moment along with fat fingers, I suppose..
> Hoby KK8G/AFA5HF
>
> ----- Original Message -----
> *From:* Ron Wenig <mailto:rwenig@...>
> *To:* V4Protocol@yahoogroups.com
> <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Thursday, August 11, 2011 10:16 PM
> *Subject:* Re: [V4Protocol] RE: DISAPPEARING TNC screen
>
> Hoby, tell us so we don't have to dope slap ourselves when we
> do it :-)
>
> 73, Ron ny3j
>
> On 8/11/2011 9:43 PM, Hoby KK8G wrote:
>
>> DUUHHH!! Found out what I did. really dumb not to think of it
>> earlier..
>> Sorry..
>> 73
>> Hoby KK8G/AFA5HF
>>
>

1641. RE: [V4Protocol] RE: DISAPPEARING TNC screen

Yahoo group: V4Protocol
Date: 2011-08-12 20:15:34 UTC
From: abel dasilva
Topic: 1633 Message: 1641

i had full qso with wb0e, but i was getting to many repetes , with 599 report , why my cat interface on my yaesu ft 1000-d guess not working any help

To: V4Protocol@yahoogroups.com
From: rwenig@...
Date: Fri, 12 Aug 2011 11:43:28 -0400
Subject: Re: [V4Protocol] RE: DISAPPEARING TNC screen

Hoby, thanks, I'll remember that one.

Ed, good connect but we couldn't sync. It looked like good signals
but I guess the condx are not there.

73, Ron ny3j

On 8/12/2011 11:31 AM, Ed Woods WD9DVA wrote:

Hey Hoby, I'm playing around
on 7073 (121530Z) 73 Ed AFA5QW (WD9DVA)

----- Original Message

From:
Hoby KK8G
To: V4Protocol@yahoogroups.com

Sent: Friday, August
12, 2011 15:07
Subject: Re:
[V4Protocol] RE: DISAPPEARING TNC screen

Well, hate to admit it but when I
clicked on the "Queue data" box, I inadvertently hit
the "maximize" box and the program did what it was
supposed to do. It maximized to the entire screen.
Evidently the V4CHAT screen is set to be "always on
top" and that worked also.. Weird when programs work
like they are designed ;)
Senior moment along with fat
fingers, I suppose..
Hoby KK8G/AFA5HF

----- Original Message

From:
Ron Wenig
To: V4Protocol@yahoogroups.com

Sent: Thursday,
August 11, 2011 10:16 PM
Subject: Re:
[V4Protocol] RE: DISAPPEARING TNC screen

Hoby, tell us so we don't have to dope slap
ourselves when we do it :-)

73, Ron ny3j

On 8/11/2011 9:43 PM, Hoby KK8G wrote:

DUUHHH!! Found out what I did. really dumb
not to think of it earlier..

Sorry..

73

Hoby KK8G/AFA5HF

1642. Re: [V4Protocol] RE: DISAPPEARING TNC screen

Yahoo group: V4Protocol
Date: 2011-08-12 22:20:23 UTC
From: Rick Muething
Topic: 1633 Message: 1642

Abel,
The debug log tells 10,000 times more details than your message. Learn how to capture it (in the Help) and send it to me as an attachment with a pointer to about what time the QSO was.

Rick KN6KB

1643. Re: Measured T>R Latency jumping around

Yahoo group: V4Protocol
Date: 2011-08-13 00:09:57 UTC
From: la7um
Topic: 1595 Message: 1643

Thanks Ian, and a very informative link. With "Tuner as well" I meant Antenna tuner, but found the confirmartion on that from the link. 73 de la7um Finn.

--- In V4Protocol@yahoogroups.com, Ian Wade G3NRW <g3nrw-radio@...> wrote:
>
> ___Original Message_____________________________________
> From: la7um <la7um@...>
> Date: Thu, 11 Aug 2011 Time: 22:56:25
>
> >Ian, is it so that you actually can choose either using VOX or CAT PTT,
> >and both alternatives chosen in setup via USB?
>
> Hi Finn
>
> You can certainly use the USB connection for CAT control, but I am not
> sure if you can transmit (digitized) audio tones over the USB connection
> *and* send CAT commands over the same USB connection at the same time. I
> have only tried VOX PTT over USB. Maybe somebody could expand on this?
>
> However, the TS590-S also has a serial port that you can use for CAT, in
> which case you could definitely use that port for CAT PTT and the USB
> for audio.
>
>
> >What a rig.
>
> It sure is!
>
>
>
> >Tuner as well?
>
> Tuner?
>
> >73 de la7um Finn (who doesn't have a TS 590)
>
>
>
> --
> 73
> Ian, G3NRW
>
> The TS-590S Resources Page:
> http://homepage.ntlworld.com/wadei/ts-590s.htm
>

1644. Re: CHAT MODE VERSUS QSO MODE

Yahoo group: V4Protocol
Date: 2011-08-13 04:22:59 UTC
From: wb6yte
Topic: 1616 Message: 1644

Thanks for the explanation, Rick. I look forward to your development of the physical layer protocol. I think a <= 200Hz wide ARQ mode with automatic mode negotiation will become a very popular addition to the digital modes.

The chat mode had me confused until this explanation. The main problems I have had with it are the requirement to press <ctrl-enter> to transfer the text to the TX window and the 'dead air' idle time after the BTU while the other station is typing a response. I understand the chat client is just a tool for testing the OTA protocol but I was wondering if it would be helpful to do the text transfer with just a <enter> like the common internet chat clients?

Are there any free chat clients available that could be adapted for this so you could keep your focus on the modulation and ARQ protocols? What about the possibility of using just a simple terminal program?

I agree with Chris that the QSO mode might be worth trying. It might make the operation a little smoother for us since we are all more accustomed to that style of operation.

Your documentation says that the transmission is framed in 16 character blocks. Do you plan to implement variable block sizes in the future?

Thanks for your good work.

Ed
WB6YTE

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Chris,
>
> Those are all reasonable observations. Lets separate two things:
> 1) The V4 protocol. Itâ□□s a bit level protocol FEC or ARQ that moves bits (error free in the case of ARQ). That is completely independent of the GUI or mode in which it is used. That is one reason the V4TNC is kept separate and could be used by any other application supplying the GUI.
>
> 2) The V4Chat Functionality and GUI. This is a shell to interface the user to the V4TNC. It has no real knowledge of the protocol details it only works via simple messages (via local TCP) to/from the TNC. This is the program that controls how data is entered, displayed, radio is controlled, spell checked etc etc.
>
> Most of the work to date (in terms of my effort and hours) has been on the protocol itself and the V4TNC. Without that working reliably there is no need for any GUI like V4Chat.
>
> Now there are an infinite number of ways to handle the exchange, turnover, data entry and display and I am sure that no two people would agree on what is best in that respect. Itâ□□s a personal thing. Lets take for example using the â□□word outâ□□ mechanism for transferring typed messages to the buffer. Yes it is more convenient since you never need to type Ctrl + CR but also you cannot go back and edit data except within the current word. That is a big

restriction. Now I could put a switch that allows going both ways or even a switch that allows sending in one of 6 ways but that adds more complexity to the GUI program and what the user has to learn. (There are a still lot of people that still have trouble grasping the concept of ARQ and ISS or IRS states!)
>
> I could also force users to use an OVER command or BREAK command within the GUI and protocol to switch ISS and IRS. There are some implications of that that do flow down into the protocol level but they can be handled. But those also add functional complexity. E.g. I am the IRS and I want to break the ISS ...he is still sending data. I can allow that (currently it is blocked) but then what do you do with the data the ISS already has queued? Do you dump it or send it later when you get to be ISS again or allow the ISS to edit it or what? The answers to these questions are not usually obvious and certainly each user will have his preference. Again it is not a question of can you do these things...certainly the GUI and even the protocol can be adapted but is there good reason that will look and feel right to the general user population.
>
> The thought of using the chat type format was to try and mimic what you might do on a short message system. That is easy enough when you have a full duplex setup but as we know full duplex on HF is generally not possible so we have to adapt to a half duplex environment.
>
> I am open to all suggestions but from experience I know that in this GUI area it is pretty much impossible to please everyone. And while it is possible to tailor the GUI (user options) when those users communicate there has to be some consistency in how things like half duplex are handled or there will be total chaos.
>
> As I feel the protocol itself becomes more stable (e.g. that last rev made minor changes in the sync coding mechanism that improve its reliability in poor channel conditions...but it also made it incompatible with all prior versions) I will be able to spend more time on the GUI stuff. I also need to document well into a Programmers package how to interface to the V4TNC to encourage other developers to be able to incorporate the V4TNC and add their own GUI, Mail/message system etc. I know there are a lot of guys out there that can do the GUI (probably much better than I) but I also know there are only a handful that know how to write HF ARQ sound card protocols. This is the way I did the WINMOR protocol and now it is used by about half a dozen (that I know of) applications.
>
> Your comments and feed back welcome.
>
> Rick KN6KB
>

1645. Re: [V4Protocol] Re: CHAT MODE VERSUS QSO MODE

Yahoo group: V4Protocol
Date: 2011-08-13 12:04:11 UTC
From: Rick Muething
Topic: 1616 Message: 1645

Ed,

The problem as I mentioned in that last reply is that this is half duplex. (Pretty hard to send and receive on the same frequency at the same time on HF!). So you always in any half duplex ARQ Protocol (AMTOR, PACTOR 1,2,3, WINMOR, V4 etc) have a lag where the receiving station (IRS) must wait for the sending station (ISS) to complete and then transfer the link. There are a few ways to do this with OVER and BREAK commands but V4Chat currently does it automatically when the buffer runs “dry” and the other side has something to say (“buffer > 0”) . It is not a questions of “finding a free chat client” available...it is one of working through the logic of how do you send text and reliably exchange IRS<>ISS in a half duplex channel. I think if you sit down and work through the details of that you may get a better understanding of why it works like it does.

Sending the text to the buffer on "Enter” is a trivial change ....but it also doesn’t allow you to edit anything after you have hit the Enter. In fact my original version of V4Chat used that and most agreed it wasn’t the best way. Again one has to think through the logic of when do I want to COMMIT this text for transmission and when do I want to still be able to edit it.

Variable size blocks are possible but always a tradeoff:
1) Short blocks are very inefficient. For each block transmission you have two leaders (IRS and ISS), two syncs, two holdoff times for latency (currently 300 ms each), one CRC byte and 6 Viterbi flush symbols....that is ALL overhead to actually sending the 16 characters of data. So the gain is not linear at all (e.g. half the size will end up with something like 25% less throughput)

2) You have to add sync types for each block size desired....the program has to know for how many symbols to look for the data (remember its very noisy most of the time). So you would need a different sync for 16 chararacters, 8 characters, 32 characters etc). You can’t reliably put the block size in the beginning of the data....what if you can’t decode the data?

3) Longer blocks are more efficient but also have more latency....You have to wait more and that is not well tolerated in a chat back and forth type of QSO. It is more efficient for sending large files or messages so is used in WINMOR for example where the frame time is about 2x V4’s 3 seconds.

I am open for any and all suggestions but it is important to really think them out to make sure they are solid logic and don’t compromise functions that are also necessary.

73,
Rick KN6KB

Your documentation says that the transmission is framed in 16 character blocks. Do you plan to implement variable block sizes in the future?

Thanks for your good work.

Ed
WB6YTE

--- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Chris,
>
> Those are all reasonable observations. Lets separate two things:
> 1) The V4 protocol. Itâ□□s a bit level protocol FEC or ARQ that moves bits (error free in the case of ARQ). That is completely independent of the GUI or mode in which it is used. That is one reason the V4TNC is kept separate and could be used by any other application supplying the GUI.
>
> 2) The V4Chat Functionality and GUI. This is a shell to interface the user to the V4TNC. It has no real knowledge of the protocol details it only works via simple messages (via local TCP) to/from the TNC. This is the program that controls how data is entered, displayed, radio is controlled, spell checked etc etc.
>
> Most of the work to date (in terms of my effort and hours) has been on the protocol itself and the V4TNC. Without that working reliably there is no need for any GUI like V4Chat.
>
> Now there are an infinite number of ways to handle the exchange, turnover, data entry and display and I am sure that no two people would agree on what is best in that respect. Itâ□□s a personal thing. Lets take for example using the â□□word outâ□□ mechanism for transferring typed messages to the buffer. Yes it is more convenient since you never need to type Ctrl + CR but also you cannot go back and edit data except within the current word. That is a big restriction. Now I could put a switch that allows going both ways or even a switch that allows sending in one of 6 ways but that adds more complexity to the GUI program and what the user has to learn. (There are a still lot of people that still have trouble grasping the concept of ARQ and ISS or IRS states!)
>
> I could also force users to use an OVER command or BREAK command within the GUI and protocol to switch ISS and IRS. There are some implications of that that do flow down into the protocol level but they can be handled. But those also add functional complexity. E.g. I am the IRS and I want to break the ISS ...he is still sending data. I can allow that (currently it is blocked) but then what do you do with the data the ISS already has queued? Do you dump it or send it later when you get to be ISS again or allow the ISS to edit it or what? The answers to these questions are not usually obvious and certainly each user will have his preference. Again it is not a question of can you do these things...certainly the GUI and even the protocol can be adapted but is there good reason that will look and feel right to the general user population.
>
> The thought of using the chat type format was to try and mimic what you might do on a short message system. That is easy enough when you have a full duplex setup but as we know full duplex on HF is generally not possible so we have to adapt to a half duplex environment.
>
> I am open to all suggestions but from experience I know that in this GUI area it is pretty much impossible to please everyone. And while it is possible to tailor the GUI (user options) when those users communicate there has to be some consistency in how things like half duplex are handled or there will be total chaos.
>
> As I feel the protocol itself becomes more stable (e.g. that last rev made minor changes in the sync coding mechanism that improve its reliability in poor channel conditions...but it also made it incompatible with all prior versions) I will be able to spend more time on the GUI stuff. I also need to document well into a Programmers package how to interface to the V4TNC to encourage other developers to be able to incorporate the V4TNC and add their own GUI, Mail/message system etc. I know there are a lot of guys out there that can do the GUI (probably much better than I) but I also know there are only a handful that know how to write HF ARQ sound card protocols.. This is the way I did the

WINMOR protocol and now it is used by about half a dozen (that I know of) applications.
>
> Your comments and feed back welcome.
>
> Rick KN6KB
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1392 / Virus Database: 1520/3829 - Release Date: 08/12/11

1646. Saturday 8/13

Yahoo group: V4Protocol
Date: 2011-08-13 13:37:22 UTC
From: Dick Lamberson
Topic: 1646 Message: 1646

Currently on 10131 looking for a station to test 0.5.0.0 with...
Thanks,
Dick, W4WEB

1647. Re: [V4Protocol] Saturday 8/13

Yahoo group: V4Protocol
Date: 2011-08-13 13:52:15 UTC
From: Phil Williams
Topic: 1646 Message: 1647

still on 30m dick??

On Sat, Aug 13, 2011 at 8:37 AM, Dick Lamberson <w4web@...> wrote:

> **
>
>
>
> □**
> Currently on 10131 looking for a station to test 0.5.0.0 with...
> Thanks,
> Dick, W4WEB
>
>
>

--
Philw de KA1GMN

1648. Re: [V4Protocol] Saturday 8/13

Yahoo group: V4Protocol
Date: 2011-08-13 13:53:39 UTC
From: Dick Lamberson
Topic: 1646 Message: 1648

yep

----- Original Message -----
From: Phil Williams
To: V4Protocol@yahoogroups.com
Sent: Saturday, August 13, 2011 9:52 AM
Subject: Re: [V4Protocol] Saturday 8/13

still on 30m dick??

On Sat, Aug 13, 2011 at 8:37 AM, Dick Lamberson <w4web@...> wrote:

☐

Currently on 10131 looking for a station to test 0.5.0.0 with...
Thanks,
Dick, W4WEB

--
Philw de KA1GMN

1649. Re: [V4Protocol] Saturday 8/13

Yahoo group: V4Protocol
Date: 2011-08-13 13:57:26 UTC
From: Phil Williams
Topic: 1646 Message: 1649

Copy is weak here dick. Also, I am not really confident with this setup here...phil

On Sat, Aug 13, 2011 at 8:53 AM, Dick Lamberson <w4web@...> wrote:

> **
>
>
> □**
> yep
>
>
> ----- Original Message -----
> *From:* Phil Williams <ka1gmn@...>
> *To:* V4Protocol@...m
> *Sent:* Saturday, August 13, 2011 9:52 AM
> *Subject:* Re: [V4Protocol] Saturday 8/13
>
>
>
> still on 30m dick??
>
> On Sat, Aug 13, 2011 at 8:37 AM, Dick Lamberson <w4web@...> wrote:
>
>> **
>>
>>
>> □**
>> Currently on 10131 looking for a station to test 0.5.0.0 with...
>> Thanks,
>> Dick, W4WEB
>>
>>
>
>
> --
> Philw de KA1GMN
>
>
>

--
Philw de KA1GMN

1650. Re: [V4Protocol] Saturday 8/13

Yahoo group: V4Protocol
Date: 2011-08-13 14:00:51 UTC
From: Phil Williams
Topic: 1646 Message: 1650

Dick,

The T/R latency test with 0.5.0.0...do you see the test results. Never is displayed on my end.

phil

On Sat, Aug 13, 2011 at 8:57 AM, Phil Williams <ka1gmn@...> wrote:

> Copy is weak here dick. Also, I am not really confident with this setup
> here...phil
>
>
> On Sat, Aug 13, 2011 at 8:53 AM, Dick Lamberson <w4web@...> wrote:
>
>> **
>>
>>
>> □**
>> yep
>>
>>
>> ----- Original Message -----
>> *From:* Phil Williams <ka1gmn@...>
>> *To:* V4Protocol@yahoogroups.com
>> *Sent:* Saturday, August 13, 2011 9:52 AM
>> *Subject:* Re: [V4Protocol] Saturday 8/13
>>
>>
>>
>> still on 30m dick??
>>
>> On Sat, Aug 13, 2011 at 8:37 AM, Dick Lamberson <w4web@...> wrote:
>>
>>> **
>>>
>>>
>>> □**
>>> Currently on 10131 looking for a station to test 0.5.0.0 with...
>>> Thanks,
>>> Dick, W4WEB
>>>
>>>
>>
>>

>> --
>> Philw de KA1GMN
>>
>>
>>
>
>
>
> --
> Philw de KA1GMN
>

```
--
Philw de KA1GMN
```

1651. Re: [V4Protocol] Re: CHAT MODE VERSUS QSO MODE

Yahoo group: V4Protocol
Date: 2011-08-13 17:35:18 UTC
From: John Hirth
Topic: 1616 Message: 1651

Rick and all,

In the recent "half duplex" paragraph Rick said "(Pretty hard to send and receive on the same frequency at the same time on HF!)."

Agreed.

It's been a while since I've used it, but you may want to take an hour or so and take a look at ALE400 mode in MultiPSK. After you wade through the user interface, if you can find another ALE400 user (make a sked on the K3UK pages, or perhaps use two back to back computers to test) you'll find your chat data flowing both ways almost simultaneously, at least in slow human terms. So much so, in fact that it can be a bit disconcerting when you ARE thinking in the half duplex paradigm. It almost seems like carrying on a conversational QSO in old AX.25 packet.

I'm not making a judgement here on the merits of half vs. a pseudo full duplex. Just pointing out a possible design consideration.

73, John W2KI

1652. Re: [V4Protocol] Saturday 8/13

Yahoo group: V4Protocol
Date: 2011-08-13 20:05:51 UTC
From: Dick Lamberson
Topic: 1646 Message: 1652

yes, I see it - but you have to have a "receive" signal just beyond the "rcv level" bar. With my SignaLink unit (on my notebook computer) - I had to change some of the settings in the setup to get more signal. Prior to that, I had no T/R latency showing when calling CQ...

----- Original Message -----
From: Phil Williams
To: V4Protocol@yahoogroups.com
Sent: Saturday, August 13, 2011 10:00 AM
Subject: Re: [V4Protocol] Saturday 8/13

Dick,

The T/R latency test with 0.5.0.0...do you see the test results. Never is displayed on my end.

phil

On Sat, Aug 13, 2011 at 8:57 AM, Phil Williams <ka1gmn@...> wrote:

Copy is weak here dick. Also, I am not really confident with this setup here...phil

On Sat, Aug 13, 2011 at 8:53 AM, Dick Lamberson <w4web@...> wrote:

☐

yep

----- Original Message -----
From: Phil Williams
To: V4Protocol@yahoogroups.com
Sent: Saturday, August 13, 2011 9:52 AM
Subject: Re: [V4Protocol] Saturday 8/13

still on 30m dick??

On Sat, Aug 13, 2011 at 8:37 AM, Dick Lamberson <w4web@...> wrote:

☐

Currently on 10131 looking for a station to test 0.5.0.0 with...
Thanks,
Dick, W4WEB

--
Philw de KA1GMN

--
Philw de KA1GMN

--
Philw de KA1GMN

1653. Re: CHAT MODE VERSUS QSO MODE

Yahoo group: V4Protocol
Date: 2011-08-13 21:40:54 UTC
From: wb6yte
Topic: 1616 Message: 1653

Thanks for the response, Rick.

I understand that the physical channel is half duplex but I don't quite understand how that prevents the appearance of full duplex operation to the user. I was also thinking of the ALE400 implementation in MultiPSK and the old AX.25 packet operation. I tried ALE400 a couple times recently and it seemed to have the feel of full duplex. The user did not have to initiate the transfer of text to the TX buffer. All text was available for transmission as it was typed. Of course the text had to be packaged into blocks to be sent. As with other digital modes, the text can be edited any time before it is actually sent.

For experimentation purposes how difficult would it be to implement user configurable options for handling the operation? The IRS<>ISS switching logic sounds fine but it may be interesting to experiment with different options for transferring text to the TX buffer.
1) Require the operator to terminate text with <ctrl-enter> or <enter> to move it to the TX buffer.
2) Transfer text (in blocks) as it is entered.

Again, I don't want to distract you from the work on the core protocol.

Ed
WB6YTE

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Ed,
>
> The problem as I mentioned in that last reply is that this is half duplex. (Pretty hard to send and receive on the same frequency at the same time on HF!). So you always in any half duplex ARQ Protocol (AMTOR, PACTOR 1,2,3, WINMOR, V4 etc) have a lag where the receiving station (IRS) must wait for the sending station (ISS) to complete and then transfer the link. There are a few ways to do this with OVER and BREAK commands but V4Chat currently does it automatically when the buffer runs â□□dryâ□□ and the other side has something to say (â□□buffer > 0â□□) . It is not a questions of â□□finding a free chat clientâ□□ available...it is one of working through the logic of how do you send text and reliably exchange IRS<>ISS in a half duplex channel. I think if you sit down and work through the details of that you may get a better understanding of why it works like it does.
>
> Sending the text to the buffer on "Enterâ□□ is a trivial change ....but it also doesnâ□□t allow you to edit anything after you have hit the Enter. In fact my original version of V4Chat used that and most agreed it wasnâ□□t the best way. Again one has to think through the logic of when do I want to COMMIT this text for transmission and when do I want to still be able to edit it.
>
> Variable size blocks are possible but always a tradeoff:
> 1) Short blocks are very inefficient. For each block transmission you have two leaders (IRS and ISS), two syncs, two holdoff times for latency (currently 300 ms each), one CRC byte and 6 Viterbi flush symbols....that is ALL overhead to actually sending the 16 characters of data. So the gain is not linear at all (e.g. half the size will end up with something like 25% less throughput)
>

> 2) You have to add sync types for each block size desired....the program has to know for how many symbols to look for the data (remember its very noisy most of the time). So you would need a different sync for 16 chararacters, 8 characters, 32 characters etc). You canâ□□t reliably put the block size in the beginning of the data....what if you canâ□□t decode the data?
>
> 3) Longer blocks are more efficient but also have more latency....You have to wait more and that is not well tolerated in a chat back and forth type of QSO. It is more efficient for sending large files or messages so is used in WINMOR for example where the frame time is about 2x V4â□□s 3 seconds.
>
> I am open for any and all suggestions but it is important to really think them out to make sure they are solid logic and donâ□□t compromise functions that are also necessary.
>
> 73,
> Rick KN6KB

1654. Re: CHAT MODE VERSUS QSO MODE

Yahoo group: V4Protocol
Date: 2011-08-14 01:27:43 UTC
From: k1dow_4
Topic: 1616 Message: 1654

John,

I use Patrick's ALE 400 in his MultiPSK program now and then to chat with my friend Mike, K9MI on 20 meters. It is everything you say it is. Just type what you want to say and it goes right out, seemingly interlaced with receiving the text sent from the other station you are connected to. It's the closest thing to operating AX25 packet that I have ever used (data flow wise) and makes for a very natural one on one conversation. The robustness under marginal on the air conditions is amazing as well. Seems this mode has been a well kept secret. ;-)

73/Russ

--- In V4Protocol@yahoogroups.com, John Hirth <w2ki@...> wrote:
>
> Rick and all,
>
> In the recent "half duplex" paragraph Rick said "(Pretty hard to send
> and receive on the same frequency at the same time on HF!)."
>
> Agreed.
>
> It's been a while since I've used it, but you may want to take an hour
> or so and take a look at ALE400 mode in MultiPSK. After you wade through
> the user interface, if you can find another ALE400 user (make a sked on
> the K3UK pages, or perhaps use two back to back computers to test)
> you'll find your chat data flowing both ways almost simultaneously, at
> least in slow human terms. So much so, in fact that it can be a bit
> disconcerting when you ARE thinking in the half duplex paradigm. It
> almost seems like carrying on a conversational QSO in old AX.25 packet.
>
> I'm not making a judgement here on the merits of half vs. a pseudo full
> duplex. Just pointing out a possible design consideration.
>
> 73, John W2KI
>

1655. Re: CHAT MODE VERSUS QSO MODE

Yahoo group: V4Protocol
Date: 2011-08-14 10:49:21 UTC
From: la7um
Topic: 1616 Message: 1655

Russ. Any Ale way correcting typos? Pre-sent or after-sent? I believe Pactor1 had a way sending <backspace> on the air, so working on both parties screens. 73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "k1dow_4" <russtower@...> wrote:
>
> John,
>
> I use Patrick's ALE 400 in his MultiPSK program now and then to chat with my friend Mike, K9MI on 20 meters. It is everything you say it is. Just type what you want to say and it goes right out, seemingly interlaced with receiving the text sent from the other station you are connected to. It's the closest thing to operating AX25 packet that I have ever used (data flow wise) and makes for a very natural one on one conversation. The robustness under marginal on the air conditions is amazing as well. Seems this mode has been a well kept secret. ;-)
>
> 73/Russ
>
>
> --- In V4Protocol@yahoogroups.com, John Hirth <w2ki@> wrote:
> >
> > Rick and all,
> >
> > In the recent "half duplex" paragraph Rick said "(Pretty hard to send
> > and receive on the same frequency at the same time on HF!)."
> >
> > Agreed.
> >
> > It's been a while since I've used it, but you may want to take an hour
> > or so and take a look at ALE400 mode in MultiPSK. After you wade through
> > the user interface, if you can find another ALE400 user (make a sked on
> > the K3UK pages, or perhaps use two back to back computers to test)
> > you'll find your chat data flowing both ways almost simultaneously, at
> > least in slow human terms. So much so, in fact that it can be a bit
> > disconcerting when you ARE thinking in the half duplex paradigm. It
> > almost seems like carrying on a conversational QSO in old AX.25 packet.
> >
> > I'm not making a judgement here on the merits of half vs. a pseudo full
> > duplex. Just pointing out a possible design consideration.
> >
> > 73, John W2KI
> >
>

1656. Help Needed

Yahoo group: V4Protocol
Date: 2011-08-15 11:11:24 UTC
From: Mike Liller
Topic: 1656 Message: 1656

Hope you get this on time. I made a trip to Valencia, Spain and my worst fears came true. As we were headed back to the hotel, we were robbed. They stole my bag,wallet and phone. I have no credit cards or cash. Thankfully, I had left my passport in the safe at the hotel. I need to get back home, but I have no funds here with me. Can you have funds sent to me via Western Union to enable me settle my hotel bills and Fly home from here as soon as possible. If you can help please let me know asap. I'll remit any amount you can afford to send to me as soon as I return.

Thanks,
Mike Liller.

1657. Re: [V4Protocol] Help Needed

Yahoo group: V4Protocol
Date: 2011-08-15 11:47:05 UTC
From: Dale C Wallace
Topic: 1656 Message: 1657

GO TO THE AMERICAN EMBASSY

From: Mike Liller
Sent: Monday, August 15, 2011 7:11 AM
To: undisclosed recipients:
Subject: [V4Protocol] Help Needed

Hope you get this on time. I made a trip to Valencia, Spain and my worst fears came true. As we were headed back to the hotel, we were robbed. They stole my bag,wallet and phone. I have no credit cards or cash. Thankfully, I had left my passport in the safe at the hotel. I need to get back home, but I have no funds here with me. Can you have funds sent to me via Western Union to enable me settle my hotel bills and Fly home from here as soon as possible. If you can help please let me know asap. I'll remit any amount you can afford to send to me as soon as I return.

Thanks,
Mike Liller.

1658. Re: [V4Protocol] Help Needed

Yahoo group: V4Protocol
Date: 2011-08-15 12:07:20 UTC
From: Rick Westerfield
Topic: 1656 Message: 1658

This is a scam. Otherwise, he would have given a call sign.

Rick KH2DF

Sent from my iPhone

On Aug 15, 2011, at 6:11 AM, Mike Liller <n7nms@...m> wrote:

> Hope you get this on time. I made a trip to Valencia, Spain and my worst fears came true. As we were headed back to the hotel, we were robbed. They stole my bag,wallet and phone. I have no credit cards or cash. Thankfully, I had left my passport in the safe at the hotel. I need to get back home, but I have no funds here with me. Can you have funds sent to me via Western Union to enable me settle my hotel bills and Fly home from here as soon as possible. If you can help please let me know asap. I'll remit any amount you can afford to send to me as soon as I return.
>
> Thanks,
> Mike Liller.
>

1660. HRI & V4

Yahoo group: V4Protocol
Date: 2011-08-15 13:25:39 UTC
From: David Bastress
Topic: 1660 Message: 1660

GM Dick,

We sort of made it on V4 last night. I think conditions were more suitable for Olivia than V4 or HRI.

I think I got most of what you said but for some reason apparently you were not copying me as well, OR, I was not copying your confirmation chirp for some reason. I didn't quite understand what was going on. I would send a transmission, hear you chirp back and then it would try to resend the same thing again. The cycle repeated over and over again. I knew it kept repeating the same info as the queue length never changed.

I saw the same thing occur on another QSO earlier in the day. I was just monitoring that QSO. Things were going along and then one station just started repeating the same info over and over again. Something must get broke inside the program. It seems to work for a while and then breaks.

Let know when you get that extra memory.

Dave K3GAU

1662. Re: CHAT MODE VERSUS QSO MODE

Yahoo group: V4Protocol
Date: 2011-08-15 14:34:16 UTC
From: Russ Tower
Topic: 1616 Message: 1662

Russ Tower
russtower@...
2011-08-15
10:32:07

Finn,

I just sent you a direct message regarding ALE 400 and the MultiPSK program.

73/Russ

K1DOW
Arcadia, FL
EL97BE

1663. Re: [V4Protocol] Help Needed

Yahoo group: V4Protocol
Date: 2011-08-15 16:42:17 UTC
From: Rick Westerfield
Topic: 1656 Message: 1663

Because that would much more indicate that he belongs to us - from this group. As written below, the text is too robotic to be from somebody out of an amateur radio group.

Or maybe I'm just too skeptical and cynical and my writing is too robotic.

Rick KH2DF

Sent from my iPhone

On Aug 15, 2011, at 9:14 AM, "Ed Woods WD9DVA" <wd9dva@...> wrote:

> □
>
> Rick why wud a call sign make it any different? Ed AFA5QW
> ----- Original Message -----
> From: Rick Westerfield
> To: V4Protocol@yahoogroups.com
> Sent: Monday, August 15, 2011 12:07
> Subject: Re: [V4Protocol] Help Needed
>
>
> This is a scam. Otherwise, he would have given a call sign.
>
> Rick KH2DF
>
> Sent from my iPhone
>
> On Aug 15, 2011, at 6:11 AM, Mike Liller <n7nms@...> wrote:
>
>>
>> Hope you get this on time. I made a trip to Valencia, Spain and my worst fears came true. As we were headed back to the hotel, we were robbed. They stole my bag,wallet and phone. I have no credit cards or cash. Thankfully, I had left my passport in the safe at the hotel. I need to get back home, but I have no funds here with me. Can you have funds sent to me via Western Union to enable me settle my hotel bills and Fly home from here as soon as possible. If you can help please let me know asap. I'll remit any amount you can afford to send to me as soon as I return.
>>
>> Thanks,
>> Mike Liller.
>
>

1664. Re: Help Needed

Yahoo group: V4Protocol
Date: 2011-08-15 23:25:08 UTC
From: ham
Topic: 1656 Message: 1664

This is the standard scam "got my money stolen script". I'll notify n7nms that his account has been compromised and that he should change his yahoo password.

--- In V4Protocol@yahoogroups.com, Rick Westerfield <r_lwesterfield@...> wrote:
>
> Because that would much more indicate that he belongs to us - from this group. As written below, the text is too robotic to be from somebody out of an amateur radio group.
>
> Or maybe I'm just too skeptical and cynical and my writing is too robotic.
>
> Rick KH2DF
>
> Sent from my iPhone
>
> On Aug 15, 2011, at 9:14 AM, "Ed Woods WD9DVA" <wd9dva@...> wrote:
>
> > ï»¿
> > >
> > > Rick why wud a call sign make it any different? Ed AFA5QW
> > > ----- Original Message -----
> > > From: Rick Westerfield
> > > To: V4Protocol@yahoogroups.com
> > > Sent: Monday, August 15, 2011 12:07
> > > Subject: Re: [V4Protocol] Help Needed
> > >
> > >
> > > This is a scam. Otherwise, he would have given a call sign.
> > >
> > > Rick KH2DF
> > >
> > > Sent from my iPhone
> > >
> > > On Aug 15, 2011, at 6:11 AM, Mike Liller <n7nms@...> wrote:
> > >
> > >>
> > >> Hope you get this on time. I made a trip to Valencia, Spain and my worst fears came true. As we were headed back to the hotel, we were robbed. They stole my bag,wallet and phone. I have no credit cards or cash. Thankfully, I had left my passport in the safe at the hotel. I need to get back home, but I have no funds here with me. Can you have funds sent to me via Western Union to enable me settle my hotel bills and Fly home from here as soon as possible. If you can help please let me know asap. I'll remit any amount you can afford to send to me as soon as I return.
> > >>
> > >> Thanks,
> > >> Mike Liller.

> >
> >
>

1665. DX QSO!

Yahoo group: V4Protocol
Date: 2011-08-16 17:22:24 UTC
From: ei5ds
Topic: 1660 Message: 1665

Hi All,

Just completed an ARQ QSO with 7X4DR/Djijali on 14073. Good link inspite of low signals.

Hope it will encorage more to try the mode.

73 de Ned/EI5DS

1666. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-08-18 19:46:21 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1666

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.5.1.0 Full install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.5.1.0 Full install with V4 TNC and revision histories

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.5.1.0%20Full%20install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1667. V4Chat Update 0.5.1.0 Full Install uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-18 19:54:03 UTC
From: kn6kb
Topic: 1667 Message: 1667

All,
After getting a Flex setup I was able to do extensive testing (RF over the air) with V4 Chat and the Flex 3000 SDR. Several changes had to be made to improve operation with the Flex. This new release alson include new updated help with detailed instructions (follow closely!) on setting up the Flex SDR radios for V4. Feedback from Flex users welcome.

Also included are GUI options (in the V4Chat setup menu) that allows three options for controlling when typed text is sent to the Outbound Queue. It will default to the prior mode of operation but you can then change to send on CR or Send on double space.

As usual this will require an uninstall and reinstall...Perhaps auto update will be turned on for the next one! No settings will be lost.

Rick KN6KB

V4 Chat Revision History

Date: Rev Change Summary

Aug 18, 2011 0.5.1.0 Beta release of 0.5.0.1

Aug 15, 2011 0.5.0.1 Added options on setup for Send command to be Ctrl+CR, CR, or CR or Double Space.
Update Help to include Flex SDR Setup info.

V4 TNC Revision History

Date Rev # Summary ofChanges

Aug 18, 2011 0.5.1.0 Beta release of 0.5.0.1

Aug 18, 2011 0.5.0.1 Rework of PlaySoundStream to always clear blnStartWaveSteamAfterDely. Also always test output
of PlaySoundStream and log exception if failure with indication of where called.
Modify Calculation of T>RLatency to use only average of one symbol on Capture with threshold of 2 x transmit.
Modify ComputeSN to return a max of 100.
Add 6 blank symbols (128 ms) on tail of transmitted wave to accomodate Flex Radio required "flush"
Change caluclation of avg S/N in dB (experimental)

1668. RE: [V4Protocol] V4Chat Update 0.5.1.0 Full Install uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-18 22:37:55 UTC
From: Ray
Topic: 1667 Message: 1668

Rick

Have been using 0.5.1.0 for the past hour with four solid connects and good QSOs including one with 7X4DR in Algeria. Best by far at this point. Thanks for the good work.

Ray KB0E

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kn6kb
Sent: Thursday, August 18, 2011 2:54 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4Chat Update 0.5.1.0 Full Install uploaded to Yahoo FTP

All,
After getting a Flex setup I was able to do extensive testing (RF over the air) with V4 Chat and the Flex 3000 SDR. Several changes had to be made to improve operation with the Flex. This new release alson include new updated help with detailed instructions (follow closely!) on setting up the Flex SDR radios for V4. Feedback from Flex users welcome.

Also included are GUI options (in the V4Chat setup menu) that allows three options for controlling when typed text is sent to the Outbound Queue. It will default to the prior mode of operation but you can then change to send on CR or Send on double space.

As usual this will require an uninstall and reinstall...Perhaps auto update will be turned on for the next one! No settings will be lost.

Rick KN6KB

V4 Chat Revision History

Date: Rev Change Summary

Aug 18, 2011 0.5.1.0 Beta release of 0.5.0.1

Aug 15, 2011 0.5.0.1 Added options on setup for Send command to be Ctrl+CR, CR, or CR or Double Space.
Update Help to include Flex SDR Setup info.

V4 TNC Revision History

Date Rev # Summary ofChanges

Aug 18, 2011 0.5.1.0 Beta release of 0.5.0.1

Aug 18, 2011 0.5.0.1 Rework of PlaySoundStream to always clear
blnStartWaveSteamAfterDely. Also always test output
of PlaySoundStream and log exception if failure with indication of
where called.
Modify Calculation of T>RLatency to use only average of one symbol on
Capture with threshold of 2 x transmit.
Modify ComputeSN to return a max of 100.
Add 6 blank symbols (128 ms) on tail of transmitted wave to accomodate
Flex Radio required "flush"
Change caluclation of avg S/N in dB (experimental)

1669. 10131 Khz

Yahoo group: V4Protocol
Date: 2011-08-18 23:28:46 UTC
From: Dick Lamberson
Topic: 1669 Message: 1669

I'm on 30 mtrs for the next 45 minutes or so - would love to have a qso with 0.5.1.0 ...
73,
Dick, W4WEB

1670. Re: [V4Protocol] V4Chat Update 0.5.1.0 Full Install uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-19 00:33:59 UTC
From: Ron Wenig
Topic: 1667 Message: 1670

Rick,

When I read the notice about 0.5.1.0 I thought it was only an improvement for the Flex folks. But it looks like it's improved my operation on the Kenwood TS-590. I had quite a long QSO with K3GAU tonight and only toward the very end when the band was going did it loose sync and one station transmitting on top of the other station even though the signal sounded strong. Quite an improvement.

Thanks,

Ron ny3j

On 8/18/2011 3:54 PM, kn6kb wrote:
>
> All,
> After getting a Flex setup I was able to do extensive testing (RF over
> the air) with V4 Chat and the Flex 3000 SDR. Several changes had to be
> made to improve operation with the Flex. This new release alson
> include new updated help with detailed instructions (follow closely!)
> on setting up the Flex SDR radios for V4. Feedback from Flex users
> welcome.
>
>

1671. Re: V4Chat Update 0.5.1.0 Full Install uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-19 15:30:21 UTC
From: ham
Topic: 1667 Message: 1671

Based on my initial testing, the protocol's coded state machine now seems very robust. Error recovery seems to work even with deep qsb and signals fading way into the noise.

Rick: How about the ability to export the log to ADIF?

OR has someone already written a macro to convert the V4 log to ADIF format?

Way to go Rick! We have a real winner here.

73, Bernie

--- In V4Protocol@yahoogroups.com, Ron Wenig <rwenig@...> wrote:
>
> Rick,
>
> When I read the notice about 0.5.1.0 I thought it was only an
> improvement for the Flex folks. But it looks like it's improved my
> operation on the Kenwood TS-590. I had quite a long QSO with K3GAU
> tonight and only toward the very end when the band was going did it
> loose sync and one station transmitting on top of the other station even
> though the signal sounded strong. Quite an improvement.
>
> Thanks,
>
> Ron ny3j
>
> On 8/18/2011 3:54 PM, kn6kb wrote:
> >
> > All,
> > After getting a Flex setup I was able to do extensive testing (RF over
> > the air) with V4 Chat and the Flex 3000 SDR. Several changes had to be
> > made to improve operation with the Flex. This new release alson
> > include new updated help with detailed instructions (follow closely!)
> > on setting up the Flex SDR radios for V4. Feedback from Flex users
> > welcome.
> >
> >
>

1672. Re: [V4Protocol] Re: V4Chat Update 0.5.1.0 Full Install uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-19 15:41:49 UTC
From: Rick Muething
Topic: 1667 Message: 1672

Bernie,

Thanks for the feedback. Can you point me to a reference on ADIF?

Rick KN6KB

1673. Re: V4Chat Update 0.5.1.0 Full Install uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-19 18:18:17 UTC
From: ham
Topic: 1667 Message: 1673

Rick:

For the ADIF specification, have a look at

http://www.adif.org/

The Mode Enumeration field is going to be the tricky part since presently, V4 is not part of the ADIF specification. The closes mode type would probably be MFSK8. I would leave the mode type be a configuration option.

An example from the JT65-HF log would be a good place to start:
<CALL:4>K9QV
<BAND:3>20m
<FREQ:6>14.076
<GRIDSQUARE:4>EN60
<RST_RCVD:3>599
<RST_SENT:3>599
<QSO_DATE:8>20110818
<TIME_ON:4>1747
<TIME_OFF:4>1751
<TX_PWR:2>50

Globally configured
<MODE:5>MFSK8 ??
<STATION_CALLSIGN:6>VE3FWF
<MY_GRIDSQUARE:6>FN25bh

The above fields should be quite adequate

73, Bernie

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Bernie,
>
> Thanks for the feedback. Can you point me to a reference on ADIF?
>
> Rick KN6KB
>

1674. Re: V4Chat Update 0.5.1.0 Full Install uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-19 22:29:47 UTC
From: Chris
Topic: 1667 Message: 1674

All,

I have 5.1 up and running with my Icom 7000 but not yet on my Flex 1500. Is there a doc around that addresses setup of V4 with Flex radio's?

With the Icom radio I have done some testing with ZL1FZ (14073 USB dial) over a poor groundwave path but no DX contacts as yet. I have logged a CQ from AE6LA but was out at the time!

The new space space option is great!

Another question: How long before an ARQ link times out if both ISS and RSS have empty outgoing buffers?

I am monitoring 14073 most of the time. VK's and other ZL's - where are you guys?

73, Chris ZL1BOE

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
> After getting a Flex setup I was able to do extensive testing (RF over the air) with V4 Chat and the Flex 3000 SDR. Several changes had to be made to improve operation with the Flex. This new release alson include new updated help with detailed instructions (follow closely!) on setting up the Flex SDR radios for V4. Feedback from Flex users welcome.
>
> Also included are GUI options (in the V4Chat setup menu) that allows three options for controlling when typed text is sent to the Outbound Queue. It will default to the prior mode of operation but you can then change to send on CR or Send on double space.
>
> As usual this will require an uninstall and reinstall...Perhaps auto update will be turned on for the next one! No settings will be lost.
>
> Rick KN6KB
>
>
> V4 Chat Revision History
>
> Date: Rev Change Summary
>
> Aug 18, 2011 0.5.1.0 Beta release of 0.5.0.1
>
> Aug 15, 2011 0.5.0.1 Added options on setup for Send command to be Ctrl+CR, CR, or CR or Double Space.
> Update Help to include Flex SDR Setup info.
>
>

>
>
> V4 TNC Revision History
>
> Date Rev # Summary ofChanges
>
> Aug 18, 2011 0.5.1.0 Beta release of 0.5.0.1
>
> Aug 18, 2011 0.5.0.1 Rework of PlaySoundStream to always clear
blnStartWaveSteamAfterDely. Also always test output
> of PlaySoundStream and log exception if failure with indication of where called.
> Modify Calculation of T>RLatency to use only average of one symbol on Capture with
threshold of 2 x transmit.
> Modify ComputeSN to return a max of 100.
> Add 6 blank symbols (128 ms) on tail of transmitted wave to accomodate Flex Radio
required "flush"
> Change caluclation of avg S/N in dB (experimental)
>

1675. Re: [V4Protocol] Re: V4Chat Update 0.5.1.0 Full Install uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-19 23:03:10 UTC
From: Rick Muething
Topic: 1667 Message: 1675

Chris,

As they say...when all else fails read the help! I spent 2 days documenting the setup for the Flex 3000. The 1500 should be virtually the same. Open up the Help, look in the index and find the section on using the Flex Radio.

Rick KN6KB

1676. Re: [V4Protocol] Re: V4Chat Update 0.5.1.0 Full Install uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-19 23:28:18 UTC
From: Rick Muething
Topic: 1667 Message: 1676

Chris,

Re ARQ timeout:
Each station has a timeout value setting (30- 180 seconds ...I would recommend using 90-120 seconds). What that means is very simple. If EITHER station doesn't see any data flow (ACKs and IDLs don't count as data...Data followed by ACK is counted by both sides as data flowing) in their timeout value the station will end the link. Once data flowing is seen the timer starts all over again. You have to have such a mechanism for any ARQ system or the two would sit and chirp IDL's and ACKs back and forth forever. Pactor and WINMOR have similar timeout mechanisms.

Rick KN6KB

1677. Re: V4Chat Update 0.5.1.0 Full Install uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-19 23:57:34 UTC
From: Chris
Topic: 1667 Message: 1677

Many thanks Rick! I have now reset my ARQ timeout from 30S to 120S. This should take care of sometimes premature link down situations seen during testing yesterday with my buddy Clive ZL1FZ.

And now, after having read the V4 Flex Help section (ahem!) I have my Flex 1500 up and running. It only took a coupe of minutes. I see 2 watts RF out on the little Flex 1500 barefoot but next step is to use my 100W linear. I expect 2 watts will drive it to around 30 30 watts which is what I normally use with FLDigi on other digimodes.

No QSO's yet but I hope I can run some on air tests later today.

Rick, sincere thanks for all your help and patience.

73 to all, Chris

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Chris,
>
> Re ARQ timeout:
> Each station has a timeout value setting (30- 180 seconds ...I would recommend using 90-120 seconds). What that means is very simple. If EITHER station doesnâ□□t see any data flow (ACKs and IDLs donâ□□t count as data...Data followed by ACK is counted by both sides as data flowing) in their timeout value the station will end the link. Once data flowing is seen the timer starts all over again. You have to have such a mechanism for any ARQ system or the two would sit and chirp IDLâ□□s and ACKs back and forth forever. Pactor and WINMOR have similar timeout mechanisms.
>
>
> Rick KN6KB
>

1678. First ARQ Contact

Yahoo group: V4Protocol
Date: 2011-08-20 06:37:09 UTC
From: Lee Swanson
Topic: 1678 Message: 1678

V4 Chat v.5.1.0 "rocks !!!!" The software appears to be performing "flawlessly". First two connect attempts ended up becomming 30 minute "rock-solid" qsos.
Nice work !!!! Rick!!!! We all appreciate the many endless hours you have put into this project.
Any suggestions
NR5G, Rockwall, TX

1679. V4 CHAT 5.1

Yahoo group: V4Protocol
Date: 2011-08-20 13:23:06 UTC
From: ALBERT
Topic: 1679 Message: 1679

PROGRAM IS WORKING VERY WELL ALL KINDS OF CONTACTS ,TNX FOR A GREAT PROGRAM RICK.

1680. Re: [V4Protocol] V4 CHAT 5.1

Yahoo group: V4Protocol
Date: 2011-08-20 14:53:50 UTC
From: JGMAGS
Topic: 1679 Message: 1680

Albert, please tell us your set up and operating procedure. I continue to have problems i.e. the first exchange goes ok. Then the program gets out of SYNC and the transmitter just goes on/off on/off till timeout. The waterfall locks up and I can neither receive nor transmit. I'm running Windows7 PRO 64bit. I have had numerous connects but only one complete V4Chat..

Thanks, 73
John KJ1J

"Many a good argument is ruined by some fool that knows what he is talking about"
... Marshall McLuhan...

_____
From: ALBERT <aa1cz1954@...>
To: V4Protocol@yahoogroups.com
Sent: Saturday, August 20, 2011 9:23 AM
Subject: [V4Protocol] V4 CHAT 5.1

PROGRAM IS WORKING VERY WELL ALL KINDS OF CONTACTS ,TNX FOR A GREAT PROGRAM RICK.

1681. v4 and 7600

Yahoo group: V4Protocol
Date: 2011-08-20 19:08:40 UTC
From: w5jmw
Topic: 1681 Message: 1681

Having some problems with the 7600 and v4.does anyone have the radio setup settings? thanks in advance..john

1682. No latency results with V4 Chat V 0.5.1.0 - PowerSDR v2.1.5 - Flex 5000A

Yahoo group: V4Protocol
Date: 2011-08-21 14:20:03 UTC
From: ka1gmn
Topic: 1682 Message: 1682

When calling CQ or calling a specific station, the latency test results are not displayed.

Setup:

V4 Chat v0.5.1.0

Flex - 5000A

PowerSDR v2.1.5.26706

VAC v4.9.0.1652

VsprMgr 1.0.3.01

Windows Ultimate 7 w/ Service Pack 1

Set up the VAC and PowerSDR settings as describe in the V4 Chat help files that specifically addresses the Flex-Radio/PowerSDR.

If there are Flex users out there that have gotten the latency test results to display, I would be very interested in how you made it work.

Thanks,

Phil de ka1gmn

1683. Re: [V4Protocol] No latency results with V4 Chat V 0.5.1.0 - PowerSDR v2.1.5 - Flex 5000A

Yahoo group: V4Protocol
Date: 2011-08-21 14:30:57 UTC
From: Rick Muething
Topic: 1682 Message: 1683

Phil,

It is essential that you have sufficient receive “noise” to drive the receive level indicator on V4 well into the green area. It is the return of this “noise” after PTT is released (PTT blocks receiver output noise) that is used to tell when the receiver is again “alive”. The latency measurement is just the delay from PTT release until receive noise breaks the noise threshold which is 2 x the average “noise” observed during transmit. You can’t have monitor on of course to make this measurement since then there would be no “blocking” of audio by the PTT.

Also you want to be sure to set AGC to fast and MON is off.

I have done this in my extensive testing using a Flex 3000 on several bands which generally very consistent results (Latency measurements usually within 20-80 ms of each other). There naturally is some variation due to OS issues, timers, etc. As long as the latency is below or at least near 250 ms it is fine. (over 300 ms will cause problems).

Rick Muething, KN6KB

1684. Constelation

Yahoo group: V4Protocol
Date: 2011-08-21 15:05:51 UTC
From: Ted Leonard
Topic: 1684 Message: 1684

I have set up my Flex 3000 per Ricks instruction and mostly get strike thru when monitoring on the constellation it is usually a shotgun pattern all over but now and again I see neatly organized patterns in the 4 corners of the constellation and will get perfect decode such as the one I saw about 5 Min ago in the CQ from KB0E ---a perfect decode several times (I forgot to count them) like 5 in a row. Sadly most of the time I see only the shotgun pattern filling the whole constellation.

My T/R latency is between 148 and 168.

Ted W3VG

1685. Re: [V4Protocol] Constelation

Yahoo group: V4Protocol
Date: 2011-08-21 15:13:01 UTC
From: Fred G -w1wyc
Topic: 1684 Message: 1685

Ted,

Increase your squelch level. I have mine at 5 and
see very few strike-thrus. It will depend on your noise level.

73,
Fred, W1WYC

----- Original Message -----
From: Ted Leonard
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 21, 2011 11:05 AM
Subject: [V4Protocol] Constelation

I have set up my Flex 3000 per Ricks instruction and mostly get strike
thru when monitoring on the constellation it is usually a shotgun
pattern all over but now and again I see neatly organized
patterns in the 4 corners of the constellation and will get perfect
decode such as the one I saw
about 5 Min ago in the CQ from KB0E ---a perfect decode several times (I
forgot to count them)
like 5 in a row. Sadly most of the time I see only the shotgun pattern
filling the whole constellation.

My T/R latency is between 148 and 168.

Ted W3VG

1686. Re: [V4Protocol] Constelation

Yahoo group: V4Protocol
Date: 2011-08-21 15:57:24 UTC
From: Fred G -w1wyc
Topic: 1684 Message: 1686

Ted,

I should have been more specific. Increase the squelch level in the V4 TNC
not the squelch on your radio. My noise level ranges from S3 to S9 depending
on day and time of day. I advance the squelch until the constellation goes black
with minimal to no strike-thru's.

Fred, W1WYC

----- Original Message -----
From: Fred G -w1wyc
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 21, 2011 11:13 AM
Subject: Re: [V4Protocol] Constelation

Ted,

Increase your squelch level. I have mine at 5 and
see very few strike-thrus. It will depend on your noise level.

73,
Fred, W1WYC

----- Original Message -----
From: Ted Leonard
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 21, 2011 11:05 AM
Subject: [V4Protocol] Constelation

I have set up my Flex 3000 per Ricks instruction and mostly get strike
thru when monitoring on the constellation it is usually a shotgun
pattern all over but now and again I see neatly organized
patterns in the 4 corners of the constellation and will get perfect
decode such as the one I saw
about 5 Min ago in the CQ from KB0E ---a perfect decode several times (I
forgot to count them)
like 5 in a row. Sadly most of the time I see only the shotgun pattern
filling the whole constellation.

My T/R latency is between 148 and 168.

Ted W3VG

1687. Re: [V4Protocol] Constelation

Yahoo group: V4Protocol
Date: 2011-08-21 16:10:52 UTC
From: Ted Leonard
Topic: 1684 Message: 1687

Hi Fred,
Thank you for the tip on squelch, it made quite a difference in the rate
of strike through.
Much more solid decode, now I can read up on using the mode and maybe
try a QSO later.
Again thank you.
Ted W3VG

On 8/21/2011 11:57 AM, Fred G -w1wyc wrote:
>
>
> Ted,
> I should have been more specific. Increase the squelch level in the V4 TNC
> not the squelch on your radio. My noise level ranges from S3 to S9
> depending
> on day and time of day. I advance the squelch until the constellation
> goes black
> with minimal to no strike-thru's.
> Fred, W1WYC
>
> ----- Original Message -----
> *From:* Fred G -w1wyc <mailto:f_garside@...>
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Sunday, August 21, 2011 11:13 AM
> *Subject:* Re: [V4Protocol] Constelation
>
> Ted,
> Increase your squelch level. I have mine at 5 and
> see very few strike-thrus. It will depend on your noise level.
> 73,
> Fred, W1WYC
>
> ----- Original Message -----
> *From:* Ted Leonard <mailto:n2isq@...>
> *To:* V4Protocol@yahoogroups.com
> <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Sunday, August 21, 2011 11:05 AM
> *Subject:* [V4Protocol] Constelation
>
> I have set up my Flex 3000 per Ricks instruction and mostly
> get strike
> thru when monitoring on the constellation it is usually a shotgun
> pattern all over but now and again I see neatly organized
> patterns in the 4 corners of the constellation and will get
> perfect

> decode such as the one I saw
> about 5 Min ago in the CQ from KB0E ---a perfect decode
> several times (I
> forgot to count them)
> like 5 in a row. Sadly most of the time I see only the shotgun
> pattern
> filling the whole constellation.
>
> My T/R latency is between 148 and 168.
>
> Ted W3VG
>
>
>
>
>

1688. Re: [V4Protocol] Constelation

Yahoo group: V4Protocol
Date: 2011-08-21 16:14:58 UTC
From: Fred G -w1wyc
Topic: 1684 Message: 1688

Maybe some time we'll have a QSO.
I usually listen on 14073.000 dial.

GL & 73,
Fred, W1WYC, FN42jm

----- Original Message -----
From: Ted Leonard
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 21, 2011 12:10 PM
Subject: Re: [V4Protocol] Constelation

Hi Fred,
Thank you for the tip on squelch, it made quite a difference in the rate of strike through.
Much more solid decode, now I can read up on using the mode and maybe try a QSO later.
Again thank you.
Ted W3VG

On 8/21/2011 11:57 AM, Fred G -w1wyc wrote:

Ted,

I should have been more specific. Increase the squelch level in the V4 TNC
not the squelch on your radio. My noise level ranges from S3 to S9 depending
on day and time of day. I advance the squelch until the constellation goes black
with minimal to no strike-thru's.

Fred, W1WYC

----- Original Message -----
From: Fred G -w1wyc
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 21, 2011 11:13 AM
Subject: Re: [V4Protocol] Constelation

Ted,

Increase your squelch level. I have mine at 5 and
see very few strike-thrus. It will depend on your noise level.

73,
Fred, W1WYC

----- Original Message -----
From: Ted Leonard
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 21, 2011 11:05 AM
Subject: [V4Protocol] Constelation

I have set up my Flex 3000 per Ricks instruction and mostly get strike thru when monitoring on the constellation it is usually a shotgun pattern all over but now and again I see neatly organized patterns in the 4 corners of the constellation and will get perfect decode such as the one I saw
about 5 Min ago in the CQ from KB0E ---a perfect decode several times (I forgot to count them)
like 5 in a row. Sadly most of the time I see only the shotgun pattern filling the whole constellation.

My T/R latency is between 148 and 168.

Ted W3VG

1689. Re: [V4Protocol] No latency results with V4 Chat V 0.5.1.0 - PowerSDR v2.1.5 - Flex 5000A

Yahoo group: V4Protocol
Date: 2011-08-21 16:51:16 UTC
From: Phil Williams
Topic: 1682 Message: 1689

Average latency is now 180 mS.

Followed Rick's advice below.

Adjust graphics driver for maximum performance.

Set power management to maximum performance.

Diabled Macafee - real time scan, and firewall.

Follow the setting for the PowerSDR in the V4 Chat section for the
Flex-Radio line.

Only running Panadapter on PowerSDR.

Disabled virtual memory do eliminate PageFaults.

So, far I've had two sucessful QSOs - a first.

phil de ka1gmn

On Sun, Aug 21, 2011 at 9:30 AM, Rick Muething <rmuething@...> wrote:

> **
>
>
> Phil,
>
> It is essential that you have sufficient receive “noise” to drive the
> receive level indicator on V4 well into the green area. It is the return of
> this “noise” after PTT is released (PTT blocks receiver output noise) that
> is used to tell when the receiver is again “alive”. The latency measurement
> is just the delay from PTT release until receive noise breaks the noise
> threshold which is 2 x the average “noise” observed during transmit. You
> can’t have monitor on of course to make this measurement since then there
> would be no “blocking” of audio by the PTT.
>
> Also you want to be sure to set AGC to fast and MON is off.
>
> I have done this in my extensive testing using a Flex 3000 on several bands
> which generally very consistent results (Latency measurements usually within
> 20-80 ms of each other). There naturally is some variation due to OS
> issues, timers, etc. As long as the latency is below or at least near 250 ms
> it is fine. (over 300 ms will cause problems).
>
> Rick Muething, KN6KB

>
>
>
>

--
Philw de KA1GMN

1690. Re: [V4Protocol] Constelation

Yahoo group: V4Protocol
Date: 2011-08-21 17:01:29 UTC
From: Rick Muething
Topic: 1684 Message: 1690

Ted/All,

The squelch has minimal effect on ARQ mode as there should never be any “strikethrough” in ARQ. Generally squelch ranges of 3-7 should be all that is ever needed and 5 should work most of the time in ARQ mode.

Rick KN6KB

1691. Re: No latency results with V4 Chat V 0.5.1.0 - PowerSDR v2.1.5 - Flex 5000A

Yahoo group: V4Protocol
Date: 2011-08-21 17:33:59 UTC
From: ham
Topic: 1682 Message: 1691

I have a similar problem and had to temporarily turn off the noise reduction feature in my ICOM-746PRO. Not sure what the Flex has in this area but give that idea a try.

Regards,
Bernie

--- In V4Protocol@yahoogroups.com, "ka1gmn" <ka1gmn@...> wrote:
>
> When calling CQ or calling a specific station, the latency test results are not displayed.
>
>
> Setup:
>
> V4 Chat v0.5.1.0
>
> Flex - 5000A
>
> PowerSDR v2.1.5.26706
>
> VAC v4.9.0.1652
>
> VsprMgr 1.0.3.01
>
> Windows Ultimate 7 w/ Service Pack 1
>
> Set up the VAC and PowerSDR settings as describe in the V4 Chat help files that specifically addresses the Flex-Radio/PowerSDR.
>
> If there are Flex users out there that have gotten the latency test results to display, I would be very interested in how you made it work.
>
> Thanks,
>
> Phil de ka1gmn
>

1692. Re: [V4Protocol] Constelation

Yahoo group: V4Protocol
Date: 2011-08-21 18:40:48 UTC
From: Fred G -w1wyc
Topic: 1684 Message: 1692

Rick,

If I am just monitoring a frequency, even in ARQ mode, the squelch adjustment makes a big difference.

But that's the least of my problems. My FT920 just died on me. I'll have to open it up and see if I can
find a problem. But that's for another day.

73,
Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 21, 2011 1:01 PM
Subject: Re: [V4Protocol] Constelation

Ted/All,

The squelch has minimal effect on ARQ mode as there should never be any “strikethrough” in ARQ. Generally squelch ranges of 3-7 should be all that is ever needed and 5 should work most of the time in ARQ mode.

Rick KN6KB

1693. RE: [V4Protocol] Texas and New Jersey

Yahoo group: V4Protocol
Date: 2011-08-21 19:27:48 UTC
From: Dewayne Siddon
Topic: 1684 Message: 1693

I had good QSOs going to day with ka2uol in NJ and NR5G in Texas from Chattanooga TN. I am using a HP netbook with the Signalink USB.
conditions faded out on 20 meters. While it lasted, all was good. My main software issue is that the V4 TNC froze up twice during these QSOs. I will send the log files.

Dewayne KE4IDH

1694. Re: [V4Protocol] Constelation

Yahoo group: V4Protocol
Date: 2011-08-21 20:31:08 UTC
From: Rick Muething
Topic: 1684 Message: 1694

Fred,
Well the ARQ mode works EXACTLY the same as the FEC mode when you are NOT connected. But when you are connected you won't get any text with strikethroughs. If you put the threshold too high you will miss syncs on very weak signals. If you put it too low you will always be tripping on non existent syncs and may miss real ones.

Good luck on your radio...that comes first of course!

Rick KN6KB

1695. Re: [V4Protocol] Constelation

Yahoo group: V4Protocol
Date: 2011-08-21 20:44:19 UTC
From: Fred G -w1wyc
Topic: 1684 Message: 1695

I think that is what Ted was referring to. Not connected, just monitoring.

When I get time I'll open the radio and check it out. One of the problems I've read about in the FT920 group is oxidization of connectors especially under humid conditions. I've had the rig for about 10 years and its served me well.

Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 21, 2011 4:31 PM
Subject: Re: [V4Protocol] Constelation

Fred,
Well the ARQ mode works EXACTLY the same as the FEC mode when you are NOT connected. But when you are connected you won’t get any text with strikethroughs. If you put the threshold too high you will miss syncs on very weak signals. If you put it too low you will always be tripping on non existent syncs and may miss real ones.

Good luck on your radio...that comes first of course!

Rick KN6KB

1696. Re: [V4Protocol] Constelation

Yahoo group: V4Protocol
Date: 2011-08-21 21:22:25 UTC
From: Ted Leonard
Topic: 1684 Message: 1696

Yes Fred, I was just trying to get a handle on why so much strike through was happening as
I monitored and tightening the squelch helped a lot and I guess I see what Rick said if
actually connected in ARQ you wouldn't see all the strike through.
Just trying to get my feet wet a little at a time so as not to trash the band.

Hope you get your FT920 working.
Ted W3VG

On 8/21/2011 4:44 PM, Fred G -w1wyc wrote:
> □
>
> I think that is what Ted was referring to. Not connected, just monitoring.
> When I get time I'll open the radio and check it out. One of the problems
> I've read about in the FT920 group is oxidization of connectors especially
> under humid conditions. I've had the rig for about 10 years and its
> served me
> well.
> Fred, W1WYC
>
> ----- Original Message -----
> *From:* Rick Muething <mailto:rmuething@...>
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Sunday, August 21, 2011 4:31 PM
> *Subject:* Re: [V4Protocol] Constelation
>
> Fred,
> Well the ARQ mode works EXACTLY the same as the FEC mode when you
> are NOT connected. But when you are connected you won’t get any
> text with strikethroughs. If you put the threshold too high you
> will miss syncs on very weak signals. If you put it too low you
> will always be tripping on non existent syncs and may miss real ones.
> Good luck on your radio...that comes first of course!
> Rick KN6KB
>
>
>
>

1697. Re: [V4Protocol] Constelation

Yahoo group: V4Protocol
Date: 2011-08-21 21:29:26 UTC
From: Fred G -w1wyc
Topic: 1684 Message: 1697

This is a good group Ted. If you have questions or a problem send email.

I figure if all else fails with the radio. a 20 pound sledgehammer should
solve the problem Har Har.

Fred, W1WYC

----- Original Message -----
From: Ted Leonard
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 21, 2011 5:22 PM
Subject: Re: [V4Protocol] Constelation

Yes Fred, I was just trying to get a handle on why so much strike through was happening as I monitored and tightening the squelch helped a lot and I guess I see what Rick said if actually connected in ARQ you wouldn't see all the strike through.
Just trying to get my feet wet a little at a time so as not to trash the band.

Hope you get your FT920 working.
Ted W3VG

On 8/21/2011 4:44 PM, Fred G -w1wyc wrote:

☐
I think that is what Ted was referring to. Not connected, just monitoring.

When I get time I'll open the radio and check it out. One of the problems
I've read about in the FT920 group is oxidization of connectors especially
under humid conditions. I've had the rig for about 10 years and its served me
well.

Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 21, 2011 4:31 PM
Subject: Re: [V4Protocol] Constelation

Fred,
Well the ARQ mode works EXACTLY the same as the FEC mode when you are NOT connected. But when you are connected you won’t get any text with strikethroughs. If you put the threshold too high you will miss syncs on very weak signals. If you put it too low you will always be tripping on non existent syncs and may miss real ones.

Good luck on your radio...that comes first of course!

Rick KN6KB

1698. Re: [V4Protocol] Re: No latency results with V4 Chat V 0.5.1.0 - PowerSDR v2.1.5 - Flex 5000A

Yahoo group: V4Protocol
Date: 2011-08-21 23:25:14 UTC
From: Phil Williams
Topic: 1682 Message: 1698

Bernie,

Thanks for the advice. I don't usually run the noise reduction, but I will keep that in mind.

In the case of the PowerSDR, I turn off the pan display completely. Kind of a radical step, but it dropped the average CPU load down 15%. This tells me that the graphics driver/hardware is a contributor to the over all load on the PC.

I would not want to be without the pan display all the time, but in the case of running V4 Chat, it may be worth while to give up.

I am averaging around 175 mS latency at this point and have made two success QSOs.

phil de ka1gmn

On Sun, Aug 21, 2011 at 12:33 PM, ham <ve3fwf@...> wrote:

> **
>
>
>
>
> I have a similar problem and had to temporarily turn off the noise
> reduction feature in my ICOM-746PRO. Not sure what the Flex has in this area
> but give that idea a try.
>
> Regards,
> Bernie
>
>
> --- In V4Protocol@yahoogroups.com, "ka1gmn" <ka1gmn@...> wrote:
> >
> > When calling CQ or calling a specific station, the latency test results
> are not displayed.
> >
> >
> > Setup:
> >
> > V4 Chat v0.5.1.0
> >
> > Flex - 5000A
> >

> > PowerSDR v2.1.5.26706
> >
> > VAC v4.9.0.1652
> >
> > VsprMgr 1.0.3.01
> >
> > Windows Ultimate 7 w/ Service Pack 1
> >
> > Set up the VAC and PowerSDR settings as describe in the V4 Chat help
> files that specifically addresses the Flex-Radio/PowerSDR.
> >
> > If there are Flex users out there that have gotten the latency test
> results to display, I would be very interested in how you made it work.
> >
> > Thanks,
> >
> > Phil de ka1gmn
> >
>
>
>

--
Philw de KA1GMN

1699. AW: [V4Protocol] Re: No latency results with V4 Chat V 0.5.1.0 - PowerSDR v2.1.5 - Flex 5000A

Yahoo group: V4Protocol
Date: 2011-08-22 10:13:43 UTC
From: Siegfried Jackstien
Topic: 1682 Message: 1699

Hello phil
My findings for lowering cpu power where nearly the same ...
But in a different software :-)
I use hdsdr with my sdr radios (only receive) ... and if cpu load is high I just turn down the speed setting and resolution on the waterfall ... just lower count of graphical points for the cpu to calculate ...
I can not switch it off but lowering the speed helped a lot ...
See if in power sdr the same could be done ... so you could lower cpu load and still have the pan display maybe ?!?!?
Greetz
Sigi
Dg9bfc

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Phil Williams
> Gesendet: Sonntag, 21. August 2011 23:25
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] Re: No latency results with V4 Chat V 0.5.1.0 -
> PowerSDR v2.1.5 - Flex 5000A
>
>
>
> Bernie,
>
> Thanks for the advice. I don't usually run the noise reduction, but I
> will keep that in mind.
>
> In the case of the PowerSDR, I turn off the pan display completely. Kind
> of a radical step, but it dropped the average CPU load down 15%. This
> tells me that the graphics driver/hardware is a contributor to the over
> all load on the PC.
>
> I would not want to be without the pan display all the time, but in the
> case of running V4 Chat, it may be worth while to give up.
>
> I am averaging around 175 mS latency at this point and have made two
> success QSOs.
>
> phil de ka1gmn
>
>
> On Sun, Aug 21, 2011 at 12:33 PM, ham <ve3fwf@...> wrote:
>

>
>
>
>
>
>
> I have a similar problem and had to temporarily turn off the noise
> reduction feature in my ICOM-746PRO. Not sure what the Flex has in this
> area but give that idea a try.
>
> Regards,
> Bernie
>
>
>
> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com> , "ka1gmn" <ka1gmn@...> wrote:
> >
> > When calling CQ or calling a specific station, the latency test
> results are not displayed.
> >
> >
> > Setup:
> >
> > V4 Chat v0.5.1.0
> >
> > Flex - 5000A
> >
> > PowerSDR v2.1.5.26706
> >
> > VAC v4.9.0.1652
> >
> > VsprMgr 1.0.3.01
> >
> > Windows Ultimate 7 w/ Service Pack 1
> >
> > Set up the VAC and PowerSDR settings as describe in the V4 Chat
> help files that specifically addresses the Flex-Radio/PowerSDR.
> >
> > If there are Flex users out there that have gotten the latency
> test results to display, I would be very interested in how you made it
> work.
> >
> > Thanks,
> >
> > Phil de ka1gmn
> >
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>

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>
> --
> Philw de KA1GMN
>
>
>

1700. Re: [V4Protocol] Constelation

Yahoo group: V4Protocol
Date: 2011-08-22 12:55:47 UTC
From: David Bastress
Topic: 1684 Message: 1700
Attachments: 5 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1701. Re: [V4Protocol] Constelation

Yahoo group: V4Protocol
Date: 2011-08-22 13:02:28 UTC
From: Fred G -w1wyc
Topic: 1684 Message: 1701

Hi Dave,

Thanks for the tip. I haven't opened the rig yet but will when I get a chance.
That is a remedy mentioned on the FT920 group. Its been a great radio.
This is the first time I've had a problem with it in about 10 years. The shack
is in the cellar where its more humid than the rest of the house. I'm sure that
doesn't help any...

Thanks again,
Fred, W1WYC

----- Original Message -----
From: David Bastress
To: V4Protocol@yahoogroups.com
Sent: Monday, August 22, 2011 8:55 AM
Subject: Re: [V4Protocol] Constelation

GM Fred,

Don't know what kind of connectors are used on the FT-920 boards, but if can get to the fingers or pins run a Pink Pearl erasure across them several times. I was told this trick by several service folks and have done it myself. The erasure is just abrasive enough to take the oxide off without damaging the plating on the pins or fingers. :-)

Dave K3GAU

>>> "Fred G -w1wyc" <f_garside@...> 8/21/2011 5:29 PM >>>

☐

This is a good group Ted. If you have questions or a problem send email.

I figure if all else fails with the radio. a 20 pound sledgehammer should
solve the problem Har Har.

Fred, W1WYC

----- Original Message -----
From: Ted Leonard
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 21, 2011 5:22 PM
Subject: Re: [V4Protocol] Constelation

Yes Fred, I was just trying to get a handle on why so much strike through was happening as I monitored and tightening the squelch helped a lot and I guess I see what Rick said if actually connected in ARQ you wouldn't see all the strike through.
Just trying to get my feet wet a little at a time so as not to trash the band.

Hope you get your FT920 working.
Ted W3VG

On 8/21/2011 4:44 PM, Fred G -w1wyc wrote:

☐
I think that is what Ted was referring to. Not connected, just monitoring.

When I get time I'll open the radio and check it out. One of the problems I've read about in the FT920 group is oxidization of connectors especially under humid conditions. I've had the rig for about 10 years and its served me well.

Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 21, 2011 4:31 PM
Subject: Re: [V4Protocol] Constelation

Fred,
Well the ARQ mode works EXACTLY the same as the FEC mode when you are NOT connected. But when you are connected you won’t get any text with strikethroughs. If you put the threshold too high you will miss syncs on very weak signals. If you put it too low you will always be tripping on non existent syncs and may miss real ones.

Good luck on your radio...that comes first of course!

Rick KN6KB

1702. Re: [V4Protocol] Constelation

Yahoo group: V4Protocol
Date: 2011-08-22 14:02:35 UTC
From: Fred G -w1wyc
Topic: 1684 Message: 1702

Hi Rick,

Just a thought. Would it be worthwhile to ignore the squelch level if you are connected and enable if not connected ??

Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 21, 2011 4:31 PM
Subject: Re: [V4Protocol] Constelation

Fred,
Well the ARQ mode works EXACTLY the same as the FEC mode when you are NOT connected. But when you are connected you won’t get any text with strikethroughs. If you put the threshold too high you will miss syncs on very weak signals. If you put it too low you will always be tripping on non existent syncs and may miss real ones.

Good luck on your radio...that comes first of course!

Rick KN6KB

1703. Re: [V4Protocol] Constelation

Yahoo group: V4Protocol
Date: 2011-08-22 23:52:38 UTC
From: Ralph E Bugg
Topic: 1684 Message: 1703

It's not a good idea to clean modern edge connectors with an eraser.
This was a standard technique in the "old days" when the plating was
thicker on the connectors and can cause permanent damage to the newer
connector contacts. I recommend a good contact cleaner such as DeoxIT.
This not only cleans the contacts, but also protects against future
corrosion.

Ralph E Bugg K8HSQ

On 8/22/2011 8:55 AM, David Bastress wrote:
> GM Fred,
> Don't know what kind of connectors are used on the FT-920 boards, but
> if can get to the fingers or pins run a Pink Pearl erasure across them
> several times. I was told this trick by several service folks and
> have done it myself. The erasure is just abrasive enough to take the
> oxide off without damaging the plating on the pins or fingers. :-)
> Dave K3GAU
>

1704. Re: [V4Protocol] Constelation

Yahoo group: V4Protocol
Date: 2011-08-23 00:06:07 UTC
From: Ron Werthman
Topic: 1684 Message: 1704

Hopefully contact cleaner has evolved. 20 years ago many types of cleaner was tested but none could beat the pink pearl.

Sent from my iPod

On 2011-08-22, at 5:52 PM, Ralph E Bugg <k8hsq5@...> wrote:

> It's not a good idea to clean modern edge connectors with an eraser. This was a standard technique in the "old days" when the plating was thicker on the connectors and can cause permanent damage to the newer connector contacts. I recommend a good contact cleaner such as DeoxIT. This not only cleans the contacts, but also protects against future corrosion.
>
> Ralph E Bugg K8HSQ
>
>
> On 8/22/2011 8:55 AM, David Bastress wrote:
>>
>> GM Fred,
>>
>> Don't know what kind of connectors are used on the FT-920 boards, but if can get to the fingers or pins run a Pink Pearl erasure across them several times. I was told this trick by several service folks and have done it myself. The erasure is just abrasive enough to take the oxide off without damaging the plating on the pins or fingers. :-)
>>
>> Dave K3GAU
>>
>>>
>>
>
>

1705. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-08-23 01:36:35 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1705

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.5.2.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.5.2.0 Full Install with V4TNC and Revision History

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.5.2.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1706. New V4Chat Update 0.5.2.0 on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-08-23 01:47:41 UTC
From: kn6kb
Topic: 1706 Message: 1706

All,

This rev contains several important fixes of problems that were the cause of some reported hangups. It also contains new code suggested as a way to solve the waterfall or constellation "freeze" problem. Unfortunately since I don't see that problem on my computers (believed to be a function of which Video chip set/driver you have) I can't confirm that for certain. This new code will also reduce CPU and graphics loading due to the constellation replot which should help on slow computers or computers running Flex Radios.

If you encounter a Waterfall or Constellation freeze please check the exception logs. If there are exception log errors please forward them to me (as attachments) along with your V4 debug log and when (UTC) the freeze problem was observed. It is a big help if you can identify this time to then nearest few seconds.

Unless there is a major problem with this version this will probably be the last update while we make preparations for Hurricane IRENE and a trip we have scheduled next week.

As usual you will have to uninstall the old version prior to installing this one (hopefully I'll have Autoupdate in for the next rev).

73,
Rick KN6KB

1707. Noise and functionality

Yahoo group: V4Protocol
Date: 2011-08-23 11:22:24 UTC
From: ka5s
Topic: 1682 Message: 1707

Some four decades ago (and a few years) I had a devil of a time with a certain UHF aircraft radio; they kept coming back for "unable to adjust squelch." Turned out, there wasn't enough receiver noise with new RF preamp tubes to let the pilot unsquelch the thing with his control panel during pre-flight. Ended up hand selecting noisy RF amps to get past that problem.

Why do I mention this? You see it coming: IMO(!) relying on noisy equipment or band conditions to make a system work is not a good idea. What if a band is quiet?

Cortland KA5S

--- In V4Protocol@yahoogroups.com, "Rick Muething" wrote:

> > Phil, > > It is essential that you have sufficient receive â□□noiseâ□□ to drive the receive level indicator on V4 well into the green area. It is the return of this â□□noiseâ□□ after PTT is released (PTT blocks receiver output noise) that is used to tell when the receiver is again â□□aliveâ□□....

1708. Re: [V4Protocol] Noise and functionality

Yahoo group: V4Protocol
Date: 2011-08-23 11:48:56 UTC
From: Rick Muething
Topic: 1682 Message: 1708

Cortland,

This is not a question of squelch in the conventional way it is used in VHF/UHF radio.

Let me explain the process a bit more.

First the Measurement of latency has no bearing on if V4 works or not...it is simply a tool added to allow users to get a handle (at least a rough measurement) of the latency. The number measured is simply displayed...it is not used for anything but is to notify the user they may have some problem (most commonly the VOX or DLY setting on the transceiver or SignaLink set above minimum....something the software has no control over).

Second think about the problem of measuring latency a bit. When you key the transceiver the PTT blanks or mutes the receiver audio. So you have virtually 0 audio coming from the receiver. Now you release the PTT. When do you know the receiver is again active?....(that the latency time has elapsed...) The only thing you have to look at is the background noise from the receiver and on HF this is never 0. In fact as long as you have AGC on (not masked off with the RF gain control) the background noise audio level will be close to the normal received audio level (that is what AGC does!).

If someone were to ask you to measure this latency on a HF receiver how would you do it? Maybe use a dual trace scope with one trace showing the PTT and the other looking at the audio out of the receiver... This is exactly the same thing the software is doing.

So using the receiver audio level of the background noise is the only convenient vehicle you have to measure latency with the DSP software. In practice IF you have AGC on and IF you have your audio level set correctly (say about 1/2 way or so into the green) it will ALWAYS measure the latency. At any rate it is a convenience measurement and has nothing to do with the operation of V4.

73,

Rick KN6KB

1709. Re: [V4Protocol] No latency results with V4 Chat V 0.5.1.0 - PowerSDR v2.1.5 - Flex 5000A

Yahoo group: V4Protocol
Date: 2011-08-23 12:58:31 UTC
From: Ian Wade G3NRW
Topic: 1682 Message: 1709

___Original Message_____________________________________
From: Rick Muething <rmuething@...>
Date: Sun, 21 Aug 2011 Time: 10:30:57

>It is essential that you have sufficient receive “noise” to drive the receive
>level indicator on V4 well into the green area. It is the return of this “noise”
>after PTT is released (PTT blocks receiver output noise) that is used to tell
>when the receiver is again “alive”.

Rick

Please pardon me for saying so, but is this the right way to do it? You
cannot rely on there being sufficient receiver/band noise to do anything
-- the overall noise level may so low, that the timer fails to trigger.

Surely the way to do it would be something like:

1. At the end of sending a block of data, switch from transmit to
receive and start the round-trip timer.

2. Listen for a recognizable character/block from the other station,
then stop the timer. The RTT can then be computed.

Or is this too simple?

--
73
Ian, G3NRW

1710. FLex Radio Latency and V4 v 5.2.0

Yahoo group: V4Protocol
Date: 2011-08-23 14:19:11 UTC
From: rapidan2011
Topic: 1710 Message: 1710

I run the Flex 3000 and with the settings listed in the V4 Help except the Xmit buffer is 1024 not 512 as shown. 1024 give me signal distortion.

I have noted that the latency in V4 v5.2, as well as v5.1, jumped all over the place when I switched bands. The latency would be in excess of 300 until I simply turned OFF the Flex then back ON. The latency would then settle in at about 160.

Now the Flex SDR software version is currently 2.1.5. When trying to figure why the latency was so high as described above I noted that the Flex display would freeze and stop working. This happened several times.

I then reinstalled the older, very stable, SDR v 2.0.22 into the Flex and the whole issue went away. The latency is about 150 or so all the time regardless of band. IMO the Flex software v2.1.5 is a Beta and has bugs as I have had other freeze shut down troubles in SSB use.

Now let's hope for good signal propagation !!

Ted, WB2LOu

1711. Re: [V4Protocol] No latency results with V4 Chat V 0.5.1.0 - PowerSDR v2.1.5 - Flex 5000A

Yahoo group: V4Protocol
Date: 2011-08-23 14:57:23 UTC
From: Rick Muething
Topic: 1682 Message: 1711

Ian,
Believe it or not I understand this pretty well! Measuring the round trip time (which V4 also does in terms of computing and optimizing some of the other timing parameters) does NOT measure the T>R latency. In fact the T>R Latency is not even a component of the round trip time. Think about this not so uncommon scenario:

V4 is set up with a modern Transceiver using a SignaLink USB (which uses VOX keying) and the SignaLink keys the transmitter PTT. The Time for the PTT release (AFTER the end of a wave file playing) is a function of the DLY control on the SignaLink...typically < 20ms to as much as 5 or more seconds.
(For an SDR radio the “DLY” might be a function of sample rate, buffer size, filter complexity, VAC cables used etc)

If the SignaLink is set above the minimal delay the PTT release is slowed and this dramatically increases the T>R latency. But the round trip (the end of DATA from the sending station to the first data from the replying station) is NOT affected by sending stations PTT hold time. If the T>R Latency is too long it will block the reception of all or part of the received data (because the station would still have the PTT active). So excessive T>R Latency essentially makes the receiver “deaf” for a period of time and there is no way the remote station could know how long that “deafness” exists without some complex and time consuming “trial and error” repeated search over several cycles. The easiest and most reliable way is to agree on a maximum permissible T>R Latency value and include that in the spec in the protocol . (This is usually done with virtually all HF ARQ protocols). Then make sure each station complies with that max T>R latency value. Setting a max value is always a compromise but is necessary for compatibility. The longer the max T>R Latency permitted the more T>R>T overhead (timing guard bands) in the protocol but the more compatible the protocol is with all popular hardware. The spec in V4 is 250 ms but the program has some guard band and should work up to 300 ms of T>R Latency. That value is large enough that even SDR Radios (with their increased latency) can operate with proper setup. A typical hardware modern radio may have a T>R Latency of 30-50 ms. So you could lop off perhaps 300-400 ms off the protocol T>R>T cycle (< 10%) if you REQUIRED each station to meet that lower T>R Latency spec....but those with older slower radios or SDR radios would probably be out of luck.

Remember in V4 the T>R latency is not measured every cycle and is not even used in the timing calculations. It is measured and presented to the user during a call to aid him in selecting or configuring his station to meet the maximum permissible latency value. For example in the above scenario with a SignaLink or with a SDR if you called CQ or another station with the DLY control not fully CCW or with the wrong setup on the SDR the V4 program will warn the sender with the measured value and a red warning label on the TNC. We don’t want to go back to the 1980’s where to setup a packet station and network you had to guess/enter/tweak half a dozen timing parameters and do trial and error to see if was compatible with other radios on the network.

I have a flex 3000 here and it works consistently measuring the T>R latency. The only requirements are:
1) You have to have AGC on (that is really good operating practice any way to keep the audio level near constant to the sound card)
2) You have to have the audio drive level sufficiently high (I say mid scale but it still usually works in the “blue”). Again this is part of normal sound card setup...it has to have sufficient audio or you will be essentially working with a 8 or 10 bit sound card instead of 16 bits.
3) You have to have MON off on the Flex setup (otherwise the V4 software can’t compute the “quiet” threshold when the PTT is active).

73,

Rick KN6KB

1712. Re: [V4Protocol] FLex Radio Latency and V4 v 5.2.0

Yahoo group: V4Protocol
Date: 2011-08-23 15:08:42 UTC
From: Rick Muething
Topic: 1710 Message: 1712

Thanks Ted. One possible thing I noted was two other things on the flex (2.1.5) affected the latency. One was the filter selected. the other was the AGC fast or slow. In theory it should be possible to keep the T>R Latency constant with any AGC speed (by restoring the AGC level to the value immediately preceding the PTT activation).

What I am trying to do is strike a happy balance by providing a spec guard band on the timing so we don’t have to have each user try and guess/setup a specific level for a QSO yet we don’t bog down the protocol with unnecessary large timing guard bands. We could eliminate the problem of T>R Latency almost entirely by forcing (by program timing) a guard band of say 1000 ms. But this would also about half the ARQ throughput in all cases. Not a good solution.

Hopefully as the folks at Flex Radio get a better understanding of how ARQ modes work and how radio setup affects them we’ll converge on a good balance.

73,

Rick KN6KB

1713. Re: [V4Protocol] No latency results with V4 Chat V 0.5.1.0 - PowerSDR v2.1.5 - Flex 5000A

Yahoo group: V4Protocol
Date: 2011-08-23 15:38:17 UTC
From: Ian Wade G3NRW
Topic: 1682 Message: 1713

___Original Message_____________________________________
From: Rick Muething <rmuething@...>
Date: Tue, 23 Aug 2011 Time: 10:57:23

>Ian,
>Believe it or not I understand this pretty well! Measuring the round
>trip time (which V4 also does in terms of computing and optimizing some
>of the other timing parameters) does NOT measure the T>R latency. In
>fact the T>R Latency is not even a component of the round trip time.
>Think about this not so uncommon scenario:

[snip]

Aha, now I understand what you're getting at! Many thanks Rick.

--
73
Ian, G3NRW

1714. Re: [V4Protocol] FLex Radio Latency and V4 v 5.2.0

Yahoo group: V4Protocol
Date: 2011-08-23 15:48:32 UTC
From: Ted Trostle
Topic: 1710 Message: 1714

I forgot to mention or add that I have the FLEX AGC set to FAST, the filter BW is 1.5kHz and depending on band noise/conditions, I adjust the FLEX VAC RX Gain to give almost max noise showing on the V4 TNC screen. Also I adjust the Squelch to where the Busy/Clear window is bouncing back and forth.

One more thing is the ALC setting....on the FLEX I adjust the VAC TX Gain to give a -1db to 0db ALC reading on the meter of the FLEX. A setting of 1 db or greater can lead to distortion of the transmitted signal.

These settings are not perfect. The differences in the computer sound cards used for Flex digital operation require experimentation with the settings and I know this is also true for non-FLEX radio users....everyone''s mileage will vary.

Ted, WB2LOU

On Tue, Aug 23, 2011 at 11:08 AM, Rick Muething <rmuething@...>wrote:

> **
>
>
> Thanks Ted. One possible thing I noted was two other things on the flex
> (2.1.5) affected the latency. One was the filter selected. the other was the
> AGC fast or slow. In theory it should be possible to keep the T>R Latency
> constant with any AGC speed (by restoring the AGC level to the value
> immediately preceding the PTT activation).
>
> What I am trying to do is strike a happy balance by providing a spec guard
> band on the timing so we don’t have to have each user try and guess/setup a
> specific level for a QSO yet we don’t bog down the protocol with unnecessary
> large timing guard bands. We could eliminate the problem of T>R Latency
> almost entirely by forcing (by program timing) a guard band of say 1000 ms.
> But this would also about half the ARQ throughput in all cases. Not a good
> solution.
>
> Hopefully as the folks at Flex Radio get a better understanding of how ARQ
> modes work and how radio setup affects them we’ll converge on a good
> balance.
>
> 73,
>
> Rick KN6KB
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You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is
incurable.

1715. FLex Radio V4 v 5.2.0

Yahoo group: V4Protocol
Date: 2011-08-23 18:00:57 UTC
From: Owen Mitchell
Topic: 1710 Message: 1715

This is a GOOD day.

Finally after months of trying, I think Rick got it right for the Flex users. I am using a Flex 5000 and Ted a Flex 3000.

I had a good QSO with Ted, using ARQ mode. My very FIRST contact ever, using the latest version of V4. That was exciting.....

It does work.

Owen KB5XE Albuquerque, NM

--- On Tue, 8/23/11, Ted Trostle <ttrostle35@...> wrote:

From: Ted Trostle <ttrostle35@...>
Subject: Re: [V4Protocol] FLex Radio Latency and V4 v 5.2.0
To: V4Protocol@yahoogroups.com
Date: Tuesday, August 23, 2011, 9:48 AM

I forgot to mention or add that I have the FLEX AGC set to FAST, the filter BW is 1.5kHz and depending on band noise/conditions, I adjust the FLEX VAC RX Gain to give almost max noise showing on the V4 TNC screen. Also I adjust the Squelch to where the Busy/Clear window is bouncing back and forth.

One more thing is the ALC setting....on the FLEX I adjust the VAC TX Gain to give a -1db to 0db ALC reading on the meter of the FLEX. A setting of 1 db or greater can lead to distortion of the transmitted signal.

These settings are not perfect. The differences in the computer sound cards used for Flex digital operation require experimentation with the settings and I know this is also true for non-FLEX radio users....everyone''s mileage will vary.

Ted, WB2LOU

On Tue, Aug 23, 2011 at 11:08 AM, Rick Muething <rmuething@...> wrote:

Thanks Ted. One possible thing I noted was two other things on the flex (2.1.5) affected the latency. One was the filter selected. the other was the AGC fast or slow. In theory it should be possible to keep the T>R Latency constant with any AGC speed (by restoring the AGC level to the value immediately preceding the PTT activation).

What I am trying to do is strike a happy balance by providing a spec guard band on the timing so we don’t have to have each user try and guess/setup a specific level for a QSO yet we don’t bog down the protocol with unnecessary large timing guard bands. We could eliminate the problem of T>R Latency almost entirely by forcing (by program timing) a guard band of say 1000 ms. But this would also about half the ARQ throughput in all cases. Not a good solution.

Hopefully as the folks at Flex Radio get a better understanding of how ARQ modes work and how radio setup affects them we'll converge on a good balance.

73,

Rick KN6KB

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1716. Re: [V4Protocol] FLex Radio V4 v 5.2.0

Yahoo group: V4Protocol
Date: 2011-08-23 20:13:10 UTC
From: n3wt@comcast.net
Topic: 1710 Message: 1716

I also would like to report good results with a Flex 5000A. I'm showing the latency at 160ms, and have now completed 5 QSO's, one with fairly weak signals both sides of the QSO, both around S-4 with QSB and a good completed QSO on 20 meters. With more activity, I could have had many qso's.

Also, I was one of the guys having a problem with freeze of the program and sent error logs to Rick. This not related to the Flex PowerSDR. With version V4v5.2.0, I now do not have the freeze up problem . Only one QSO check so far with this 5.2 version, but looks good so far with no freeze of the program. .

Rick is doing a fantastic hard job. Thank you.

73 John, N3WT

----- Original Message -----
From: Owen Mitchell <kb5xe@...>
To: V4Protocol@yahoogroups.com
Sent: Tue, 23 Aug 2011 18:00:57 -0000 (UTC)
Subject: [V4Protocol] FLex Radio V4 v 5.2.0

This is a GOOD day.

Finally after months of trying, I think Rick got it right for the Flex users. I am using a Flex 5000 and Ted a Flex 3000.

I had a good QSO with Ted, using ARQ mode. My very FIRST contact ever, using the latest version of V4. That was exciting.................

It does work.

Owen KB5XE Albuquerque, NM

--- On Tue, 8/23/11, Ted Trostle <ttrostle35@gmail.com> wrote:

From: Ted Trostle <ttrostle35@...>
Subject: Re: [V4Protocol] FLex Radio Latency and V4 v 5.2.0
To: V4Protocol@yahoogroups.com
Date: Tuesday, August 23, 2011, 9:48 AM

I forgot to mention or add that I have the FLEX AGC set to FAST, the filter BW is 1.5kHz and depending on band noise/conditions, I adjust the FLEX VAC RX Gain to give almost max noise showing on the V4 TNC screen. Also I adjust the Squelch to where the Busy/Clear window is bouncing back and forth.

One more thing is the ALC setting....on the FLEX I adjust the VAC TX Gain to give a -1db to 0db ALC reading on the meter of the FLEX. A setting of 1 db or greater can lead to distortion of the transmitted signal.

These settings are not perfect. The differences in the computer sound cards used for Flex digital operation require experimentation with the settings and I know this is also true for non-FLEX radio users....everyone''s mileage will vary.

Ted, WB2LOU

On Tue, Aug 23, 2011 at 11:08 AM, Rick Muething <rmuething@...> wrote:

Thanks Ted. One possible thing I noted was two other things on the flex (2.1.5) affected the latency. One was the filter selected. the other was the AGC fast or slow. In theory it should be possible to keep the T>R Latency constant with any AGC speed (by restoring the AGC level to the value immediately preceding the PTT activation).

What I am trying to do is strike a happy balance by providing a spec guard band on the timing so we don’t have to have each user try and guess/setup a specific level for a QSO yet we don’t bog down the protocol with unnecessary large timing guard bands. We could eliminate the problem of T>R Latency almost entirely by forcing (by program timing) a guard band of say 1000 ms. But this would also about half the ARQ throughput in all cases. Not a good solution.

Hopefully as the folks at Flex Radio get a better understanding of how ARQ modes work and how radio setup affects them we’ll converge on a good balance.

73,

Rick KN6KB

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1717. Checking CPU usage of various programs

Yahoo group: V4Protocol
Date: 2011-08-23 21:06:04 UTC
From: Robert Belize
Topic: 1717 Message: 1717

It's worth while checking your CPU usage by starting your task manager.
.-.-.-.-.-..-.-.-
The laptop am using:OS Name Microsoft Windows XP ProfessionalVersion
5.1.2600 Service Pack 2 Build 2600OS Manufacturer Microsoft
CorporationSystem Name LTSystem Manufacturer Dell Computer
CorporationSystem Model Inspiron 600mSystem Type X86-based PCProcessor
x86 Family 6 Model 9 Stepping 5 GenuineIntel ~1399 Mhz
-.-.-.-.-.-.-.-.-.
Checking CPU usage of various (sound card) programs:
PC idle cpu usage 1%
Running logger32 + mmvari engine (psk 31), cpu usage = 20%
Running MixW 3.01 PSK 31 mode, cpu usage = 25%
Running RMS epress 3 windows open TNC 1.3.2.5, CPU usage = 30%
Running bpq32 and airmail Winmor tnc 1.3.2.5, CPU usage = 30%
Running V4Chat tnc 0.5.0.0 , cpu usage = 75%
Running v4Chat Tnc 0.5.2.0 , cpu usage = 80%
.-.-.-.-.-.-.-.-.
WhatSay ?
Robert V31AE

1718. Re: [V4Protocol] Checking CPU usage of various programs

Yahoo group: V4Protocol
Date: 2011-08-23 21:43:59 UTC
From: Rick Muething
Topic: 1717 Message: 1718

Robert, All
That last update which used a suggested method of graphics updating inadvertently gobbled up a lot of CPU time maintaining the shadow waterfall graphics. I have an update which I am now testing that put is back to the original CPU loading but I want to test it further to see if it precipitates the waterfall freeze. Unfortunately since I never see the waterfall freeze here on any of my computers testing the release to see if it fixes (or makes worse!) the waterfall freeze is a time consuming and hit or miss effort.

If others have had waterfall freezes that want to try out a test version let me know and I'll send you a test V4 TNC.exe file to try.

Rick KN6KB
.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1392 / Virus Database: 1520/3852 - Release Date: 08/23/11

1719. Re: [V4Protocol] Checking CPU usage of various programs

Yahoo group: V4Protocol
Date: 2011-08-23 22:07:42 UTC
From: Ted Trostle
Topic: 1717 Message: 1719

Depending on the computer, factors like OS, service pack #, RAM, CPU mfr and speed, Dual core and above or not, sound card design, and radio interface settings, etc. everyone will experience different numbers !! What will come from comparing a BMW to a Beetle Volkswagen?...they are different by design !!

Ted, WB2LOU

On Tue, Aug 23, 2011 at 5:06 PM, Robert Belize <robertbelize@...>wrote:

> **
>
>
> It's worth while checking your CPU usage by starting your task manager.
>
> .-.-.-.-.-..-.-.-
>
> The laptop am using:
> OS Name Microsoft Windows XP Professional
> Version 5.1.2600 Service Pack 2 Build 2600
> OS Manufacturer Microsoft Corporation
> System Name LT
> System Manufacturer Dell Computer Corporation
> System Model Inspiron 600m
> System Type X86-based PC
> Processor x86 Family 6 Model 9 Stepping 5 GenuineIntel ~1399 Mhz
>
> -.-.-.-.-.-.-.-.
>
> *Checking CPU usage of various (sound card) programs: *
>
> PC idle cpu usage 1%
>
> Running logger32 + mmvari engine (psk 31), cpu usage = 20%
>
> Running MixW 3.01 PSK 31 mode, cpu usage = 25%
>
> Running RMS epress 3 windows open TNC 1.3.2.5, CPU usage = 30%
>
> Running bpq32 and airmail Winmor tnc 1.3.2.5, CPU usage = 30%
>
> *Running V4Chat tnc 0.5.0.0 , cpu usage = 75%*
>
> *Running v4Chat Tnc 0.5.2.0 , cpu usage = 80%*
> *
> *

> *.-.-.-.-.-.-.-.-*
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> *
> WhatSay ?
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> Robert V31AE
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incurable.

1720. Re: Checking CPU usage of various programs

Yahoo group: V4Protocol
Date: 2011-08-23 22:08:40 UTC
From: Robert Belize
Topic: 1717 Message: 1720

...take your time Rick, thank u for the V4Chat...

Robert V31AE

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Robert, All
> That last update which used a suggested method of graphics updating inadvertently gobbled up a lot of CPU time maintaining the shadow waterfall graphics. I have an update which I am now testing that put is back to the original CPU loading but I want to test it further to see if it precipitates the waterfall freeze. Unfortunately since I never see the waterfall freeze here on any of my computers testing the release to see if it fixes (or makes worse!) the waterfall freeze is a time consuming and hit or miss effort.
>
> If others have had waterfall freezes that want to try out a test version let me know and Iâ□□ll send you a test V4 TNC.exe file to try.
>
> Rick KN6KB
> .
>
>
> ---
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1392 / Virus Database: 1520/3852 - Release Date: 08/23/11
>

1721. Re: Noise and functionality

Yahoo group: V4Protocol
Date: 2011-08-24 11:57:47 UTC
From: Cortland Richmond
Topic: 1682 Message: 1721

I stand (or sit) corrected. And thanks for the explanation. I had noticed that using *WINMOR TNC* I was often unable to produce enough noise to approach the green. That really is off-topic here, though.

Cheers,

Cortland Richmond

KA5S

1722. Re: [V4Protocol] Re: Noise and functionality

Yahoo group: V4Protocol
Date: 2011-08-24 12:54:32 UTC
From: Rick Muething
Topic: 1682 Message: 1722

Cortland,

Not that off topic. The receive levels of V4 and WINMOR are basically the same and they are NOT set internal to either program. The received levels are set ONLY by
1) The audio level into the sound card from the radio speaker or Aux audio output
2) The gain controls (pot and/or jumper) in the sound card interface (e.g. The SignaLink has both a RX pot and an internal jumper J2)
3) On some sound cards (if the driver for that sound card uses the Windows mixer) the mixer gain control FOR THAT SOUND CARD. See the Help on how to set this using the WIndows Mixer. Note Windows may reset this automatically after some Windows updates (don't ask me why!)

The idea of setting the levels toward the middle of the range is simple. You have a 16 bit Sound card. If you don't use at least half of the input range of the sound card you loose dynamic range. Without getting the level toward the middle you may be working with the equivalent of an 8 or 10 bit sound card. If you overdrive the sound card (into the RED) you will clip some of the waveforms and that causes distortion in the DSP demodulator.

Rick KN6KB

1723. Re: [V4Protocol] Re: Noise and functionality

Yahoo group: V4Protocol
Date: 2011-08-24 13:10:13 UTC
From: David Bastress
Topic: 1682 Message: 1723

GM Rick,

I don't know if it is my computer or something else but I get very inconsistent numbers for latency in V4. They can vary by as much as a factor of 5 to 1 in just one ARQ CQ sequence. I understand that there would be some variation but not by anywhere near 5 to 1. I am using a TS-2000 with SLUSB sound card and a 2.3 GHz E machine. Oh yes, I have plenty of noise for the program to work with. Background noise at approximately half green line. Any thoughts?

Dave K3GAU

1724. Re: [V4Protocol] Re: Noise and functionality

Yahoo group: V4Protocol
Date: 2011-08-24 13:49:22 UTC
From: Rick Muething
Topic: 1682 Message: 1724

Dave,
I really need to see the numbers. They are in the debug log file. Programming is nothing but details!
5:1 is a big spread but 20 ms and 100 ms is 5:1 and entirely possible. 200ms and 1000 ms would be truly unusual. Make sure your SignaLink DLY is absolute minimum. (CCW) You typically should see a number somewhere like 50-120 ms or so. Actually anything consistently under 250ms is fine (as I have mentioned before this is a rough test mainly to catch the extremes in setting). The program does NOT use the measurement at all ...it simply is there to warn the user of a setup or hardware configuration that could cause a problem due to excess latency. You might also check the AGC setting on the TS-2000. Setting it fast may reduce the latency (I haven't checked that yet but it is affected by AGC speed on some radios)

Rick KN6KB

1725. Re: [V4Protocol] Checking CPU usage of various programs

Yahoo group: V4Protocol
Date: 2011-08-24 14:42:56 UTC
From: Fred G -w1wyc
Topic: 1717 Message: 1725

Hi Rick,

Yeah, the latest revision, 0.5.2.0, really used a lot of cpu time. I looked at the Task Manager and it was up around 100%. I reloaded 0.5.1.0 and the time
came down to about 65% with only V4 running.

I also checked my latency and its running between 72ms and 96ms.

Pretty good I think....

Fred, W1WYC

BTW, my FT920 is intermittent. I haven't had a chance to get inside it yet, we've been busy getting ready for our granddaughters 30th birthday today.
I'll probably hold off on opening the 920 until after Irene clears here Sunday night.

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Tuesday, August 23, 2011 5:43 PM
Subject: Re: [V4Protocol] Checking CPU usage of various programs

Robert, All
That last update which used a suggested method of graphics updating inadvertently gobbled up a lot of CPU time maintaining the shadow waterfall graphics. I have an update which I am now testing that put is back to the original CPU loading but I want to test it further to see if it precipitates the waterfall freeze. Unfortunately since I never see the waterfall freeze here on any of my computers testing the release to see if it fixes (or makes worse!) the waterfall freeze is a time consuming and hit or miss effort.

If others have had waterfall freezes that want to try out a test version let me know and I'll send you a test V4 TNC.exe file to try.

Rick KN6KB
.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1392 / Virus Database: 1520/3852 - Release Date: 08/23/11

1726. Re: [V4Protocol] FLex Radio V4 v 5.2.0

Yahoo group: V4Protocol
Date: 2011-08-25 09:09:36 UTC
From: Rick Muething
Topic: 1710 Message: 1726

Thanks John,

Your input much appreciated. For those that have tried 0.5.2.0 but experienced excessive CPU loading or waterfall freezes (those two MAY be related) I have a test version I will post on the FTP site. This version of the V4 TNC is 0.5.2.2 and uses a slightly different mechanism for the waterfall and constellation update which reduces CPU loading back to about the same as version 0.5.1.0. It also completely eliminates graphic updates when minimized.

For those with a problem with either the CPU loading (generally anything more than 40-50% is too much) or with a waterfall “freeze” please download and try this patch version 0.5.2.2. Simply download the zip file, unzip and replace you current V4 TNC.exe file with the contents of the zip. DO NOT uninstall the current version. You might want to make a back up copy of the current V4 TNC.exe but I am pretty confident 0.5.2.2 will work.

I am working on a new update that will include optional auto updating.

Rick KN6KB

1727. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-08-25 09:11:13 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1727

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4 TNC 0.5.2.2.zip
Uploaded by : kn6kb <rmuething@...>
Description : Patch for V4 TNC.exe to reduce CPU loading from version 0.5.2.0 Unzip to replace JUST the V4 TNC.exe file.

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4%20TNC%200.5.2.2.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1728. Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-08-25 19:28:17 UTC
From: ham
Topic: 43 Message: 1728

Rick:

Version 0.5.2.2 now only using about 20% CPU on my system. Previous version was using about 40% - no issue for me but someone with an older CPU might have had some issues. No protcol issues based on 2 QSOs today.

73, Bernie

--- In V4Protocol@yahoogroups.com, V4Protocol@yahoogroups.com wrote:
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the V4Protocol
> group.
>
> File : /V4 TNC 0.5.2.2.zip
> Uploaded by : kn6kb <rmuething@...>
> Description : Patch for V4 TNC.exe to reduce CPU loading from version 0.5.2.0 Unzip to replace JUST the V4 TNC.exe file.
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/V4Protocol/files/V4%20TNC%200.5.2.2.zip
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> Regards,
>
> kn6kb <rmuething@...>
>

1729. Re: [V4Protocol] Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-08-25 19:46:15 UTC
From: Rick Muething
Topic: 43 Message: 1729

Thanks Bernie,
That is similar to what I have observed here too. Now if it just helps those with the waterfall “Freeze” issues (I don’t have those either!). I suspect that part of the observed “freeze” problems is the CPU and/or graphics card running out of steam trying to process the waterfall. Minimizing the V4 TNC reduces the loading by bypassing the graphics calculations and display.

73,

Rick KN6KB

From: ham
Sent: Thursday, August 25, 2011 3:28 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: New file uploaded to V4Protocol

1730. Test V4 Chat between South Africa and Germany

Yahoo group: V4Protocol
Date: 2011-08-27 21:12:12 UTC
From: ZS6AAG
Topic: 1730 Message: 1730

This just to let the group Knows that today around 18h00GMT an excellent contact was done between ZS6AAG and DL4VCW for aperiod of 20 minutes in ARQ mode. ZS6AAG Jean louis with a TH3JR and DL4VCW with a simple wire (dipole i think). Many thanks to the developer of this programme. 73 from ZS6AAG

1731. QSO - W8OZY

Yahoo group: V4Protocol
Date: 2011-08-28 17:57:10 UTC
From: ka1gmn
Topic: 1731 Message: 1731

I just had what I consider my first real ragchew session via V4 Chat with W8OZY. QSB was present, but we were able to have a good 15 minute QSO without time-outs.

The protocol is coming along great Rick. Thanks for your hard work.

Operating Conditions:

V4 Chat - v 0.5.2.2

PowerSDR - v2.1.5

Flex 5000A - configured as per directions in V4 chat help file.

Windows 7 Ultimate - no page file, and many services shut down.

phil de ka1gmn

1732. Re: [V4Protocol] QSO - W8OZY

Yahoo group: V4Protocol
Date: 2011-08-28 18:09:24 UTC
From: Ed Woods WD9DVA
Topic: 1731 Message: 1732

Just kicks what freq? Right now it is 281808Z we've been off and on 7073 since 1455Z. We're back now. 73 Ed
----- Original Message -----
From: ka1gmn
To: V4Protocol@yahoogroups.com
Sent: Sunday, August 28, 2011 17:57
Subject: [V4Protocol] QSO - W8OZY

I just had what I consider my first real ragchew session via V4 Chat with W8OZY. QSB was present, but we were able to have a good 15 minute QSO without time-outs.

The protocol is coming along great Rick. Thanks for your hard work.

Operating Conditions:

V4 Chat - v 0.5.2.2

PowerSDR - v2.1.5

Flex 5000A - configured as per directions in V4 chat help file.

Windows 7 Ultimate - no page file, and many services shut down.

phil de ka1gmn

1733. Re: [V4Protocol] QSO - W8OZY

Yahoo group: V4Protocol
Date: 2011-08-28 18:23:33 UTC
From: Phil Williams
Topic: 1731 Message: 1733

The typical hangout on 20 meters is 14.073, but that frequency get to
crowded at times, so I am on 14.074 if you'd like to try a session.

phil de ka1gmn

On Sun, Aug 28, 2011 at 1:09 PM, Ed Woods WD9DVA <wd9dva@sbcglobal.net>wrote:

> **
>
>
> **
> *Just kicks what freq? Right now it is 281808Z we've been off and on 7073
> since 1455Z. We're back now. 73 Ed*
>
> ----- Original Message -----
> *From:* ka1gmn <ka1gmn@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Sunday, August 28, 2011 17:57
> *Subject:* [V4Protocol] QSO - W8OZY
>
>
>
> I just had what I consider my first real ragchew session via V4 Chat with
> W8OZY. QSB was present, but we were able to have a good 15 minute QSO
> without time-outs.
>
> The protocol is coming along great Rick. Thanks for your hard work.
>
> Operating Conditions:
>
> V4 Chat - v 0.5.2.2
>
> PowerSDR - v2.1.5
>
> Flex 5000A - configured as per directions in V4 chat help file.
>
> Windows 7 Ultimate - no page file, and many services shut down.
>
> phil de ka1gmn
>
>
>

--
Philw de KA1GMN

1734. Re: [V4Protocol] QSO - W8OZY

Yahoo group: V4Protocol
Date: 2011-08-28 20:52:28 UTC
From: Yussuf
Topic: 1731 Message: 1734

Most 14073 is full of HELL and even PSK31 tarffic here in EU
I propose QRG between 14085...1495, e.g 14094

--
73's OH7TE Yufenau

1735. Re: [V4Protocol] QSO - W8OZY

Yahoo group: V4Protocol
Date: 2011-08-28 21:55:35 UTC
From: Phil Williams
Topic: 1731 Message: 1735

Yufenau,

I think it would be a good idea if operators find other frequencies besides
14.073. Announcing your operating frequency is key.

I would like to propose announcements made at http://hamspots.net/

phil de ka1gmn

On Sun, Aug 28, 2011 at 3:52 PM, Yussuf <yufenau@...> wrote:

> **
>
>
> Most 14073 is full of HELL and even PSK31 tarffic here in EU
> I propose QRG between 14085...1495, e.g 14094
>
> --
> 73's OH7TE Yufenau
>
>
>
>

--
Philw de KA1GMN

1736. Re: QSO - W8OZY

Yahoo group: V4Protocol
Date: 2011-08-29 12:36:30 UTC
From: ei5ds
Topic: 1731 Message: 1736

Hi Yufenau,

I suugest we stay on 14073. You need a 'watering hole' for the mode.

You can always QSY to another QRG if you have QRM.

In my QTH (Dublin, Ireland) 14073 is quiet for most of the day.

Occasional Hell activity, but only for short periods.

Look forward to another QSO soon.

73's de Ned/EI5DS

--- In V4Protocol@yahoogroups.com, Yussuf <yufenau@...> wrote:
>
> Most 14073 is full of HELL and even PSK31 tarffic here in EU
> I propose QRG between 14085...1495, e.g 14094
>
> --
> 73's OH7TE Yufenau
>

1737. V4 Chat ver. 0.5.2.2 performing great

Yahoo group: V4Protocol
Date: 2011-09-01 00:18:44 UTC
From: John Sweeney
Topic: 1737 Message: 1737

Been having great chat QSO's on V4 mode with a Flex 5000. The program now operates fine with the Flex with no freeze ups of V4. Showing latency reading of 160ms, well within operating specs for V4. having some very solid qso's, even with weaker signals. Even some DX QSO's longer chats. Total CPU use percent less than 20%.

I also operated V4 with a Ten Tec Jupiter and SignaLink USB interface with good success. The Ten Tec shows latency at 10 to 20ms. I knew the Ten Tec would be fast, was not so sure about the Signalink, but a SignaLink USB is fine on V4 Chat mode.

Rick, looking good.

73 John N3WT

1738. Re: QSO - W8OZY

Yahoo group: V4Protocol
Date: 2011-09-01 20:14:44 UTC
From: Fred Bourne
Topic: 1731 Message: 1738

Hi All.

I think we will have to really think about the 14.073 frequency.

I just looked at 14.075 and that has Hell, so where?

All I have heard all night is Hell and MFSK. V4 not a chance

Cheers Fred G3YJQ.

1739. Re: QSO - W8OZY

Yahoo group: V4Protocol
Date: 2011-09-02 16:42:26 UTC
From: Robert Belize
Topic: 1731 Message: 1739

It is very easy and up to the v4chat client creator, to include the calling qrg's for each band.
This is my opinion....What is yours?
Robert V31AE

--- In V4Protocol@yahoogroups.com, "Fred Bourne" <g3yjq@...> wrote:
>
> Hi All.
>
> I think we will have to really think about the 14.073 frequency.
>
> I just looked at 14.075 and that has Hell, so where?
>
> All I have heard all night is Hell and MFSK. V4 not a chance
>
> Cheers Fred G3YJQ.
>

1740. Re: [V4Protocol] Re: QSO - W8OZY

Yahoo group: V4Protocol
Date: 2011-09-02 17:12:27 UTC
From: wb0kgn@q.com
Topic: 1731 Message: 1740

Those using a number of digital modes snuggle up close to the 14.070 psk31 frequency. Part of that strategy is hoping that they can pull psk31 stations to their preferred mode. For a new mode like V4chat with its yahoo chat group this strategy is not necessary. I would suggest moving above the WSJT favored frequency of 14.073 to about 14.075. When there is rare dx and during contests, the rtty region of the band is quite busy. But most of the time it is not.

Dave wb0kgn

----- Original Message -----
From: "Robert Belize" <robertbelize@...>
To: V4Protocol@yahoogroups.com
Sent: Friday, September 2, 2011 11:42:26 AM
Subject: [V4Protocol] Re: QSO - W8OZY

It is very easy and up to the v4chat client creator, to include the calling qrg's for each band.
This is my opinion....What is yours?
Robert V31AE

--- In V4Protocol@yahoogroups.com , "Fred Bourne" <g3yjq@...> wrote:
>
> Hi All.
>
> I think we will have to really think about the 14.073 frequency.
>
> I just looked at 14.075 and that has Hell, so where?
>
> All I have heard all night is Hell and MFSK. V4 not a chance
>
> Cheers Fred G3YJQ.
>

1741. Heard in VK - KO1CB

Yahoo group: V4Protocol
Date: 2011-09-03 06:31:31 UTC
From: Paul Whitaker
Topic: 1706 Message: 1741

Hi Rick,
I had my system running on 14.073 between 0100 & 0500z today, while I was doing other jobs.
At 0500z I returned and noticed 4 CQ calls from KO1CB - perfect.
I tried to call back, but no go. I tried a number of CQ calls, but nothing heard.

A thought - if there was some way to note the time - probably in the CQ'ing station's CQ's, it would help in this situation..... ?

Still havent had any contacts with 0.5.2.0 locally yet, and looking for DX !

Looking good from all the comments -

Thanks

Paul Whitaker.
VK3DPW

1742. Re: [V4Protocol] Heard in VK - KO1CB

Yahoo group: V4Protocol
Date: 2011-09-03 11:00:10 UTC
From: Ron Wenig
Topic: 1706 Message: 1742

We could call CQ using FEC mode. This way we could send more information in the CQ like "CQ CQ CQ ARQ mode de NY3J NY3J NY3J in Pennsylvania at 1500 UTC". Then switch to ARQ mode while waiting for a reply.

Ron ny3j

On 9/3/2011 2:31 AM, Paul Whitaker wrote:
>
> Hi Rick,
> I had my system running on 14.073 between 0100 & 0500z today, while I was
> doing other jobs.
> At 0500z I returned and noticed 4 CQ calls from KO1CB - perfect.
> I tried to call back, but no go. I tried a number of CQ calls, but
> nothing
> heard.
>
> A thought - if there was some way to note the time - probably in the
> CQ'ing
> station's CQ's, it would help in this situation..... ?
>
> Still havent had any contacts with 0.5.2.0 locally yet, and looking
> for DX !
>
> Looking good from all the comments -
>
> Thanks
>
> Paul Whitaker.
> VK3DPW
>
>

1743. Re: [V4Protocol] Heard in VK - KO1CB

Yahoo group: V4Protocol
Date: 2011-09-03 12:25:55 UTC
From: Fred G -w1wyc
Topic: 1706 Message: 1743

Hi Paul,

You can click on "Logs" and open the "Chat" file for the day you are interested in.
The time is there.

73,
Fred, W1WYC

----- Original Message -----
From: Paul Whitaker
To: V4Protocol@yahoogroups.com
Sent: Saturday, September 03, 2011 2:31 AM
Subject: [V4Protocol] Heard in VK - KO1CB

Hi Rick,
I had my system running on 14.073 between 0100 & 0500z today, while I was
doing other jobs.
At 0500z I returned and noticed 4 CQ calls from KO1CB - perfect.
I tried to call back, but no go. I tried a number of CQ calls, but nothing
heard.

A thought - if there was some way to note the time - probably in the CQ'ing
station's CQ's, it would help in this situation..... ?

Still havent had any contacts with 0.5.2.0 locally yet, and looking for DX !

Looking good from all the comments -

Thanks

Paul Whitaker.
VK3DPW

1744. Re: [V4Protocol] Heard in VK - KO1CB

Yahoo group: V4Protocol
Date: 2011-09-03 17:28:05 UTC
From: Rick Muething
Topic: 1706 Message: 1744

Paul,

The CQ timing and all log info is ALWAYS logged in UTC under the main log. I will try and put in the UTC time on the display window...just don’t want to get it too cluttered up.

Rick

From: Paul Whitaker
Sent: Saturday, September 03, 2011 2:31 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Heard in VK - KO1CB

Hi Rick,
I had my system running on 14.073 between 0100 & 0500z today, while I was doing other jobs.
At 0500z I returned and noticed 4 CQ calls from KO1CB - perfect.
I tried to call back, but no go. I tried a number of CQ calls, but nothing heard.

A thought - if there was some way to note the time - probably in the CQ'ing station's CQ's, it would help in this situation..... ?

Still havent had any contacts with 0.5.2.0 locally yet, and looking for DX !

Looking good from all the comments -

Thanks

Paul Whitaker.
VK3DPW

1745. Re: Heard in VK - KO1CB

Yahoo group: V4Protocol
Date: 2011-09-03 21:56:17 UTC
From: Robert Belize
Topic: 1706 Message: 1745

Hi Paul, b4 I go horizontal today I'll turn my beam to VK and call cq at around 5 Zulu, trying 14073 and 18073 Khz doing it for 30 minutes or so..
73' Robert V31AE

--- In V4Protocol@yahoogroups.com, Paul Whitaker <dromana@...> wrote:
>
> Hi Rick,
> I had my system running on 14.073 between 0100 & 0500z today, while I was
> doing other jobs.
> At 0500z I returned and noticed 4 CQ calls from KO1CB - perfect.
> I tried to call back, but no go. I tried a number of CQ calls, but nothing
> heard.
>
> A thought - if there was some way to note the time - probably in the CQ'ing
> station's CQ's, it would help in this situation..... ?
>
> Still havent had any contacts with 0.5.2.0 locally yet, and looking for DX !
>
> Looking good from all the comments -
>
> Thanks
>
> Paul Whitaker.
> VK3DPW
>

1746. Re: [V4Protocol] Heard in VK - KO1CB

Yahoo group: V4Protocol
Date: 2011-09-04 02:24:16 UTC
From: Paul Whitaker
Topic: 1706 Message: 1746

Hi Rick,

Also, when I got home last night, N0LWF was logged at 8:51 UTC with CQ call.

Fred, W1WYC - Yes, Like Rick mentioned - and I did look at the LOG file
and noted the UTC times - and I was definitely not around at that time...

Ron ny3j - Yes, that would work, but I was thinking of a system that put it
automatically into the CQ call, from the PC clock. I think Rick is looking
into it...

Robert V31AE - Thanks Robert - 5 UTC is in 4.5 hours (3pm local time) -
so Ill try to be here (Its Fathers Day here) - the system will be in ARQ,
so you can get a link in any case.....Only 14.073 though.

>
>
>Paul,
>
>The CQ timing and all log info is ALWAYS logged in UTC under the main
>log. I will try and put in the UTC time on the display window...just
>donâ☐☐t want to get it too cluttered up.
>
>Rick

I also have some good signals coming from the States on 40, so 7073 around
14:00 UTC - and as I am just getting home from work at that time
(Midnight), I often have a listen.

This Z (Zulu) or UTC seems to be giving grief - The same thing.

'73, and looking for some contacts...

Paul Whitaker.
VK3DPW

1747. Re: Heard in VK - KO1CB

Yahoo group: V4Protocol
Date: 2011-09-04 05:58:07 UTC
From: Robert Belize
Topic: 1706 Message: 1747

Paul. I tried ARQ, it connected to your station, but no flow of data...I don't know why exactly but could be just the long delay between us. My change over time here is 10 or 20 ms max..could be just the long distance. Anyway I also put out some data in fec mode. should be all recorded and in your log files..
rst was no reading on the meter but it connected easy...
73
Robert V31AE

--- In V4Protocol@yahoogroups.com, Paul Whitaker <dromana@...> wrote:
>
> Hi Rick,
>
> Also, when I got home last night, N0LWF was logged at 8:51 UTC with CQ call.
>
> Fred, W1WYC - Yes, Like Rick mentioned - and I did look at the LOG file
> and noted the UTC times - and I was definitely not around at that time...
>
>
> Ron ny3j - Yes, that would work, but I was thinking of a system that put it
> automatically into the CQ call, from the PC clock. I think Rick is looking
> into it...
>
>
> Robert V31AE - Thanks Robert - 5 UTC is in 4.5 hours (3pm local time) -
> so Ill try to be here (Its Fathers Day here) - the system will be in ARQ,
> so you can get a link in any case.....Only 14.073 though.
>
>
> >
> >
> >Paul,
> >
> >The CQ timing and all log info is ALWAYS logged in UTC under the main
> >log. I will try and put in the UTC time on the display window...just
> >donâ☐☐t want to get it too cluttered up.
> >
> >Rick
>
>
> I also have some good signals coming from the States on 40, so 7073 around
> 14:00 UTC - and as I am just getting home from work at that time
> (Midnight), I often have a listen.
>
> This Z (Zulu) or UTC seems to be giving grief - The same thing.

>
> '73, and looking for some contacts...
>
> Paul Whitaker.
> VK3DPW
>

1748. Re: [V4Protocol] Re: Heard in VK - KO1CB

Yahoo group: V4Protocol
Date: 2011-09-04 08:17:06 UTC
From: Paul Whitaker
Topic: 1706 Message: 1748

Hi Robert,
Yes, all copied the connects, and FEC data. Its all on my screen.
Unfortunately, I got home later than I expected, and my Radio/Computer got
to have all the fun !
Sounds excellent with the low sig strengths, so looking forward to seeing
it happen !
I will have a look around later tonight on 7073, and again on 14073
tomorrow at 0500 approx UTC.

And to Ian VK3YEA, county to what has been said elsewhere, this group talks
in DIAL frequencies.

Thanks all,

Paul Whitaker.
VK3DPW

At 03:58 PM 04/09/2011, you wrote:
>
>
>Paul. I tried ARQ, it connected to your station, but no flow of data...I
>don't know why exactly but could be just the long delay between us. My
>change over time here is 10 or 20 ms max..could be just the long distance.
>Anyway I also put out some data in fec mode. should be all recorded and in
>your log files..
>rst was no reading on the meter but it connected easy...
>73
>Robert V31AE

1749. RE: [V4Protocol] Re: Heard in VK - KO1CB

Yahoo group: V4Protocol
Date: 2011-09-04 08:54:01 UTC
From: Ian Branch
Topic: 1706 Message: 1749

Listened on 14073 from 0500 to 0530 UTC and heard nothing. Sigh.

Ian

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Paul Whitaker
Sent: Sunday, 4 September 2011 6:17 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Heard in VK - KO1CB

Hi Robert,
Yes, all copied the connects, and FEC data. Its all on my screen.
Unfortunately, I got home later than I expected, and my Radio/Computer got to have all the fun !
Sounds excellent with the low sig strengths, so looking forward to seeing it happen !
I will have a look around later tonight on 7073, and again on 14073 tomorrow at 0500 approx UTC.

And to Ian VK3YEA, county to what has been said elsewhere, this group talks in DIAL frequencies.

Thanks all,

Paul Whitaker.
VK3DPW

1750. Listening...7073

Yahoo group: V4Protocol
Date: 2011-09-04 08:58:15 UTC
From: Ian Branch
Topic: 1750 Message: 1750

Listening on 7073, ARQ mode till 0905UTC, 1805Kilo.

1751. Change in latency measurement in v 5.2?

Yahoo group: V4Protocol
Date: 2011-09-04 15:13:50 UTC
From: captcurt@flash.net
Topic: 1751 Message: 1751

GM All:

I just noticed that when I switched to v 5.2 and 5.2.2, that my measured T/R Latency displayed has dropped 70 mS. Same rig, same interface, same everything. Did the measurement method change or was some other software change making it do this? Just curious..all works just fine. Previous latency was running 90-110. Now showing 20 35 most cases.

TR-7, Hard PTT via RS-232 on XP pro, Intel P4 3.0GHz

Thanks

Curt
KU8L

1752. Re: [V4Protocol] Change in latency measurement in v 5.2?

Yahoo group: V4Protocol
Date: 2011-09-04 15:20:02 UTC
From: Fred G -w1wyc
Topic: 1751 Message: 1752

Curt,

I had the same thing but I had several programs up in the task bar. When I got rid of these my latency dropped from around 250ms to approx. 65ms.
Certainly made a difference. Windows Task Manager tells all. I look at the Performance window to see the CPU usage.

Fred, W1WYC

----- Original Message -----
From: captcurt@...
To: V4Protocol@yahoogroups.com
Sent: Sunday, September 04, 2011 11:13 AM
Subject: [V4Protocol] Change in latency measurement in v 5.2?

GM All:

I just noticed that when I switched to v 5.2 and 5.2.2, that my measured T/R Latency displayed has dropped 70 mS. Same rig, same interface, same everything. Did the measurement method change or was some other software change making it do this? Just curious..all works just fine. Previous latency was running 90-110. Now showing 20 35 most cases.

TR-7, Hard PTT via RS-232 on XP pro, Intel P4 3.0GHz

Thanks

Curt
KU8L

1753. Success !

Yahoo group: V4Protocol
Date: 2011-09-05 05:50:10 UTC
From: Paul Whitaker
Topic: 1751 Message: 1753

Hi all,
Quick report - Had a great contact with AE6LA - Ken, last night about 13:51 to 14:21 UTC on 7073.
Not much signal, but fine copy, repeats only when sig fading.

Working very well.

Monitoring 14073 around 05:00 UTC, and 7073 around 14:00 UTC.
My system is left running most of the day/evening on ARQ, so stations can get a connect even if Im not at the radio.

Cheers

Paul Whitaker.
VK3DPW

1754. Re: Change in latency measurement in v 5.2?

Yahoo group: V4Protocol
Date: 2011-09-05 13:42:40 UTC
From: SV1UY
Topic: 1751 Message: 1754

Same at this end Curt,

I guess it was a bug in the V4CHAT TNC and Rick fixed it. I use a QuadCore PC here and I had latency of 250 mS before v5.2.2. The same was happening with WINMOR TNC and was corrected the same time.

Now with the new version I have a latency of 20-30 mS most of the time. I do not know now if I can believe this latency counter in both V4chat and WINMOR.

Well these are problems that occur when you rely on the PC's soundcard and O/S for the generation of the protocol and not in an external hardware TNC/MODEM/CONTROLLER.
You get what you pay for!

73 de Demetre SV1UY

--- In V4Protocol@yahoogroups.com, "captcurt@..." <captcurt@...> wrote:
>
> GM All:
>
> I just noticed that when I switched to v 5.2 and 5.2.2, that my measured T/R Latency displayed has dropped 70 mS. Same rig, same interface, same everything. Did the measurement method change or was some other software change making it do this? Just curious..all works just fine. Previous latency was running 90-110. Now showing 20 35 most cases.
>
> TR-7, Hard PTT via RS-232 on XP pro, Intel P4 3.0GHz
>
> Thanks
>
> Curt
> KU8L
>

1755. Re: [V4Protocol] Heard in VK - KO1CB

Yahoo group: V4Protocol
Date: 2011-09-05 17:43:39 UTC
From: Rick Muething
Topic: 1706 Message: 1755

Paul/All,

There is no additional room in the CQ or Connect request for things like Date/time. The frame just now correctly contains both compressed call signs (including – ssid). Plus I don't see any advantage of sending the date/time with the CQ. Any station receiving the CQ or Call already has the UTC time (from the PC Clock adjusted for UTC) and can simply log the time of the decoded CQ or Call sign. In fact as I mentioned this is already done in the log file. Every item on the session screen is logged to the main V4Chat log with the UTC Time/date. I will look into displaying the decode time of the CQ or Call on the session window for convenience. Right now I am trying to get the damn Autoupdate to work correctly!

Rick KN6KB

From: Paul Whitaker
Sent: Saturday, September 03, 2011 10:24 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Heard in VK - KO1CB

Hi Rick,

Also, when I got home last night, N0LWF was logged at 8:51 UTC with CQ call.

Fred, W1WYC - Yes, Like Rick mentioned - and I did look at the LOG file
and noted the UTC times - and I was definitely not around at that time...

Ron ny3j - Yes, that would work, but I was thinking of a system that put it
automatically into the CQ call, from the PC clock. I think Rick is looking
into it...

Robert V31AE - Thanks Robert - 5 UTC is in 4.5 hours (3pm local time) -
so Ill try to be here (Its Fathers Day here) - the system will be in ARQ,
so you can get a link in any case.....Only 14.073 though.

>
>
>Paul,
>
>The CQ timing and all log info is ALWAYS logged in UTC under the main
>log. I will try and put in the UTC time on the display window...just
>donâ□□t want to get it too cluttered up.
>
>Rick

I also have some good signals coming from the States on 40, so 7073 around
14:00 UTC - and as I am just getting home from work at that time
(Midnight), I often have a listen.

This Z (Zulu) or UTC seems to be giving grief - The same thing.

'73, and looking for some contacts...

Paul Whitaker.
VK3DPW

1756. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-05 19:09:50 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1756

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.5.3.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.5.3.0 Full install with V4 TNC, Help and revision history

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.5.3.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1757. V4Chat 0.5.3.0 uploaded to Yahoo FTP site

Yahoo group: V4Protocol
Date: 2011-09-05 19:20:01 UTC
From: kn6kb
Topic: 1757 Message: 1757

All,

I am still working on an unresolved issue with auto updates but I wanted to get this interim update posted.

This includes all operational updates to V4Chat and the V4TNC. You will also see now a check box option in V4Chat setup for enabling Auto update (default = enabled). Depending on how the issue is resolved with auto update it still may be necessary to do a full install again on the next release. I need to talk to one of the other Winlink developers to resolve this.

You may also notice slightly different (approx 20 ms longer) latency measurements but this is primarily due to the measurement scheme and some efforts to minimize CPU loading. Any values near 250 ms or less are fine and the program SHOULD work for values up to about 300 ms. I am doing testing on the Flex 3000 and showing latency measurements in the 180 - 230 ms range with the settings suggested in the Help.

You will have to uninstall your existing V4Chat and re install using the new Zip file but no settings should be lost.

There are some changes in this that should reduce some CPU loading which may improve operation on slower computers.

As usual if you have a problem note the UTC time, describe the problem and send me (directly as attachments) the V4TNC Debug log, main V4 Log and any exception logs.

73,

Rick KN6KB Direct email: rmuethingATcfl.rr.com

1758. Anybody Want To Try V4 With Me Today?

Yahoo group: V4Protocol
Date: 2011-09-05 20:01:55 UTC
From: Rick Westerfield
Topic: 1758 Message: 1758

Hello,

I just updated to Rick's latest version as of a few minutes ago. Anybody up for some Chat?

Rick - KH2DF

1759. Re: Anybody Want To Try V4 With Me Today?

Yahoo group: V4Protocol
Date: 2011-09-05 20:05:22 UTC
From: SV1UY
Topic: 1758 Message: 1759

Hi Rick,

I am now QRV on 14,073 DIAL QRG. Please try to connect me when ready. I will stay there until 21.00 UTC.

73 de Demetre SV1UY
http://www.qsl.net/sv1uy

--- In V4Protocol@yahoogroups.com, "Rick Westerfield" <r_lwesterfield@...> wrote:
>
> Hello,
>
>
>
> I just updated to Rick's latest version as of a few minutes ago. Anybody
> up for some Chat?
>
>
>
> Rick - KH2DF
>

1760. RE: [V4Protocol] Re: Anybody Want To Try V4 With Me Today?

Yahoo group: V4Protocol
Date: 2011-09-05 20:22:14 UTC
From: Rick Westerfield
Topic: 1758 Message: 1760

Hello Demetre,

I am giving it a try. I am sending periodic CQ burst . . . let's see what happens.

Rick KH2DF/W5

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of SV1UY
Sent: Monday, September 05, 2011 3:05 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Anybody Want To Try V4 With Me Today?

Hi Rick,

I am now QRV on 14,073 DIAL QRG. Please try to connect me when ready. I will stay there until 21.00 UTC.

73 de Demetre SV1UY
http://www.qsl.net/sv1uy

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> , "Rick Westerfield" <r_lwesterfield@...> wrote:
>
> Hello,
>
>
>
> I just updated to Rick's latest version as of a few minutes ago. Anybody
> up for some Chat?
>
>
>
> Rick - KH2DF
>

1761. Re: Anybody Want To Try V4 With Me Today?

Yahoo group: V4Protocol
Date: 2011-09-05 20:47:36 UTC
From: SV1UY
Topic: 1758 Message: 1761

Calling you now Rick,
Just finished a QSO with OH7TE.

73 de Demetre SV1UY

--- In V4Protocol@yahoogroups.com, "Rick Westerfield" <r_lwesterfield@...> wrote:
>
> Hello Demetre,
>
>
>
> I am giving it a try. I am sending periodic CQ burst . . . let's see
> what happens.
>
>
>
> Rick KH2DF/W5
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of SV1UY
> Sent: Monday, September 05, 2011 3:05 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Anybody Want To Try V4 With Me Today?
>
>
>
>
>
>
> Hi Rick,
>
> I am now QRV on 14,073 DIAL QRG. Please try to connect me when ready. I will
> stay there until 21.00 UTC.
>
> 73 de Demetre SV1UY
> http://www.qsl.net/sv1uy
>
> --- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> ,
> "Rick Westerfield" <r_lwesterfield@> wrote:
> >
> > Hello,
> >
> >
> >

> > I just updated to Rick's latest version as of a few minutes ago. Anybody
> > up for some Chat?
> >
> >
> >
> > Rick - KH2DF
> >
>

1762. Re: Anybody Want To Try V4 With Me Today?

Yahoo group: V4Protocol
Date: 2011-09-05 20:49:07 UTC
From: Yussuf
Topic: 1758 Message: 1762

Good V4 SV1UY<> OH7TE chat some minutes ago

--
73's OH7TE "Yussi"

1763. V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-05 21:01:12 UTC
From: SV1UY
Topic: 1763 Message: 1763

Hi Rick KN6KB,

New version works FB FB FB OM. If you don't mind me asking, there are 2 things missing though.

1. There should be a 3rd window on the right side in the middle. This window should ECHO the text that has been received by the other station.

2. We should be able to have a "selectable/clickable" PSEUDO FULL-DUPLEX QSO, just like in Terminal Programs for PACTOR 1/2/3 QSOS. This way we will be able to fully enjoy V4 chat in ARQ MODE, because we will not need to say BTU OH7TE DE SV1UY PSE K... each time we want to pass the keys to the other party. We will be able just to type away and have a nice V4 chat just like on MSN or SKYPE etc.

I have talked about the above 2 with a few guys and they agree, so if it is not a big thing to do please include them in your V4 TODO list!

73 de Demetre SV1UY

1764. Re: [V4Protocol] V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-05 21:20:46 UTC
From: Rick Muething
Topic: 1763 Message: 1764

Demetre,
Thanks for the feedback. We have talked about a mechanism for showing the text confirmed received by the other side. While a third text window is possible it really gets to be messy. A better and more elegant mechanism is to use change the type font of the sent text (in the session window...now as blue italic) to something like blue-green italic and that would show which text is received. Note too that you already have a running indication of the confirmed delivered text by the outbound queue size. This shows in bytes how much is left for the other side to receive/confirm by ACK. When it goes to 0 everything has been confirmed delivered.

Maybe I don’t understand but the program is already set up for chat and that is just the way I use it for testing. There is no over or BTU command needed.
As the receiving station you can go ahead and type ahead and put data in your outbound buffer. It won’t send until you are the ISS and that won’t happen until the ISS has finished sending all queued data. The if you have data it will switch from IRS to ISS automatically.

The basic rule is simply this:
The ISS stays the ISS UNTIL:
1) He has completed all data (confirmed received by the IRS) and the ISS outbound queue is 0
AND
2) The IRS has typed data and has outbound data to send. The IRS outbound queue is > 0

When those two conditions are met the switchover occurs and should always be safe. There is an interlock mechanism to prevent a failed IRS<>ISS turnover if both IRS and ISS tried to enter data at the same (or near the same) time.

My suggestion of using BTU or some other indicator is just so the other side knows you are really finished typing and not just thinking of more to say with an empty queue. It is not at all required to cause the ISS<>IRS turnover. That is and always has been the idea of V4Chat. Maybe there is a better way to communicate that?

One thing that is important in making these suggestions is to think through and get some feedback on the changes before going ahead. E.g. the third window is probably 2-3 days or so worth of programming and testing and really conveys no more information than what is there now using the outbound queue indicator.

73,

Rick KN6KB

.

1765. Re: [V4Protocol] V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-05 21:49:01 UTC
From: Pete Ferrand
Topic: 1763 Message: 1765

Rick et al:

Now that the program is working well, I've been thinking that what would be neat, tho not a priority, would be a graphic indicator of a quality of the link. I'm thinking of something that displays thruput and retries in a simple image of some kind. Of course, with some practice we can tell by observing the t/r sequencing and ACKs but it would be easier if we could tell at a glance how the link is doing with changing conditions.

I'm not a graphics person so I don't have any great concepts in how this should look but a basic bar graph, horizontal or vertical, would suffice.

Just don't use an animated paper clip :)

Thanks.
-Pete
WB2QLL
Somers, WI

1766. Re: [V4Protocol] V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-06 00:24:43 UTC
From: Rick Muething
Topic: 1763 Message: 1766

Pete,

It is hard to measure one or two parameters and show link quality. There is already one very good indicator and that is the constellation display and its score. This shows the “tightness of the symbols” and scores them 0 to 100. 100 is near perfect (4 very small dots in the corners of the constellation plot). A score > 50 is usually decodable without errors. The S/N is also computed and measures the average (across the frame) of the Desired signal (one of the 4FSK tones) compared to the other three tones. Its possible to add more frills, graphs and plots but the goal should be to communicate some useful information not just show and glitz. Its important to remember that the TNC does not actually have to be visible at all...its form is primarily for operator entertainment as there are few controls that are really required.

I’ll consider putting something else in if it makes sense and communicates something of value to the user. There really is not much one can do to improved the decoding other than trying with the filter IN or Out.

Rick KN6KB

1767. Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-06 04:46:08 UTC
From: SV1UY
Topic: 1763 Message: 1767

Hi Rick again,

After reading your reply and realising that the changes need quiter a bit of programming and since the conctents of the 3rd window I propose are printed in the top window with a different font I will not insist. The program is OK as it is. The only problem I see is the change over mechanism, but then again the IRS station will attempt to seize the link after a full sentence has been typed in the buffer and the other guy has nothing else to send. I noticed this in my QSO with OH7TE yesterday. The only drawback in this is that if the other guy is a fast typist, you will never get the chance to become ISS until the other guy eventually stops typing. When I have a PACTOR QSO every word I type is sent and I can see it echoed back in a 3rd window. My station does not send the whole buffer as a big packet when I hit ENTER.

73 de Demetre SV1UY

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Demetre,
> Thanks for the feedback. We have talked about a mechanism for showing the text confirmed received by the other side. While a third text window is possible it really gets to be messy. A better and more elegant mechanism is to use change the type font of the sent text (in the session window...now as blue italic) to something like blue-green italic and that would show which text is received. Note too that you already have a running indication of the confirmed delivered text by the outbound queue size. This shows in bytes how much is left for the other side to receive/confirm by ACK. When it goes to 0 everything has been confirmed delivered.
>
> Maybe I donâ□□t understand but the program is already set up for chat and that is just the way I use it for testing. There is no over or BTU command needed.
> As the receiving station you can go ahead and type ahead and put data in your outbound buffer. It wonâ□□t send until you are the ISS and that wonâ□□t happen until the ISS has finished sending all queued data. The if you have data it will switch from IRS to ISS automatically.
>
> The basic rule is simply this:
> The ISS stays the ISS UNTIL:
> 1) He has completed all data (confirmed received by the IRS) and the ISS outbound queue is 0
> AND
> 2) The IRS has typed data and has outbound data to send. The IRS outbound queue is > 0
>
> When those two conditions are met the switchover occurs and should always be safe. There is an interlock mechanism to prevent a failed IRS<>ISS turnover if both IRS and ISS tried to enter data at the same (or near the same) time.
>
> My suggestion of using BTU or some other indicator is just so the other side knows you are really finished typing and not just thinking of more to say with an empty queue. It is not at all required to cause the ISS<>IRS turnover. That is and always has been the idea of V4Chat. Maybe there is a better way to communicate that?
>

> One thing that is important in making these suggestions is to think through and get some feedback on the changes before going ahead. E.g. the third window is probably 2-3 days or so worth of programming and testing and really conveys no more information than what is there now using the outbound queue indicator.
>
> 73,
>
> Rick KN6KB

1768. Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-06 10:21:47 UTC
From: la7um
Topic: 1763 Message: 1768

Rick. I know a ham friend beeing "colour blind" seeing only grey scales. Maybe text one direction could be bold or underlined or something? if not in an extra window like "split screen"?

73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Demetre,
> Thanks for the feedback. We have talked about a mechanism for showing the text confirmed received by the other side. While a third text window is possible it really gets to be messy. A better and more elegant mechanism is to use change the type font of the sent text (in the session window...now as blue italic) to something like blue-green italic and that would show which text is received. Note too that you already have a running indication of the confirmed delivered text by the outbound queue size. This shows in bytes how much is left for the other side to receive/confirm by ACK. When it goes to 0 everything has been confirmed delivered.
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> Maybe I donâ□□t understand but the program is already set up for chat and that is just the way I use it for testing. There is no over or BTU command needed.
> As the receiving station you can go ahead and type ahead and put data in your outbound buffer. It wonâ□□t send until you are the ISS and that wonâ□□t happen until the ISS has finished sending all queued data. The if you have data it will switch from IRS to ISS automatically.
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> 2) The IRS has typed data and has outbound data to send. The IRS outbound queue is > 0
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> When those two conditions are met the switchover occurs and should always be safe. There is an interlock mechanism to prevent a failed IRS<>ISS turnover if both IRS and ISS tried to enter data at the same (or near the same) time.
>
> My suggestion of using BTU or some other indicator is just so the other side knows you are really finished typing and not just thinking of more to say with an empty queue. It is not at all required to cause the ISS<>IRS turnover. That is and always has been the idea of V4Chat. Maybe there is a better way to communicate that?
>
> One thing that is important in making these suggestions is to think through and get some feedback on the changes before going ahead. E.g. the third window is probably 2-3 days or so worth of programming and testing and really conveys no more information than what is there now using the outbound queue indicator.
>
> 73,
>
> Rick KN6KB
>
> .

>

1769. Re: [V4Protocol] Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-06 12:01:25 UTC
From: Rick Westerfield
Topic: 1763 Message: 1769

I had several very nice chats yesterday with the new version of V4 in the worst crowded conditions on 20 meters imaginable. And the text kept flowing. It was awesome.

I do not comment often here but I have to agree with others. A fast typist that is very chatty can really dominate the link when he is the ISS. Perhaps a timer of two minutes as the ISS can be implemented to keep the bucket mouth / hand guy such as I can be at times from dominating the link.

Many thanks. It really is good code in all other respects.

Rick KH2DF

Sent from my iPhone

On Sep 6, 2011, at 5:21 AM, "la7um" <la7um@yahoo.com> wrote:

> Rick. I know a ham friend beeing "colour blind" seeing only grey scales. Maybe text one direction could be bold or underlined or something? if not in an extra window like "split screen"?
>
> 73 Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
> >
> > Demetre,
> > Thanks for the feedback. We have talked about a mechanism for showing the text confirmed received by the other side. While a third text window is possible it really gets to be messy. A better and more elegant mechanism is to use change the type font of the sent text (in the session window...now as blue italic) to something like blue-green italic and that would show which text is received. Note too that you already have a running indication of the confirmed delivered text by the outbound queue size. This shows in bytes how much is left for the other side to receive/confirm by ACK. When it goes to 0 everything has been confirmed delivered.
> >
> > Maybe I donâ€™t understand but the program is already set up for chat and that is just the way I use it for testing. There is no over or BTU command needed.
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> > The basic rule is simply this:
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> > AND

> > 2) The IRS has typed data and has outbound data to send. The IRS outbound queue is > 0
> >
> > When those two conditions are met the switchover occurs and should always be safe. There is an interlock mechanism to prevent a failed IRS<>ISS turnover if both IRS and ISS tried to enter data at the same (or near the same) time.
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> > My suggestion of using BTU or some other indicator is just so the other side knows you are really finished typing and not just thinking of more to say with an empty queue. It is not at all required to cause the ISS<>IRS turnover. That is and always has been the idea of V4Chat. Maybe there is a better way to communicate that?
> >
> > One thing that is important in making these suggestions is to think through and get some feedback on the changes before going ahead. E.g. the third window is probably 2-3 days or so worth of programming and testing and really conveys no more information than what is there now using the outbound queue indicator.
> >
> > 73,
> >
> > Rick KN6KB
> >
> > .
> >
>
>

1770. Re: [V4Protocol] Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-06 13:12:11 UTC
From: Ian Wade G3NRW
Topic: 1763 Message: 1770

___Original Message_____________________________________
From: Rick Westerfield <r_lwesterfield@...>
Date: Tue, 6 Sep 2011 Time: 07:01:25

>A fast typist that is very chatty can really dominate the link when he
>is the ISS. Perhaps a timer of two minutes as the ISS can be
>implemented to keep the bucket mouth / hand guy such as I can be at
>times from dominating the link.
>

Nah, you don't need a timer. If you're on the receiving end of a
crocodile, all you need to type is
ZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZzzzzzzz. With luck they'll get the
message.

Eventually ... :-)

--
73
Ian, G3NRW

1771. Re: [V4Protocol] Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-06 13:23:54 UTC
From: Owen Mitchell
Topic: 1763 Message: 1771

I will agree on this one, with Rick.

The latest version is working VERY good, with the Flex Radio. Installed it yesterday, and tried it to see if it worked okay. I think I woke up the East Coast. Lot of contacts.

It would be nice to know when others have stopped their QSO, and returned it back to you. Mabe a BK at the end, or OVER would help. I find myself typing in the buffer Q, and entering it in the outbound too soon. It never get to the other end. I know they are the ISS, but I thought it would go when they turned it over. No such luck. I finally kept listening for a string of "naks" to make sure I was the ISS.

Just my thoughts. Owen KB5XE Albuquerque, NM

--- On Tue, 9/6/11, Rick Westerfield <r_lwesterfield@...> wrote:

From: Rick Westerfield <r_lwesterfield@...>
Subject: Re: [V4Protocol] Re: V4 GUI improvement proposal
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Date: Tuesday, September 6, 2011, 6:01 AM

I had several very nice chats yesterday with the new version of V4 in the worst crowded conditions on 20 meters imaginable. And the text kept flowing. It was awesome.

 I do not comment often here but I have to agree with others. A fast typist that is very chatty can really dominate the link when he is the ISS. Perhaps a timer of two minutes as the ISS can be implemented to keep the bucket mouth / hand guy such as I can be at times from dominating the link.

Many thanks. It really is good code in all other respects.

Rick KH2DF

Sent from my iPhone

On Sep 6, 2011, at 5:21 AM, "la7um" <la7um@...m> wrote:

Rick. I know a ham friend beeing "colour blind" seeing only grey scales. Maybe text one direction could be bold or underlined or something? if not in an extra window like "split screen"?

73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Demetre,
> Thanks for the feedback. We have talked about a mechanism for showing the text confirmed received by the other side. While a third text window is possible it really gets to be messy. A better and more elegant mechanism is to use change the type font of the sent text

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> As the receiving station you can go ahead and type ahead and put data in your outbound buffer. It wonâ€™t send until you are the ISS and that wonâ€™t happen until the ISS has finished sending all queued data. The if you have data it will switch from IRS to ISS automatically.
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> One thing that is important in making these suggestions is to think through and get some feedback on the changes before going ahead. E.g. the third window is probably 2-3 days or so worth of programming and testing and really conveys no more information than what is there now using the outbound queue indicator.
>
> 73,
>
> Rick KN6KB
>
> .
>

1772. Re: [V4Protocol] Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-06 13:24:42 UTC
From: Ron Werthman
Topic: 1763 Message: 1772

Hi Rick, Ideal would be 2 way comms, attach data onto the ack packet for extra efficiency.

From: Rick Westerfield <r_lwesterfield@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Tuesday, September 6, 2011 8:01:25 AM
Subject: Re: [V4Protocol] Re: V4 GUI improvement proposal

I had several very nice chats yesterday with the new version of V4 in the worst crowded conditions on 20 meters imaginable. And the text kept flowing. It was awesome.

I do not comment often here but I have to agree with others. A fast typist that is very chatty can really dominate the link when he is the ISS. Perhaps a timer of two minutes as the ISS can be implemented to keep the bucket mouth / hand guy such as I can be at times from dominating the link.

Many thanks. It really is good code in all other respects.

Rick KH2DF

Sent from my iPhone

On Sep 6, 2011, at 5:21 AM, "la7um" <la7um@...> wrote:

>Rick. I know a ham friend beeing "colour blind" seeing only grey scales. Maybe text one direction could be bold or underlined or something? if not in an extra window like "split screen"?
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>73 Finn/LA7UM
>
>--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
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>> Demetre,
>> Thanks for the feedback. We have talked about a mechanism for showing the text confirmed received by the other side. While a third text window is possible it really gets to be messy. A better and more elegant mechanism is to use change the type font of the sent text (in the session window...now as blue italic) to something like blue-green italic and that would show which text is received. Note too that you already have a running indication of the confirmed delivered text by the outbound queue size. This shows in bytes how much is left for the other side to receive/confirm by ACK. When it goes to 0 everything has been confirmed delivered.
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>> The ISS stays the ISS UNTIL:
>> 1) He has completed all data (confirmed received by the IRS) and the ISS outbound queue is 0
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>> When those two conditions are met the switchover occurs and should always be safe. There is an interlock mechanism to prevent a failed IRS<>ISS turnover if both IRS and ISS tried to enter data at the same (or near the same) time.
>>
>> My suggestion of using BTU or some other indicator is just so the other side knows you are really finished typing and not just thinking of more to say with an empty queue. It is not at all required to cause the ISS<>IRS turnover. That is and always has been the idea of V4Chat. Maybe there is a better way to communicate that?
>>
>> One thing that is important in making these suggestions is to think through and get some feedback on the changes before going ahead. E.g. the third window is probably 2-3 days or so worth of programming and testing and really conveys no more information than what is there now using the outbound queue indicator.
>>
>> 73,
>>
>> Rick KN6KB
>>
>> .
>>
>
>

1773. Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-06 13:52:08 UTC
From: la7um
Topic: 1763 Message: 1773

As maybe is done with the pactor 3 progr Gold, or something...where a 2way chat may go on during a picture transfer?...If I understood told info correctly. 73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, Ron Werthman <ron_werthman@...> wrote:
>
> Hi Rick, Ideal would be 2 way comms, attach data onto the ack packet for extra efficiency.
>
>
>
> _____
> From: Rick Westerfield <r_lwesterfield@...>
> To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
> Sent: Tuesday, September 6, 2011 8:01:25 AM
> Subject: Re: [V4Protocol] Re: V4 GUI improvement proposal
>
>
> Â
> I had several very nice chats yesterday with the new version of V4 in the worst crowded conditions on 20 meters imaginable. And the text kept flowing. It was awesome.
>
> Â I do not comment often here but I have to agree with others. A fast typist that is very chatty can really dominate the link when he is the ISS. Perhaps a timer of two minutes as the ISS can be implemented to keep the bucket mouth / hand guy such as I can be at times from dominating the link.
>
> Many thanks. It really is good code in all other respects.
>
> Rick KH2DF
>
> Sent from my iPhone
>
> On Sep 6, 2011, at 5:21 AM, "la7um" <la7um@...> wrote:
>
>
>
> Â
> >Rick. I know a ham friend beeing "colour blind" seeing only grey scales. Maybe text one direction could be bold or underlined or something? if not in an extra window like "split screen"?
> >
> >73 Finn/LA7UM
> >
> >--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> >>
> >> Demetre,
> >> Thanks for the feedback. We have talked about a mechanism for showing the text confirmed received by the other side. While a third text window is possible it really gets to be messy. A better and more elegant mechanism is to use

change the type font of the sent text (in the session window...now as blue italic) to something like blue-green italic and that would show which text is received. Note too that you already have a running indication of the confirmed delivered text by the outbound queue size. This shows in bytes how much is left for the other side to receive/confirm by ACK. When it goes to 0 everything has been confirmed delivered.
> >>
> >> Maybe I donÃ¢â□¬â□¢t understand but the program is already set up for chat and that is just the way I use it for testing. There is no over or BTU command needed.
> >> As the receiving station you can go ahead and type ahead and put data in your outbound buffer. It wonÃ¢â□¬â□¢t send until you are the ISS and that wonÃ¢â□¬â□¢t happen until the ISS has finished sending all queued data. The if you have data it will switch from IRS to ISS automatically.
> >>
> >> The basic rule is simply this:
> >> The ISS stays the ISS UNTIL:
> >> 1) He has completed all data (confirmed received by the IRS) and the ISS outbound queue is 0
> >> AND
> >> 2) The IRS has typed data and has outbound data to send. The IRS outbound queue is > 0
> >>
> >> When those two conditions are met the switchover occurs and should always be safe. There is an interlock mechanism to prevent a failed IRS<>ISS turnover if both IRS and ISS tried to enter data at the same (or near the same) time.
> >>
> >> My suggestion of using BTU or some other indicator is just so the other side knows you are really finished typing and not just thinking of more to say with an empty queue. It is not at all required to cause the ISS<>IRS turnover. That is and always has been the idea of V4Chat. Maybe there is a better way to communicate that?
> >>
> >> One thing that is important in making these suggestions is to think through and get some feedback on the changes before going ahead. E.g. the third window is probably 2-3 days or so worth of programming and testing and really conveys no more information than what is there now using the outbound queue indicator.
> >>
> >> 73,
> >>
> >> Rick KN6KB
> >>
> >> .
> >>
> >
> >
>

1774. Re: [V4Protocol] Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-06 13:54:45 UTC
From: Rick Muething
Topic: 1763 Message: 1774

Ron,
You're trying to circumvent the "no free lunch" theorem!....Everything has a cost. If you send data back with the ACK you HALF the throughput (data takes time ~3+ seconds, ACK/NAK take very little time ~300 ms). The ISS has to know how long to wait to repeat so if the IRS can optionally send data the ISS must wait to see if that is happening or you get "doubles".

Now you CAN send more data in less time by: (the theory for this is well known and proven)
1) Increasing the bandwidth (now 200 Hz, and can go into any spot on the band) You would have to increase the power proportionally to keep the same S/N ratio and bit error rate of course. And of course you get fewer QSO's per KHz. (You can thank Claude Shannon for that channel capacity vs. S/N theory that is so often quoted!)

and/or

2) Increasing the bits/symbol (now 2 including 1 FEC bit) e.g. PSK can send more than 2 bits/symbol but requires a stronger signal to keep the bit error rate the same. 4FSK is near optimum in terms of bandwidth and robustness especially in multipath propagation.

and/or

3) You can decrease the FEC coding (now at 50%) but that increases the bit error rate (and repeats) unless the signals are strong (The current V4 Viterbi encoding probably yields a coding gain of something > than 3 dB so you would have to more than double the power to keep the same bit error rate)

And then there is the real problem....How do you manage two data senders in a half duplex ARQ environment? ...virtually all half duplex HF protocols use an IRS ISS concept...and it is very difficult (under all missed frames, missed data and missed ACKs situations) to insure both stations don't ever become the ISS or the IRS at the same time.

Maybe I have missed something but I don't know how to make it more straight forward:
You can type and enter data at ANY Time.... You don't have to wait for anything. You never HAVE to send over or break or anything but typed text.
When the current sending station ISS runs out of data (all outbound data has been confirmed received) he Automatically sends IDLs
If the Current Receiving station has data to send (queued) and sees an IDL from the ISS it automatically starts the IRS>ISS switchover sequence to become the new ISS.
Repeat!

Rick KN6KB

1775. Re: [V4Protocol] Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-06 14:04:56 UTC
From: Ed Woods WD9DVA
Topic: 1763 Message: 1775

whats happened to 7 mkz? NADA. Ed WD9DVA
----- Original Message -----
From: Rick Westerfield
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 06, 2011 12:01
Subject: Re: [V4Protocol] Re: V4 GUI improvement proposal

I had several very nice chats yesterday with the new version of V4 in the worst crowded conditions on 20 meters imaginable. And the text kept flowing. It was awesome.

I do not comment often here but I have to agree with others. A fast typist that is very chatty can really dominate the link when he is the ISS. Perhaps a timer of two minutes as the ISS can be implemented to keep the bucket mouth / hand guy such as I can be at times from dominating the link.

Many thanks. It really is good code in all other respects.

Rick KH2DF

Sent from my iPhone

On Sep 6, 2011, at 5:21 AM, "la7um" <la7um@...> wrote:

Rick. I know a ham friend beeing "colour blind" seeing only grey scales. Maybe text one direction could be bold or underlined or something? if not in an extra window like "split screen"?

73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Demetre,
> Thanks for the feedback. We have talked about a mechanism for showing the text confirmed received by the other side. While a third text window is possible it really gets to be messy. A better and more elegant mechanism is to use change the type font of the sent text (in the session window...now as blue italic) to something like blue-green italic and that would show which text is received. Note too that you already have a running indication of the confirmed delivered text by the outbound queue size. This shows in bytes how much is left for the other side to receive/confirm by ACK. When it goes to 0 everything has been confirmed delivered.
>
> Maybe I donâ€™t understand but the program is already set up for chat and that is just the way I use it for testing. There is no over or BTU command needed.
> As the receiving station you can go ahead and type ahead and put data in your outbound buffer. It wonâ€™t send until you are the ISS and that wonâ€™t happen until the ISS has finished sending all queued data. The if you have data it will switch from IRS to ISS automatically.

>
> The basic rule is simply this:
> The ISS stays the ISS UNTIL:
> 1) He has completed all data (confirmed received by the IRS) and the ISS outbound queue is 0
> AND
> 2) The IRS has typed data and has outbound data to send. The IRS outbound queue is > 0
>
> When those two conditions are met the switchover occurs and should always be safe. There is an interlock mechanism to prevent a failed IRS<>ISS turnover if both IRS and ISS tried to enter data at the same (or near the same) time.
>
> My suggestion of using BTU or some other indicator is just so the other side knows you are really finished typing and not just thinking of more to say with an empty queue. It is not at all required to cause the ISS<>IRS turnover. That is and always has been the idea of V4Chat. Maybe there is a better way to communicate that?
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> One thing that is important in making these suggestions is to think through and get some feedback on the changes before going ahead. E.g. the third window is probably 2-3 days or so worth of programming and testing and really conveys no more information than what is there now using the outbound queue indicator.
>
> 73,
>
> Rick KN6KB
>
> .
>

1776. Re: [V4Protocol] Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-06 14:01:26 UTC
From: Rick Muething
Topic: 1763 Message: 1776

Finn,

Pactor 3 uses 12 x the bandwidth of V4 (2400 Hz vs 200 Hz). You can’t have narrow bandwidth while sending large amounts of data UNLESS you have very high S/N. This goes back to Claude Shannon’s landmark theorem relating theoretical channel capacity (bits/second/Hz) vs. S/N. We are dealing here with HF where S/N is low, sometimes negative and multipath fading is common or severe at times. You simply can’t get the same bits/second/Hz as you do on a land line telephone with a stable channel at 40 dB S/N.

Rick KN6KB

1777. Re: [V4Protocol] Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-06 14:16:43 UTC
From: Ron Werthman
Topic: 1763 Message: 1777

Well it sounded good in my head. I should have known better. With all the time you have invested in V4 you must have tried all the tricks. Excellent explanation of the process, thanks for that. I think I have a better understanding of v4 now.

From: Rick Muething <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 6, 2011 9:54:45 AM
Subject: Re: [V4Protocol] Re: V4 GUI improvement proposal

Ron,
You're trying to circumvent the "no free lunch" theorem!....Everything has a cost. If you send data back with the ACK you HALF the throughput (data takes time ~3+ seconds, ACK/NAK take very little time ~300 ms). The ISS has to know how long to wait to repeat so if the IRS can optionally send data the ISS must wait to see if that is happening or you get "doubles".

Now you CAN send more data in less time by: (the theory for this is well known and proven)
1) Increasing the bandwidth (now 200 Hz, and can go into any spot on the band) You would have to increase the power proportionally to keep the same S/N ratio and bit error rate of course. And of course you get fewer QSO's per KHz. (You can thank Claude Shannon for that channel capacity vs. S/N theory that is so often quoted!)

and/or

2) Increasing the bits/symbol (now 2 including 1 FEC bit) e.g. PSK can send more than 2 bits/symbol but requires a stronger signal to keep the bit error rate the same. 4FSK is near optimum in terms of bandwidth and robustness especially in multipath propagation.

and/or

3) You can decrease the FEC coding (now at 50%) but that increases the bit error rate (and repeats) unless the signals are strong (The current V4 Viterbi encoding probably yields a coding gain of something > than 3 dB so you would have to more than double the power to keep the same bit error rate)

And then there is the real problem....How do you manage two data senders in a half duplex ARQ environment? ...virtually all half duplex HF protocols use an IRS ISS concept...and it is very difficult (under all missed frames, missed data and missed ACKs situations) to insure both stations don't ever become the ISS or the IRS at the same time.

Maybe I have missed something but I don't know how to make it more straight forward:

You can type and enter data at ANY Time.... You
don’t have to wait for anything. You never HAVE to send over or break or
anything but typed text.
When the current sending station ISS runs out of
data (all outbound data has been confirmed received) he Automatically sends
IDLs
If the Current Receiving station has data to send
(queued) and sees an IDL from the ISS it automatically starts the IRS>ISS
switchover sequence to become the new ISS.
Repeat!

Rick KN6KB

1778. Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-06 15:55:47 UTC
From: SV1UY
Topic: 1763 Message: 1778

Rick,

Thanks for all explanation OM. Much appreciated.

73 de Demetre SV1UY

1779. Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-06 17:44:30 UTC
From: la7um
Topic: 1763 Message: 1779

Rick. Off course. I just wondered how that P3 Picture transfer in one direction worked while some chat (450hz?) came the other way during the acks? It was said to work like that.

I don't know the GOLD P3 program myself, so I may have got it wrong. SW perhaps only from time to time made some ordinary turnarounds ISS/IRS/ISS.

Anyway forget about it. I didn't intend squeezing picture through the 200hz channel. Irrelevant to V4 and the genious 200Hz solution.

The different font issue for helping hams having coulour disabled visual is maybe something to consider down the lane. I don't have that problem myself, so don't really know myself.

73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Finn,
>
> Pactor 3 uses 12 x the bandwidth of V4 (2400 Hz vs 200 Hz). You canâ□□t have narrow bandwidth while sending large amounts of data UNLESS you have very high S/N. This goes back to Claude Shannonâ□□s landmark theorem relating theoretical channel capacity (bits/second/Hz) vs. S/N. We are dealing here with HF where S/N is low, sometimes negative and multipath fading is common or severe at times. You simply canâ□□t get the same bits/second/Hz as you do on a land line telephone with a stable channel at 40 dB S/N.
>
> Rick KN6KB
>

1780. Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-06 19:05:00 UTC
From: SV1UY
Topic: 1763 Message: 1780

Hi Rick and Finn,

Perhaps the 3rd window idea is great because it suits everybody.
I understand that V4 cannot be made a pseudo fullduplex mode just like Pactor 2 or 3 can, but the 3rd window seems a good idea.
That is of course whenever you have the spare time.

73 de Demetre SV1UY

--- In V4Protocol@yahoogroups.com, "la7um" <la7um@...> wrote:
>
> Rick. Off course. I just wondered how that P3 Picture transfer in one direction worked while some chat (450hz?) came the other way during the acks? It was said to work like that.
>
> I don't know the GOLD P3 program myself, so I may have got it wrong. SW perhaps only from time to time made some ordinary turnarounds ISS/IRS/ISS.
>
> Anyway forget about it. I didn't intend squeezing picture through the 200hz channel. Irrelevant to V4 and the genious 200Hz solution.
>
> The different font issue for helping hams having coulour disabled visual is maybe something to consider down the lane. I don't have that problem myself, so don't really know myself.
>
> 73 Finn/LA7UM

1781. Re: [V4Protocol] V4Chat 0.5.3.0 uploaded to Yahoo FTP site

Yahoo group: V4Protocol
Date: 2011-09-06 20:25:35 UTC
From: Steinar Aanesland
Topic: 1757 Message: 1781

Hi

Radio control function doesn't seem to work in the new version.

I am using an IC 756 pro II with this setup:

-Icom address 6E
-digital USB
-COM1 19200 baud

Settings have no effect on the radio.

LA5VNA Steinar

On 05.09.2011 21:20, kn6kb wrote:
> All,
>
> I am still working on an unresolved issue with auto updates but I
wanted to get this interim update posted.
>
> This includes all operational updates to V4Chat and the V4TNC. You
will also see now a check box option in V4Chat setup for enabling Auto
update (default = enabled). Depending on how the issue is resolved with
auto update it still may be necessary to do a full install again on the
next release. I need to talk to one of the other Winlink developers to
resolve this.
>
> You may also notice slightly different (approx 20 ms longer) latency
measurements but this is primarily due to the measurement scheme and
some efforts to minimize CPU loading. Any values near 250 ms or less
are fine and the program SHOULD work for values up to about 300 ms. I am
doing testing on the Flex 3000 and showing latency measurements in the
180 - 230 ms range with the settings suggested in the Help.
>
> You will have to uninstall your existing V4Chat and re install using
the new Zip file but no settings should be lost.
>
> There are some changes in this that should reduce some CPU loading
which may improve operation on slower computers.
>
> As usual if you have a problem note the UTC time, describe the problem
and send me (directly as attachments) the V4TNC Debug log, main V4 Log
and any exception logs.
>
> 73,
>

> Rick KN6KB Direct email: rmuethingATcfl.rr.com
>
>
>
>
>
>

1782. Re: [V4Protocol] V4Chat 0.5.3.0 uploaded to Yahoo FTP site

Yahoo group: V4Protocol
Date: 2011-09-06 21:52:22 UTC
From: Rick Muething
Topic: 1757 Message: 1782

Nothing was changed in that section. Anyone else having Radio control issues? If so what radios work/don't. I don't have any Icom's here to test with.

Rick KN6KB

1783. Re: [V4Protocol] V4Chat 0.5.3.0 uploaded to Yahoo FTP site

Yahoo group: V4Protocol
Date: 2011-09-06 22:08:01 UTC
From: Steinar Aanesland
Topic: 1757 Message: 1783

Ok.

Bay the way , the RMS Ekspress 1.1.1.3 with Winmor TNC ver 1.4.0.0 works fine with the same setup.

LA5VNA Steinar

On 06.09.2011 23:52, Rick Muething wrote:
> Nothing was changed in that section. Anyone else having Radio control issues? If so what radios work/don't. I don't have any Icom's here to test with.
>
> Rick KN6KB

1784. Re: [V4Protocol] V4Chat 0.5.3.0 uploaded to Yahoo FTP site

Yahoo group: V4Protocol
Date: 2011-09-06 22:13:47 UTC
From: Fred G -w1wyc
Topic: 1757 Message: 1784

FT-920 works fine here with latest software.....

Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 06, 2011 5:52 PM
Subject: Re: [V4Protocol] V4Chat 0.5.3.0 uploaded to Yahoo FTP site

Nothing was changed in that section. Anyone else having Radio control issues? If so what radios work/don’t. I don’t have any Icom’s here to test with.

Rick KN6KB

1785. Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-06 22:46:02 UTC
From: Bob Thornton
Topic: 1763 Message: 1785

Constellation score shows how well we are receiving but something to indicate how well we are being received would be nice. Very good reasons of throughput why you don't want to bring that back, but could something simpler be done based on the counting of ACK and NACK frames. (ACK-NACK)/(ACK+NACK) sounds like a possible measure. Or effective data rate based on throughput.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Pete,
>
> It is hard to measure one or two parameters and show link quality. There is already one very good indicator and that is the constellation display and its score. This shows the â□□tightness of the symbolsâ□? and scores them 0 to 100. 100 is near perfect (4 very small dots in the corners of the constellation plot). A score > 50 is usually decodable without errors. The S/N is also computed and measures the average (across the frame) of the Desired signal (one of the 4FSK tones) compared to the other three tones. Its possible to add more frills, graphs and plots but the goal should be to communicate some useful information not just show and glitz. Its important to remember that the TNC does not actually have to be visible at all...its form is primarily for operator entertainment as there are few controls that are really required.
>
> Iâ□□ll consider putting something else in if it makes sense and communicates something of value to the user. There really is not much one can do to improved the decoding other than trying with the filter IN or Out.
>
> Rick KN6KB
>

1786. HOWTO connect the TS-590S to the SDR-IQ receiver

Yahoo group: V4Protocol
Date: 2011-09-07 09:16:37 UTC
From: Ian Wade G3NRW
Topic: 1786 Message: 1786

I have just completed a new document that explains how to connect the
TS-590S to the SDR-IQ receiver.

Go to:

http://homepage.ntlworld.com/wadei/ts-590s.htm

then click on the link:
~~~~~~
"HOWTO connect the Kenwood TS-590S to the SDR-IQ Software Defined
Receiver"
~~~~~~
towards the bottom of the page.

This is the first release of the document. Please let me know if
anything isn't clear, or if there are any errors.

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

1787. RE: [V4Protocol] V4Chat 0.5.3.0 uploaded to Yahoo FTP site

Yahoo group: V4Protocol
Date: 2011-09-07 09:46:15 UTC
From: G4AIU
Topic: 1757 Message: 1787

Hi Rick,

Both my Yaesu radios - FT-847 and FT-857 - work with V4Chat 0.5.3.0, and also worked with all previous versions.

Eugene / G4AIU

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: 06 September 2011 22:52
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4Chat 0.5.3.0 uploaded to Yahoo FTP site

Nothing was changed in that section. Anyone else having Radio control issues? If so what radios work/don't. I don't have any Icom's here to test with.

Rick KN6KB

1788. Re: [V4Protocol] Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-07 12:40:41 UTC
From: Rick Muething
Topic: 1763 Message: 1788

Bob,

The sender (ISS) and the receiver (IRS) always have the information to calculate true throughput (NET Characters/min or WPM). ACK NAKs are only part (what about missed ACK/NAK ....they cause repeats too). I'll look at calculating and displaying something like a rolling average (say one minute) of actual throughput (bytes Accepted /minute). None of this causes any impact to the throughput (minor CPU load increase) but does of course clutter up the screen with more "widgets".

Rick KN6KB

1789. Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-07 14:15:45 UTC
From: k1dow_4
Topic: 1763 Message: 1789

My input regarding the user interface on V4
First and foremost congratulations to you Rick on getting the V4 code running very well indeed!
I would find the interface much more comfortable to use if nothing but received text appeared in the receive window and of course a separate window like we have now to type in. What would be VERY helpful is a small third window displaying the outgoing text that has been received by the IRS. This way you would be aware of your throughput and not get too verbose under poor conditions. You would be seeing exactly what the IRS has displayed to the moment.
The constellation, while interesting, is something I would gladly do without to have this third window of received text by the IRS displayed, if keeping the amount of program code to a minimum is is important, and I think of course that it is.
From all the posts I have read this morning, I think that the majority of the uses want to see the actual transmitted text they send as it is displayed at he IRS.
Oh.. A last thought on the on the tendency of many of us to want to do the "BTU OM" thing, even though we understand the changeover from ISS to IRS is automatic. I simply end my typing by typically asking a question. This seems to to work pretty well in getting the other guy to type a reply. ;-)
73/RussK1DOWArcadia, FL
--- In V4Protocol@yahoogroups.com, "Bob Thornton" <bob.thornton@...> wrote:
>
> Constellation score shows how well we are receiving but something to indicate how well we are being received would be nice. Very good reasons of throughput why you don't want to bring that back, but could something simpler be done based on the counting of ACK and NACK frames. (ACK-NACK)/(ACK+NACK) sounds like a possible measure. Or effective data rate based on throughput.
>
> Bob
>
> G3WKW
>
> --- In V4Protocol@yahoogroups.com, "Rick Muething" rmuething@ wrote:
> >
> > Pete,
> >
> > It is hard to measure one or two parameters and show link quality. There is already one very good indicator and that is the constellation display and its score. This shows the â□□tightness of the

symbolsâ☐? and scores them 0 to 100. 100 is near perfect (4
very small dots in the corners of the constellation plot). A score > 50
is usually decodable without errors. The S/N is also computed and
measures the average (across the frame) of the Desired signal (one of
the 4FSK tones) compared to the other three tones. Its possible to add
more frills, graphs and plots but the goal should be to communicate some
useful information not just show and glitz. Its important to remember
that the TNC does not actually have to be visible at all...its form is
primarily for operator entertainment as there are few controls that are
really required.
> >
> > Iâ☐☐ll consider putting something else in if it makes sense and
communicates something of value to the user. There really is not much
one can do to improved the decoding other than trying with the filter IN
or Out.
> >
> > Rick KN6KB
> >
>

1790. Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-07 14:52:24 UTC
From: la7um
Topic: 1763 Message: 1790

Russ. Reminds me of +? Wasn't that the original change over using AMTOR?
73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "k1dow_4" <russtower@...> wrote:
>
> My input regarding the user interface on V4
> First and foremost congratulations to you Rick on getting the V4 code
> running very well indeed!
> I would find the interface much more comfortable to use if nothing but
> received text appeared in the receive window and of course a separate
> window like we have now to type in. What would be VERY helpful is a
> small third window displaying the outgoing text that has been received
> by the IRS. This way you would be aware of your throughput and not get
> too verbose under poor conditions. You would be seeing exactly what the
> IRS has displayed to the moment.
> The constellation, while interesting, is something I would gladly do
> without to have this third window of received text by the IRS
> displayed, if keeping the amount of program code to a minimum is is
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> From all the posts I have read this morning, I think that the majority
> of the uses want to see the actual transmitted text they send as it is
> displayed at he IRS.
> Oh.. A last thought on the on the tendency of many of us to want to do
> the "BTU OM" thing, even though we understand the changeover from ISS to
> IRS is automatic. I simply end my typing by typically asking a question.
> This seems to to work pretty well in getting the other guy to type a
> reply. ;-)
> 73/RussK1DOWArcadia, FL
> --- In V4Protocol@yahoogroups.com, "Bob Thornton" <bob.thornton@>
> wrote:
> >
> > Constellation score shows how well we are receiving but something to
> indicate how well we are being received would be nice. Very good
> reasons of throughput why you don't want to bring that back, but could
> something simpler be done based on the counting of ACK and NACK frames.
> (ACK-NACK)/(ACK+NACK) sounds like a possible measure. Or effective data
> rate based on throughput.
> >
> > Bob
> >
> > G3WKW
> >
> > --- In V4Protocol@yahoogroups.com, "Rick Muething" rmuething@ wrote:
> > >

> > > Pete,
> > >
> > > It is hard to measure one or two parameters and show link quality.
> There is already one very good indicator and that is the constellation
> display and its score. This shows the â□□tightness of the
> symbolsï¿½? and scores them 0 to 100. 100 is near perfect (4
> very small dots in the corners of the constellation plot). A score > 50
> is usually decodable without errors. The S/N is also computed and
> measures the average (across the frame) of the Desired signal (one of
> the 4FSK tones) compared to the other three tones. Its possible to add
> more frills, graphs and plots but the goal should be to communicate some
> useful information not just show and glitz. Its important to remember
> that the TNC does not actually have to be visible at all...its form is
> primarily for operator entertainment as there are few controls that are
> really required.
> > >
> > > Iâ□□ll consider putting something else in if it makes sense and
> communicates something of value to the user. There really is not much
> one can do to improved the decoding other than trying with the filter IN
> or Out.
> > >
> > > Rick KN6KB
> > >
> >
>

1791. Re: [V4Protocol] Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-07 15:15:23 UTC
From: Rick Muething
Topic: 1763 Message: 1791

Thanks, Russ.

I am working on some tweaks but since these all relate to GUI there is no “Right” answer and it is possible to throw too much clutter in there and make things more confusing.
I am working now on some fairly simple but useful items: (These are ALL related to the V4Chat program NOT the Virtual V4 TNC program)
1) Moving some of the less used menu items to the File drop down list...this clears up the menu bar for the items below.
2) Adding a Out bound Queue readout and progress bar to the main menu line (this will “repeat” the Outbound Queue value now shown on the V4 TNC)
3) Adding an average (1 minute rolling average) throughput readout and progress bar to the main menu line

I will investigate changes to the text boxes but I am reluctant to add yet another (third) text box. That means an additional set of sliders for adjustment and gets messy.
An alternative I am considering is letting the current keyboard text box just show entered text. Text that can still be “edited” (that has not be committed to the outbound Queue) would be shown say in blue italic text. Once text is committed to the outbound queue it would be shown (in the same text box) as black Italic font. This clearly shows which text has been sent to the queue and keeps all the outbound text together in one scrolling text box. The session screen can either be kept the way it is (that is really good for logging since it contains both inbound and outbound text and status messages or it could be purged of outbound text. The issue with this is one has to look at the entire picture...e.g. What do you want the log to contain and in what sequence in addition to what the Text box functions are.
The constellation display is on the V4 TNC...and that is useful for several reasons in addition to showing received symbol quality....It does not affect the text windows or any of the V4 Chat GUI. (you can operate V4Chat fine with the V4 TNC minimized if desired) It is important to remember that the Virtual TNC function (the V4 TNC.exe program) and the GUI user interface (The V4Chat.exe program) are separate. In the future there will probably be other developers that wish to implement their own GUI interface and still use the V4 TNC Virtual TNC or include V4 into existing host programs (that has already been done with WINMOR which also uses the “Virtual TNC” concept). Although some have trouble grasping the concept most now understand that these software implemented “Virtual TNCs” operate almost exactly the same as a physical TNC and appear to the host program as just another TNC with a specific set of commands just like a KAM or PTC II or other hardware TNC. All that is required to add V4 or WINMOR to and existing host program is to write the correct driver for the virtual TNC. This is not a difficult task and the interfaces and commands for both V4 and WINMOR are well documented.
It is important NOT to get too bogged down and attempt to make the V4 Chat program the software equivalent of a Swiss army knife! There are are still important tweaks that can be done to improve the robustness and reliability of the raw V4 protocol. Those steps usually take time and are in small increments but they do add up (Pactor for example is now over 20 years old and has been advanced from modest Pactor 1 at 100 bits/second to now Pactor 4 at over 4000 bits/second) All that happened by taking advantage of advancing hardware and

software technology and DSP theory with a very heavy dose of just plain good engineering work.
Whenever I look at adding functions and other “bells and whistles” I always try and remind myself of an inspired saying: “ More software dies of indigestion than starvation!”
Your inputs always welcome but at this stage it is also important to “think through” each suggestion to asses its total impact to all parts of the program, logging, user complexity etc. The GUI functionality is not always obvious and not simple to implement well.
73,
Rick KN6KB

1792. The END Button in ARQ Mode

Yahoo group: V4Protocol
Date: 2011-09-07 15:47:31 UTC
From: Jim
Topic: 1792 Message: 1792

The Help file packed with V$ Chat 0.5.3.0, says in the "Typical ARQ Operation" section to end an ARQ QSO by clicking the End button at either the ISS or IRS.

Where is this END button located?

Jim - w3jal

1793. Re: [V4Protocol] The END Button in ARQ Mode

Yahoo group: V4Protocol
Date: 2011-09-07 16:59:13 UTC
From: Ed Woods WD9DVA
Topic: 1792 Message: 1793

Man this got this olde birds attention. The END Button; on my keyboard, I found an END button or key. Don't think I have ever used it. Cud that be her? If and when 7 mkz opens again, I'll be sure to give it a try. See you learn something new every day, I did. 73 Ed WD9DVA/IN

----- Original Message -----
From: Jim
To: V4Protocol@yahoogroups.com
Sent: Wednesday, September 07, 2011 15:47
Subject: [V4Protocol] The END Button in ARQ Mode

The Help file packed with V$ Chat 0.5.3.0, says in the "Typical ARQ Operation" section to end an ARQ QSO by clicking the End button at either the ISS or IRS.

Where is this END button located?

Jim - w3jal

1794. Icon

Yahoo group: V4Protocol
Date: 2011-09-07 17:02:42 UTC
From: Robert Mitchell
Topic: 1794 Message: 1794

Rick,
My Icom 706MKIIG works as usual with radio control
Bob
N7DHV

Sent from my iPad

1795. Re: The END Button in ARQ Mode

Yahoo group: V4Protocol
Date: 2011-09-07 18:02:32 UTC
From: Bob Thornton
Topic: 1792 Message: 1795

It appears by magic on the menu bar when you achieve a Connection. Actually it will be Rick's programming, not magic. I spent a long time looking for it too!

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "Jim" <jalovell@...> wrote:
>
> The Help file packed with V$ Chat 0.5.3.0, says in the "Typical ARQ Operation" section to end an ARQ QSO by clicking the End button at either the ISS or IRS.
>
> Where is this END button located?
>
> Jim - w3jal
>

1796. Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-08 00:31:42 UTC
From: Chris
Topic: 1763 Message: 1796

Hi Rick,

Interesting thread.

I think an EAS option (echo as sent) should simply transfer the sent text, as it was acked, from bottom window to top. In a distinctive color. The speed at which that happened would be a direct indication of link quality. It worked very well in Amtor.

As for IRS ability to force the link around, here again this was a very useful feature in Amtor (ACHG). Impolite to use in normal QSO but sometimes handy - like when you were communicating with an unattended station.

I am calling and listening on 14073 right now!

73, Chris ZL1BOE

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Pete,
>
> It is hard to measure one or two parameters and show link quality. There is already one very good indicator and that is the constellation display and its score. This shows the â□□tightness of the symbolsâ□□ and scores them 0 to 100. 100 is near perfect (4 very small dots in the corners of the constellation plot). A score > 50 is usually decodable without errors. The S/N is also computed and measures the average (across the frame) of the Desired signal (one of the 4FSK tones) compared to the other three tones. Its possible to add more frills, graphs and plots but the goal should be to communicate some useful information not just show and glitz. Its important to remember that the TNC does not actually have to be visible at all...its form is primarily for operator entertainment as there are few controls that are really required.
>
> Iâ□□ll consider putting something else in if it makes sense and communicates something of value to the user. There really is not much one can do to improved the decoding other than trying with the filter IN or Out.
>
> Rick KN6KB
>

1797. V4 Blank Screen on RX. Anyone else run into this issue?

Yahoo group: V4Protocol
Date: 2011-09-08 00:50:48 UTC
From: ham
Topic: 1797 Message: 1797

PROBLEM DESCRIPTION
If the RX window fills up, you hit the SCROLL LOCK and then RIGHT CLICK to clear the window, the RX window does not display text any more. All other functions work, just no display. This problem seems new as of 0.5.0.2 Problem not reproducible 100% of the time. Log entries all appear normal.

ENVIROMENT:
XP PRO + all current MS patches

Anyone else run into this issue?

73, Bernie

1798. Re: [V4Protocol] V4 Blank Screen on RX. Anyone else run into this issue?

Yahoo group: V4Protocol
Date: 2011-09-08 10:11:32 UTC
From: Rick Muething
Topic: 1797 Message: 1798

Bernie,
I’m not sure I follow your conditions. I’ll play with it more later today.
The RX windows never really “fills up” it has an almost unlimited buffer it just scrolls. The scroll lock button only activates if you have scrolled and another buffer holds incoming data until you release the scroll lock (Click the scroll lock button) . Normally you don’t need to ever clear the buffer (right click) unless for some reason you want a “clean slate”.

Rick KN6KB

1799. Re: [V4Protocol] Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-08 10:25:35 UTC
From: Rick Muething
Topic: 1763 Message: 1799

Chris,

Thanks for the inputs. I am cleaning up some additions now that should be useful and don't clutter up the display much. e.g. Rx and Tx throughput measurements shown on the V4Chat form (1 minute rolling average) . I think users will find this helpful

Re the IRS ability to interrupt (grab back the ISS status while the ISS is sending data). This is technically possible but I am not sure I understand the need and it can easily add confusion... e.g. what do you do with the buffered unsent outbound data at the ISS? Dump it?, Keep it for the next time it is the ISS etc. These are important details that if not implemented well and consistently will likely confuse the user.

The unattended station issue should not a factor here. An unattended station will never generate outbound data so the IRS can always "force the link around" by simply typing data to send. If the unattended station were the ISS it would be sending IDLs (until timeout occurred) so the IRS does not have to "interrupt" the ISS.

V4 Chat is not really intended for unattended operation. There are other sound card protocols (e.g. WINMOR) that are specifically designed for message transfer and would be a better choice for unattended operation.

73,

Rick

1800. Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-08 17:28:26 UTC
From: k1dow_4
Topic: 1763 Message: 1800

Yes Finn! AMTOR was my first experience with HF ARQ operation. It was very effective too. I do remember the +? :-)
73/ RussK1DOW
--- In V4Protocol@yahoogroups.com, "la7um" <la7um@...> wrote:
>
> Russ. Reminds me of +? Wasn't that the original change over using AMTOR?
> 73 Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com, "k1dow_4" russtower@ wrote:
> >
> > My input regarding the user interface on V4
> > First and foremost congratulations to you Rick on getting the V4 code
> > running very well indeed!
> > I would find the interface much more comfortable to use if nothing but
> > received text appeared in the receive window and of course a separate
> > window like we have now to type in. What would be VERY helpful is a
> > small third window displaying the outgoing text that has been received
> > by the IRS. This way you would be aware of your throughput and not get
> > too verbose under poor conditions. You would be seeing exactly what the
> > IRS has displayed to the moment.
> > The constellation, while interesting, is something I would gladly do
> > without to have this third window of received text by the IRS
> > displayed, if keeping the amount of program code to a minimum is is
> > important, and I think of course that it is.
> > From all the posts I have read this morning, I think that the majority
> > of the uses want to see the actual transmitted text they send as it is
> > displayed at he IRS.
> > Oh.. A last thought on the on the tendency of many of us to want to do
> > the "BTU OM" thing, even though we understand the changeover from ISS to
> > IRS is automatic. I simply end my typing by typically asking a question.
> > This seems to to work pretty well in getting the other guy to type a
> > reply. ;-)

> > 73/RussK1DOWArcadia, FL
> > --- In V4Protocol@yahoogroups.com, "Bob Thornton" <bob.thornton@>
> > wrote:
> > >
> > > Constellation score shows how well we are receiving but something
to
> > indicate how well we are being received would be nice. Very good
> > reasons of throughput why you don't want to bring that back, but
could
> > something simpler be done based on the counting of ACK and NACK
frames.
> > (ACK-NACK)/(ACK+NACK) sounds like a possible measure. Or effective
data
> > rate based on throughput.
> > >
> > > Bob
> > >
> > > G3WKW
> > >
> > > --- In V4Protocol@yahoogroups.com, "Rick Muething" rmuething@
wrote:
> > > >
> > > > Pete,
> > > >
> > > > It is hard to measure one or two parameters and show link
quality.
> > There is already one very good indicator and that is the
constellation
> > display and its score. This shows the â□□tightness of the
> > symbolsï¿½? and scores them 0 to 100. 100 is near perfect
(4
> > very small dots in the corners of the constellation plot). A score
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> > is usually decodable without errors. The S/N is also computed and
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> > the 4FSK tones) compared to the other three tones. Its possible to
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> > more frills, graphs and plots but the goal should be to communicate
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> > useful information not just show and glitz. Its important to
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> > that the TNC does not actually have to be visible at all...its form
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> > primarily for operator entertainment as there are few controls that
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> > really required.
> > > > >
> > > > Iâ□□ll consider putting something else in if it makes sense

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> > communicates something of value to the user. There really is not
much
> > one can do to improved the decoding other than trying with the
filter IN
> > or Out.
> > > >
> > > > Rick KN6KB
> > > >
> > >
> >
>

1801. Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-08 18:10:14 UTC
From: k1dow_4
Topic: 1763 Message: 1801

Rick,
Thanks for your very clear and concise reply to my input regarding "the third widow" showing where the the IRS station was at regarding receiving the actual text to the moment that you, as the ISS are typing to him. I also appreciate your defining the difference between the V4 portion and the interface portion of your program. Points well explained. I can see why you do not want to create a "Swiss Army Knife" out to the interface. ;-)
I very much like your idea of keeping all the text I type in the text typing window. I find it messy and unsettling to have it appear inter spaced with received text in the incoming window. Your idea of having what the ISS station types change color regarding it's state (while keeping all typed text in the typing window) would be great, save for those who are color blind. I still would like to see a one line only window (like a ticker tape) between the TX window and the RX window. It could scroll horizontally (as ticker tapes do) showing a few of the words you have typed that are about to be transmitted and having them drop off the display as they are acked. It's my feeling that this would give a very positive reassuring feel to the program, and since "the single line ticker tape window" would not require scrolling, slide bars, etc, could this be implemented with out to much duress?
The only other thing I can think of at this time (which I don't think would be too difficult) would be to be able to mark text with my mouse in the RX & TX windows and copy it. Not essential, but handy..
73/RussK1DOW

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...>
wrote:
>
> Thanks, Russ.
>
> I am working on some tweaks but since these all relate to GUI there is no â□□Rightâ□□ answer and it is possible to throw too much clutter in there and make things more confusing.
> I am working now on some fairly simple but useful items: (These are ALL related to the V4Chat program NOT the Virtual V4 TNC program)
> 1) Moving some of the less used menu items to the File drop down list...this clears up the menu bar for the items below.
> 2) Adding a Out bound Queue readout and progress bar to the main menu line (this will â□□repeatâ□□ the Outbound Queue value now shown on the V4 TNC)
> 3) Adding an average (1 minute rolling average) throughput readout and progress bar to the main menu line
>
> I will investigate changes to the text boxes but I am reluctant to add

yet another (third) text box. That means an additional set of sliders
for adjustment and gets messy.
> An alternative I am considering is letting the current keyboard text
box just show entered text. Text that can still be
â□□editedâ□□ (that has not be committed to the outbound Queue)
would be shown say in blue italic text. Once text is committed to the
outbound queue it would be shown (in the same text box) as black Italic
font. This clearly shows which text has been sent to the queue and
keeps all the outbound text together in one scrolling text box. The
session screen can either be kept the way it is (that is really good for
logging since it contains both inbound and outbound text and status
messages or it could be purged of outbound text. The issue with this is
one has to look at the entire picture...e.g. What do you want the log
to contain and in what sequence in addition to what the Text box
functions are.
> The constellation display is on the V4 TNC...and that is useful for
several reasons in addition to showing received symbol quality....It
does not affect the text windows or any of the V4 Chat GUI. (you can
operate V4Chat fine with the V4 TNC minimized if desired) It is
important to remember that the Virtual TNC function (the V4 TNC.exe
program) and the GUI user interface (The V4Chat.exe program) are
separate. In the future there will probably be other developers that
wish to implement their own GUI interface and still use the V4 TNC
Virtual TNC or include V4 into existing host programs (that has already
been done with WINMOR which also uses the â□□Virtual TNCâ□□
concept). Although some have trouble grasping the concept most now
understand that these software implemented â□□Virtual TNCsâ□□
operate almost exactly the same as a physical TNC and appear to the host
program as just another TNC with a specific set of commands just like a
KAM or PTC II or other hardware TNC. All that is required to add V4 or
WINMOR to and existing host program is to write the correct driver for
the virtual TNC. This is not a difficult task and the interfaces and
commands for both V4 and WINMOR are well documented.
> It is important NOT to get too bogged down and attempt to make the V4
Chat program the software equivalent of a Swiss army knife! There are
are still important tweaks that can be done to improve the robustness
and reliability of the raw V4 protocol. Those steps usually take time
and are in small increments but they do add up (Pactor for example is
now over 20 years old and has been advanced from modest Pactor 1 at 100
bits/second to now Pactor 4 at over 4000 bits/second) All that happened
by taking advantage of advancing hardware and software technology and
DSP theory with a very heavy dose of just plain good engineering work.
> Whenever I look at adding functions and other â□□bells and
whistlesâ□□ I always try and remind myself of an inspired saying:
â□□ More software dies of indigestion than starvation!â□□
> Your inputs always welcome but at this stage it is also important to
â□□think throughâ□□ each suggestion to asses its total impact
to all parts of the program, logging, user complexity etc. The GUI
functionality is not always obvious and not simple to implement well.

> 73,
> Rick KN6KB
>

1802. Re: V4 Blank Screen on RX. Anyone else run into this issue?

Yahoo group: V4Protocol
Date: 2011-09-08 18:36:02 UTC
From: ham
Topic: 1797 Message: 1802

----------SNIP----------
Normally you donâ☐☐t need to ever clear the buffer (right click) unless for some reason you want a â☐☐clean slateâ☐☐.
>
> Rick KN6KB
>
----------SNIP----------

OK Rick, thanks for clearing up the use of the (right click) function.

It appears that once you clear the buffer (right click), no more RX text appears in the RX window. I'll experiment some more and see if I can reproduce 100% of the time.

All other functions of V4 Chat work 100% in my setup.

Bernie.

1803. V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30

Yahoo group: V4Protocol
Date: 2011-09-08 20:40:49 UTC
From: John
Topic: 1803 Message: 1803

The following stations CQ signals were clearly decoded in Edinburgh this evening.
Unfortunately I was cooking dinner having just set V4 in operation .

W3JAL........KB0E.......KA2UOL......VE3FWF.

I shall try and be on frequency at these times to join in the fun :)

Some ARQ conversations were partially decoded from stations unknown.

1804. RE: [V4Protocol] V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30

Yahoo group: V4Protocol
Date: 2011-09-08 22:54:14 UTC
From: Adam Rozanski
Topic: 1803 Message: 1804

Thank you John will look for you but you did not gine your call 73 Adam ka2uol
To: V4Protocol@yahoogroups.com
From: jhowell@...
Date: Thu, 8 Sep 2011 20:40:49 +0000
Subject: [V4Protocol] V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30

The following stations CQ signals were clearly decoded in Edinburgh this evening.
Unfortunately I was cooking dinner having just set V4 in operation .

W3JAL........KB0E.......KA2UOL......VE3FWF.

I shall try and be on frequency at these times to join in the fun :)

Some ARQ conversations were partially decoded from stations unknown.

1805. V4Chat video sample

Yahoo group: V4Protocol
Date: 2011-09-09 13:51:23 UTC
From: frankk2ncc
Topic: 1805 Message: 1805

In case you hadn't had a look on a bigger waterfall yet... a short V4Chat sample:

http://www.youtube.com/watch?v=DnpzHG8qGjA

1806. Re: V4 Blank Screen on RX. Anyone else run into this issue?

Yahoo group: V4Protocol
Date: 2011-09-09 16:16:01 UTC
From: Robert
Topic: 1797 Message: 1806

I noticed the same thing with mine. (latest version)
Right click to clear the receive window and then I never get any more text.

Bob, N7ZO.

--- In V4Protocol@yahoogroups.com, "ham" <ve3fwf@...> wrote:
>
>
>
>
> ----------SNIP----------
> Normally you donâ□□t need to ever clear the buffer (right click) unless for some reason you want a â□□clean slateâ□□.
> >
> > Rick KN6KB
> >
> ----------SNIP----------
>
> OK Rick, thanks for clearing up the use of the (right click) function.
>
> It appears that once you clear the buffer (right click), no more RX text appears in the RX window. I'll experiment some more and see if I can reproduce 100% of the time.
>
> All other functions of V4 Chat work 100% in my setup.
>
>
> Bernie.
>

1807. Re: V4 Blank Screen on RX. Anyone else run into this issue?

Yahoo group: V4Protocol
Date: 2011-09-09 17:11:13 UTC
From: ham
Topic: 1797 Message: 1807

I am glad that someone else has run into the same problem. I am using Windows XP Pro here with all the latest MS patches including up-to-date .NET code.

The workaround, for now, is not use <right click> until Rick can figure out how to solve this low priority issue.

Bernie

--- In V4Protocol@yahoogroups.com, "Robert" <rwright@...> wrote:
>
> I noticed the same thing with mine. (latest version)
> Right click to clear the receive window and then I never get any more text.
>
> Bob, N7ZO.
>
> --- In V4Protocol@yahoogroups.com, "ham" <ve3fwf@> wrote:
> >
> >
> >
> >
> > ----------SNIP----------
> > Normally you donâ☐☐t need to ever clear the buffer (right click) unless for some reason you want a â☐☐clean slateâ☐☐.
> > >
> > > Rick KN6KB
> > >
> > > ----------SNIP----------
> > >
> > > OK Rick, thanks for clearing up the use of the (right click) function.
> > >
> > > It appears that once you clear the buffer (right click), no more RX text appears in the RX window. I'll experiment some more and see if I can reproduce 100% of the time.
> > >
> > > All other functions of V4 Chat work 100% in my setup.
> > >
> > >
> > > Bernie.
> > >
>

1808. Re: V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30

Yahoo group: V4Protocol
Date: 2011-09-09 18:08:10 UTC
From: John
Topic: 1803 Message: 1808

Hi Adam

Just heard you at 17:59 but you can t hear me. Also heard SV1UY
and KB0E earlier

John GM4ZQH was not at the rig to see signal strength .

--- In V4Protocol@yahoogroups.com, Adam Rozanski <rozanski@...> wrote:
>
>
> Thank you John will look for you but you did not gine your call 73 Adam ka2uol
> To: V4Protocol@yahoogroups.com
> From: jhowell@...
> Date: Thu, 8 Sep 2011 20:40:49 +0000
> Subject: [V4Protocol] V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30
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>
> The following stations CQ signals were clearly decoded in Edinburgh this evening.
Unfortunately I was cooking dinner having just set V4 in operation .
>

>
>
> W3JAL........KB0E.......KA2UOL......VE3FWF.
>
>
>
> I shall try and be on frequency at these times to join in the fun :)
>
>
>
> Some ARQ conversations were partially decoded from stations unknown.
>

1809. V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-09 18:41:23 UTC
From: Paul
Topic: 1809 Message: 1809

It seems that AVG doesn't like the V4 program. I got a virus alert today with it. I'm sure it's a false positive but what in it would do this?

Also just worked SV1UY from FN75cm. Although conditions were pretty terrible.

Paul
VE9NC

1810. Re: [V4Protocol] V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-09 18:43:23 UTC
From: Rick Muething
Topic: 1809 Message: 1810

Paul,

I am using AVG both free (on one computer) and the full blown internet security on the other without any problems.

Rick KN6KB

1811. RE: [V4Protocol] Re: V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30

Yahoo group: V4Protocol
Date: 2011-09-09 19:03:43 UTC
From: Adam Rozanski
Topic: 1803 Message: 1811

tryed to call you a few times but band not that good today will keep trying now that I have your call will make it some dayAdam ka2uol
To: V4Protocol@yahoogroups.com
From: jhowell@...
Date: Fri, 9 Sep 2011 18:08:10 +0000
Subject: [V4Protocol] Re: V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30

Hi Adam

Just heard you at 17:59 but you can t hear me. Also heard SV1UY

and KB0E earlier

John GM4ZQH was not at the rig to see signal strength .

--- In V4Protocol@yahoogroups.com, Adam Rozanski <rozanski@...> wrote:

>

>

> Thank you John will look for you but you did not gine your call 73 Adam ka2uol

> To: V4Protocol@yahoogroups.com

> From: jhowell@...

> Date: Thu, 8 Sep 2011 20:40:49 +0000

> Subject: [V4Protocol] V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30

>

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>

> The following stations CQ signals were clearly decoded in Edinburgh this evening. Unfortunately I was cooking dinner having just set V4 in operation .

>

>

>

> W3JAL........KB0E.......KA2UOL......VE3FWF.

>

>

>

> I shall try and be on frequency at these times to join in the fun :)

>

>

>

> Some ARQ conversations were partially decoded from stations unknown.

>

1812. Re: [V4Protocol] V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-09 19:05:01 UTC
From: David Bastress
Topic: 1809 Message: 1812
Attachments: 6 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1813. Re: [V4Protocol] V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-09 19:23:28 UTC
From: R. Ian Renton
Topic: 1809 Message: 1813

Paul:
Same goes for me. Also, I just upgraded to AVG Free 2012 and still have no virus alerts associated with V4Chat.
I don't believe using AVG is your problem. Good luck with your effort.
73
Ian
W4RIR

On Fri, Sep 9, 2011 at 3:05 PM, David Bastress <bastress@...>wrote:

> GA Paul,
>
> I am also using V4 and AVG free on two computers and have had no virus
> alerts.
>
> Dave k3gau
>
> >>> "Rick Muething" <rmuething@...> 9/9/2011 2:43 PM >>>
>
>
>
> Paul,
>
> I am using AVG both free (on one computer) and the full blown internet
> security on the other without any problems.
>
> Rick KN6KB
>
>
>

1814. Re: [V4Protocol] V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-09 20:43:03 UTC
From: Ed Woods WD9DVA
Topic: 1809 Message: 1814

Hey what is AVG? A virus protector? 73 Ed WD9DVA
----- Original Message -----
From: R. Ian Renton
To: V4Protocol@yahoogroups.com
Sent: Friday, September 09, 2011 19:23
Subject: Re: [V4Protocol] V4 and AVG

Paul:

Same goes for me. Also, I just upgraded to AVG Free 2012 and still have no virus alerts associated with V4Chat.

I don't believe using AVG is your problem. Good luck with your effort.

73
Ian
W4RIR

On Fri, Sep 9, 2011 at 3:05 PM, David Bastress <bastress@...> wrote:

GA Paul,

I am also using V4 and AVG free on two computers and have had no virus alerts.

Dave k3gau

>>> "Rick Muething" <rmuething@...> 9/9/2011 2:43 PM >>>

Paul,

I am using AVG both free (on one computer) and the full blown internet security on the other without any problems.

Rick KN6KB

1815. Re: [V4Protocol] V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-09 20:45:06 UTC
From: Ed Woods WD9DVA
Topic: 1809 Message: 1815

I'm using Bullguard on a trial and besides V4 it wants to know abt other programs as well, when bringing them on. 73 Ed WD9DVA
----- Original Message -----
From: Paul
To: V4Protocol@yahoogroups.com
Sent: Friday, September 09, 2011 18:41
Subject: [V4Protocol] V4 and AVG

It seems that AVG doesn't like the V4 program. I got a virus alert today with it. I'm sure it's a false positive but what in it would do this?

Also just worked SV1UY from FN75cm. Although conditions were pretty terrible.

Paul
VE9NC

1816. Re: [V4Protocol] V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-09 21:43:09 UTC
From: R. Ian Renton
Topic: 1809 Message: 1816

Ed:
Do a Google search for AVG. It is an antivirus program. One version, though limited in function, is a free package and has worked quite well for me for many years.
73
Ian
W4RIR

On Fri, Sep 9, 2011 at 4:45 PM, Ed Woods WD9DVA <wd9dva@...>wrote:

> **
>
>
> **
> *I'm using Bullguard on a trial and besides V4 it wants to know abt other
> programs as well, when bringing them on. 73 Ed WD9DVA*
>
> ----- Original Message -----
> *From:* Paul <ve9nc@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Friday, September 09, 2011 18:41
> *Subject:* [V4Protocol] V4 and AVG
>
>
>
> It seems that AVG doesn't like the V4 program. I got a virus alert today
> with it. I'm sure it's a false positive but what in it would do this?
>
> Also just worked SV1UY from FN75cm. Although conditions were pretty
> terrible.
>
> Paul
> VE9NC
>
>
>

1817. Re: [V4Protocol] V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-09 22:37:40 UTC
From: Fred G -w1wyc
Topic: 1809 Message: 1817

I use "Microsoft Security Essentials". Another freebie.
I figure if its supported by Microsft it should be decent.

Fred, W1WYC

----- Original Message -----
From: R. Ian Renton
To: V4Protocol@yahoogroups.com
Sent: Friday, September 09, 2011 5:43 PM
Subject: Re: [V4Protocol] V4 and AVG

Ed:

Do a Google search for AVG. It is an antivirus program. One version, though limited in function, is a free package and has worked quite well for me for many years.

73
Ian
W4RIR

On Fri, Sep 9, 2011 at 4:45 PM, Ed Woods WD9DVA <wd9dva@...> wrote:

I'm using Bullguard on a trial and besides V4 it wants to know abt other programs as well, when bringing them on. 73 Ed WD9DVA
----- Original Message -----
From: Paul
To: V4Protocol@yahoogroups.com
Sent: Friday, September 09, 2011 18:41
Subject: [V4Protocol] V4 and AVG

It seems that AVG doesn't like the V4 program. I got a virus alert today with it. I'm sure it's a false positive but what in it would do this?

Also just worked SV1UY from FN75cm. Although conditions were pretty terrible.

Paul
VE9NC

1818. Re: [V4Protocol] V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-09 23:01:23 UTC
From: Ed Woods WD9DVA
Topic: 1809 Message: 1818

Hey dont bet on MS, remember VISTA. 73 Ed WD9DVA
----- Original Message -----
From: Fred G -w1wyc
To: V4Protocol@yahoogroups.com
Sent: Friday, September 09, 2011 22:37
Subject: Re: [V4Protocol] V4 and AVG

I use "Microsoft Security Essentials". Another freebie.
I figure if its supported by Microsft it should be decent.

Fred, W1WYC

----- Original Message -----
From: R. Ian Renton
To: V4Protocol@yahoogroups.com
Sent: Friday, September 09, 2011 5:43 PM
Subject: Re: [V4Protocol] V4 and AVG

Ed:

Do a Google search for AVG. It is an antivirus program. One version, though limited in function, is a free package and has worked quite well for me for many years.

73
Ian
W4RIR

On Fri, Sep 9, 2011 at 4:45 PM, Ed Woods WD9DVA <wd9dva@sbcglobal.net> wrote:

I'm using Bullguard on a trial and besides V4 it wants to know abt other programs as well, when bringing them on. 73 Ed WD9DVA
----- Original Message -----
From: Paul
To: V4Protocol@yahoogroups.com
Sent: Friday, September 09, 2011 18:41
Subject: [V4Protocol] V4 and AVG

It seems that AVG doesn't like the V4 program. I got a virus alert today with it. I'm sure it's a false positive but what in it would do this?

Also just worked SV1UY from FN75cm. Although conditions were pretty terrible.

Paul
VE9NC

1819. Re: [V4Protocol] V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-09 23:04:00 UTC
From: Ed Woods WD9DVA
Topic: 1809 Message: 1819

Tnx, this is the 1st we knew of it. 73 Ed WD9DVA
----- Original Message -----
From: R. Ian Renton
To: V4Protocol@yahoogroups.com
Sent: Friday, September 09, 2011 21:43
Subject: Re: [V4Protocol] V4 and AVG

Ed:

Do a Google search for AVG. It is an antivirus program. One version, though limited in function, is a free package and has worked quite well for me for many years.

73
Ian
W4RIR

On Fri, Sep 9, 2011 at 4:45 PM, Ed Woods WD9DVA <wd9dva@...> wrote:

I'm using Bullguard on a trial and besides V4 it wants to know abt other programs as well, when bringing them on. 73 Ed WD9DVA
----- Original Message -----
From: Paul
To: V4Protocol@yahoogroups.com
Sent: Friday, September 09, 2011 18:41
Subject: [V4Protocol] V4 and AVG

It seems that AVG doesn't like the V4 program. I got a virus alert today with it. I'm sure it's a false positive but what in it would do this?

Also just worked SV1UY from FN75cm. Although conditions were pretty terrible.

Paul
VE9NC

1820. Re: V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-10 00:56:10 UTC
From: Paul
Topic: 1809 Message: 1820

Well just to clarify the situation a bit... I am not worried about it. However it was something that V4 did when running that triggered AVG. So it might have been a burp between something else I was running and V4. I did a scan of the folder, the program and nothing is wrong with it. I have used V4 in the past and nothing ever happened to trigger an AVG alert. I only mentioned it just in case it was a bug or something. I am sure it was a false positive. I don't even remotely think anything is actually sinister about it.

Happy trails.

Paul
VE9NC

1821. RE: {Some tags disabled} Re: [V4Protocol] V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-09 18:54:47 UTC
From: Paul Leger
Topic: 1809 Message: 1821

Me too and this is the first day that it started giving me a warning. AVG might have just updated today so it could be just something new. Anyway I am not terribly worried about it. Just wanted to let people know this problem existed.

Just worked GM4ZQH for a bit but propagation sucks.

Paul
VE9NC

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]On Behalf Of Rick Muething
Sent: September 9, 2011 3:43 PM
To: V4Protocol@yahoogroups.com
Subject: {Some tags disabled} Re: [V4Protocol] V4 and AVG

Paul,

I am using AVG both free (on one computer) and the full blown internet security on the other without any problems.

Rick KN6KB

1822. RE: [V4Protocol] V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-10 04:25:55 UTC
From: Dr Fred Hambrecht
Topic: 1809 Message: 1822

It seems that antivirus software can spark as lively a debate as politics or religion. There are free and pay versions and each has their cult following. The misinformation about anti virus software floating around is only rivaled by the gain of CB antennas. That being said, Microsoft has an antivirus called "Microsoft Essentials" that is both free and plays well with Windows, as you would expect because both are written by the same folks. I have had zero problems since switching from AVG a couple of years ago.

Here is a link if you care to take a look:

http://www.microsoft.com/en-us/security_essentials/default.aspx

73

Fred W4JLE/NNN0AAG

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of R. Ian Renton
Sent: Friday, September 09, 2011 5:43 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 and AVG

Ed:

Do a Google search for AVG. It is an antivirus program. One version, though limited in function, is a free package and has worked quite well for me for many years.

73

Ian

W4RIR

On Fri, Sep 9, 2011 at 4:45 PM, Ed Woods WD9DVA <wd9dva@...> wrote:

1823. Rick & Surprising contact

Yahoo group: V4Protocol
Date: 2011-09-10 06:45:45 UTC
From: Paul Whitaker
Topic: 1805 Message: 1823

Hi all,
Just had a surprising contact with Robert, V31AE. 05:51 UTC, 14073. Very good in that there was 0 signal strength, and very weak, and probably 50% repeats, but we got the message thru...
Rick, great to see the Date/Time stamp on the CQ etc. in the RX screen. Helps a lot. Very usefull when away from station, and upon return see a CQ, and wonder if worth calling back. Thank you.

So, will be listening 14073 around 04:00 UTC, and sometimes 7073 around 14:00 UTC.

Cheers

Paul Whitaker.
VK3DPW

1824. Re: [V4Protocol] Rick & Surprising contact

Yahoo group: V4Protocol
Date: 2011-09-10 09:41:24 UTC
From: Rick Muething
Topic: 1805 Message: 1824

Thanks Paul,

Just finishing up a few more tweaks and nice GUI changes. Should get those released in the next day or so:
Echo as sent (the blue italic sent text will be shown in the session window when sent (FEC mode) or when ACKed (ARQ mode). This turned out to be easier than I thought.
Keyboard text box will hold/scroll all entered (keyboard or file) text. Text already sent to the outbound queue will be dark gray, text still in edit stage will be blue italic.
Throughput indicator (both Rx and Tx) shows actual 1 minute rolling average of characters per minute.
OB Queue status mirrored over to V4Chat form as well as V4 TNC form.

I think users will find the above much better for the GUI.

Rick KN6KB

1825. Re: [V4Protocol] Re: V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-10 09:53:26 UTC
From: Rick Muething
Topic: 1809 Message: 1825

Paul/All

OK I think I know what triggered the Virus alert. This latest version (0.5.3.0) has auto update enabled and that will every so often (usually a couple of minutes after startup and then every two hours or so) go out to the auto update server (HTTP port 8776) and check for available updates. (it downloads a small text file that says what is available). Depending on how your security is set up that can trigger a “potential virus” alert or even block the auto update request.
Be assured I am the only one uploading files to the auto update server and each file is verified virus free prior to upload.

On my AVG Internet security (not the free version) when it sees a program try to make an internet connection it asks is it OK and if I want to make a permanent rule allowing that program to access that port etc. Other virus filters or firewalls do something similar.
Just remember if you disable auto updates (either through the setup menu or by blocking access to the server on port 8776) you will have to manually update in the future.

Rick KN6KB

1826. AW: [V4Protocol] Rick & Surprising contact

Yahoo group: V4Protocol
Date: 2011-09-10 10:52:09 UTC
From: Siegfried Jackstien
Topic: 1805 Message: 1826

Cant wait to see the new gui :-)
Dg9bfc
Sigi
Ps such a nice mode but so few stations found on the air and on k3uk sked page ... WHERE ARE YOU GUYS ???

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Samstag, 10. September 2011 09:41
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] Rick & Surprising contact
>
>
>
> Thanks Paul,
>
> Just finishing up a few more tweaks and nice GUI changes. Should get those
> released in the next day or so:
> Echo as sent (the blue italic sent text will be shown in the session
> window when sent (FEC mode) or when ACKed (ARQ mode). This turned out to
> be easier than I thought.
> Keyboard text box will hold/scroll all entered (keyboard or file)
> text. Text already sent to the outbound queue will be dark gray, text
> still in edit stage will be blue italic.
> Throughput indicator (both Rx and Tx) shows actual 1 minute rolling
> average of characters per minute.
> OB Queue status mirrored over to V4Chat form as well as V4 TNC form.
>
> I think users will find the above much better for the GUI.
>
> Rick KN6KB
>
>
>

1827. Re: Rick & Surprising contact

Yahoo group: V4Protocol
Date: 2011-09-10 12:56:27 UTC
From: k1dow_4
Topic: 1805 Message: 1827

This is sounding good, Rick! I'm anxiously looking forward to trying out the graphic tweaks you described.
Regarding the right click issues in the text boxes, would it be possible to just invoke the typical MS right click menu for editing, clearing, copying, pasting, etc., as it would seem these functions are already in the MS OS and perhaps need only to be invoked.
73/Russ
K1DOWArcadia, FL
PS: I think you've got the A4 code nailed down extremely well. I have noticed on a couple recent QSO's that I synced up with other station on the very fist burst of date exchanged. Retry free. :-)

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Thanks Paul,
>
> Just finishing up a few more tweaks and nice GUI changes. Should get those released in the next day or so:
> Echo as sent (the blue italic sent text will be shown in the session window when sent (FEC mode) or when ACKed (ARQ mode). This turned out to be easier than I thought.
> Keyboard text box will hold/scroll all entered (keyboard or file) text. Text already sent to the outbound queue will be dark gray, text still in edit stage will be blue italic.
> Throughput indicator (both Rx and Tx) shows actual 1 minute rolling average of characters per minute.
> OB Queue status mirrored over to V4Chat form as well as V4 TNC form.
>
> I think users will find the above much better for the GUI.
>
> Rick KN6KB
>

1828. {Some tags disabled} Re: [V4Protocol] V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-10 12:59:24 UTC
From: gm4zqh
Topic: 1809 Message: 1828

Hi Paul

Your signal was 559 in Edinburgh but I think mine dropped into the noise your end. I was surprised how the data was flowing..Will have to increase my typing speed as well as fill a few files to give time for sipping coffee.

A few stations heard this morning in Edinburgh so maybe some action later.

140730 is between the devil and the deep blue as at 140760 we have the JT65 boys and at 14700 we have the PSK boys some of who have not learnt how to use the screen display for frequency adjust so drift up the band. In Europe 140730 is probably as good as it gets and this mode seems to work amongst the adjacent channel noise.

John. GM4ZQH

PS......Note I have revised my user name to Call Sign....Forthsailor has gone to sea :) :)

--- In V4Protocol@yahoogroups.com, "Paul Leger" <ve9nc@...> wrote:
>
> Me too and this is the first day that it started giving me a warning. AVG
> might have just updated today so it could be just something new. Anyway I am
> not terribly worried about it. Just wanted to let people know this problem
> existed.
>
> Just worked GM4ZQH for a bit but propagation sucks.
>
> Paul
> VE9NC
>
> -----Original Message-----
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]On
> Behalf Of Rick Muething
> Sent: September 9, 2011 3:43 PM
> To: V4Protocol@yahoogroups.com
> Subject: {Some tags disabled} Re: [V4Protocol] V4 and AVG
>
>
>
>
> Paul,
>
> I am using AVG both free (on one computer) and the full blown internet
> security on the other without any problems.
>
> Rick KN6KB
>

1829. RE: [V4Protocol] V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-10 13:01:30 UTC
From: Rick Westerfield
Topic: 1809 Message: 1829

Microsoft Security Essentials is what I use. Great program and zero problems.

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Dr Fred Hambrecht
Sent: Friday, September 09, 2011 11:26 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 and AVG

It seems that antivirus software can spark as lively a debate as politics or religion. There are free and pay versions and each has their cult following. The misinformation about anti virus software floating around is only rivaled by the gain of CB antennas. That being said, Microsoft has an antivirus called "Microsoft Essentials" that is both free and plays well with Windows, as you would expect because both are written by the same folks. I have had zero problems since switching from AVG a couple of years ago.

Here is a link if you care to take a look:

http://www.microsoft.com/en-us/security_essentials/default.aspx

73

Fred W4JLE/NNN0AAG

_____

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of R. Ian Renton
Sent: Friday, September 09, 2011 5:43 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 and AVG

Ed:

Do a Google search for AVG. It is an antivirus program. One version, though limited in function, is a free package and has worked quite well for me for many years.

73

Ian

W4RIR

On Fri, Sep 9, 2011 at 4:45 PM, Ed Woods WD9DVA <wd9dva@...> wrote:

1830. Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-10 13:27:38 UTC
From: gm4zqh
Topic: 1763 Message: 1830

Well we can always send the +? mark out of habit to let the other party know we have finished and are waiting for Topsy to switch the link LOL.... :) I did last night.

--- In V4Protocol@yahoogroups.com, "k1dow_4" <russtower@...> wrote:
>
> Yes Finn! AMTOR was my first experience with HF ARQ operation. It was
> very effective too. I do remember the +? :-)
> 73/ RussK1DOW
> --- In V4Protocol@yahoogroups.com, "la7um" <la7um@> wrote:
> >
> > Russ. Reminds me of +? Wasn't that the original change over using
> AMTOR?
> > 73 Finn/LA7UM
> >
> > --- In V4Protocol@yahoogroups.com, "k1dow_4" russtower@ wrote:
> > >
> > > My input regarding the user interface on V4
> > > First and foremost congratulations to you Rick on getting the V4
> code
> > > running very well indeed!
> > > I would find the interface much more comfortable to use if nothing
> but
> > > received text appeared in the receive window and of course a
> separate
> > > window like we have now to type in. What would be VERY helpful is a
> > > small third window displaying the outgoing text that has been
> received
> > > by the IRS. This way you would be aware of your throughput and not
> get
> > > too verbose under poor conditions. You would be seeing exactly what
> the
> > > IRS has displayed to the moment.
> > > The constellation, while interesting, is something I would gladly do
> > > without to have this third window of received text by the IRS
> > > displayed, if keeping the amount of program code to a minimum is is
> > > important, and I think of course that it is.
> > > From all the posts I have read this morning, I think that the
> majority
> > > of the uses want to see the actual transmitted text they send as it
> is
> > > displayed at he IRS.
> > > Oh.. A last thought on the on the tendency of many of us to want to
> do
> > > the "BTU OM" thing, even though we understand the changeover from

> ISS to
> > > IRS is automatic. I simply end my typing by typically asking a
> question.
> > > This seems to to work pretty well in getting the other guy to type a
> > > reply. ;-)
> > > 73/RussK1DOWArcadia, FL
> > > --- In V4Protocol@yahoogroups.com, "Bob Thornton" <bob.thornton@>
> > > wrote:
> > > >
> > > > Constellation score shows how well we are receiving but something
> to
> > > indicate how well we are being received would be nice. Very good
> > > reasons of throughput why you don't want to bring that back, but
> could
> > > something simpler be done based on the counting of ACK and NACK
> frames.
> > > (ACK-NACK)/(ACK+NACK) sounds like a possible measure. Or effective
> data
> > > rate based on throughput.
> > > >
> > > > Bob
> > > >
> > > > G3WKW
> > > >
> > > > --- In V4Protocol@yahoogroups.com, "Rick Muething" rmuething@
> wrote:
> > > > >
> > > > > Pete,
> > > > >
> > > > > It is hard to measure one or two parameters and show link
> quality.
> > > There is already one very good indicator and that is the
> constellation
> > > display and its score. This shows the â□□tightness of the
> > > symbolsï¿½? and scores them 0 to 100. 100 is near perfect
> (4
> > > very small dots in the corners of the constellation plot). A score
> > 50
> > > is usually decodable without errors. The S/N is also computed and
> > > measures the average (across the frame) of the Desired signal (one
> of
> > > the 4FSK tones) compared to the other three tones. Its possible to
> add
> > > more frills, graphs and plots but the goal should be to communicate
> some
> > > useful information not just show and glitz. Its important to
> remember
> > > that the TNC does not actually have to be visible at all...its form
> is

> > > primarily for operator entertainment as there are few controls that
> are
> > > really required.
> > > > >
> > > > > Iâ☐☐ll consider putting something else in if it makes sense
> and
> > > communicates something of value to the user. There really is not
> much
> > > one can do to improved the decoding other than trying with the
> filter IN
> > > or Out.
> > > > > >
> > > > > Rick KN6KB
> > > > > >
> > > > >
> > > >
> > >
> >

1831. Re: [V4Protocol] Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-10 13:53:36 UTC
From: Rick Muething
Topic: 1763 Message: 1831

Russ,
The next version will have the functionally you wish:
1) The text entered (either via keyboard or pasted file) will always be shown in the current keyboard window. The portion of the text that has been sent or in the process of sending (e.g. waiting in the OB queue) will be dark gray, text you can edit will be blue. You can clear the window if desired or just let it scroll. (BIG scroll buffer)

2) There is no need for a third “text in process” window. The new scheme copies data as sent (sometimes called Echo as Sent) to the session window when it is actually sent so you can always see exactly what text has been sent (and in the case of ARQ, ACKed). This also has the nice affect of making the log completely chronologic...text appears in the log when it was sent/ACKed by the other side. For non full duplex operation this will automatically separate received text from sent text both by color and by time/grouping. For ARQ operation you know that when the sent data (blue italic font) appears on your Session window it ALSO and Simultaneously appears on the remote stations Session window. No question as to what data the other side has received!

3) You can already copy text in either window as described in help...
Use a left mouse click and drag to highlight text
Use Ctrl C to copy the highlighted text to the clip board.
Position the cursor where you want to paste (can be a different application if desired)
Use Ctrl V to paste at the cursor.

The Ctrl C and Ctrl V are pretty standard for copy and paste. I could go to use the right mouse click for that but then we need a different key stroke (not standard) to allow erasing the entire Keyboard or Session windows. Those windows can hold a lot of type so it is not always practical trying to select all the window data to clear it.

I should have this out today or tomorrow.

Rick KN6KB

1832. BUFFER NOT PURGED

Yahoo group: V4Protocol
Date: 2011-09-10 14:18:25 UTC
From: jgmags2000
Topic: 1832 Message: 1832

Hello group, when ARQ times out, the programs sends a cwid which is normal. It also says that the outbound buffer is purged, but it isn't . The queue still shows whatever number was previously showing. Do I need to send a debug log Rick?.

73, John ,KJ1J

1833. Re: [V4Protocol] Re: V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-10 14:47:55 UTC
From: Fred G -w1wyc
Topic: 1809 Message: 1833

Hiya Rick,

You mentioned a text file that's loaded prior to the download. Is this text file automatically displayed or is it in the
Winmor directory and has to be opened manually. ?

Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Saturday, September 10, 2011 5:53 AM
Subject: Re: [V4Protocol] Re: V4 and AVG

Paul/All

OK I think I know what triggered the Virus alert. This latest version (0.5.3.0) has auto update enabled and that will every so often (usually a couple of minutes after startup and then every two hours or so) go out to the auto update server (HTTP port 8776) and check for available updates. (it downloads a small text file that says what is available). Depending on how your security is set up that can trigger a “potential virus” alert or even block the auto update request.
Be assured I am the only one uploading files to the auto update server and each file is verified virus free prior to upload.

On my AVG Internet security (not the free version) when it sees a program try to make an internet connection it asks is it OK and if I want to make a permanent rule allowing that program to access that port etc. Other virus filters or firewalls do something similar.
Just remember if you disable auto updates (either through the setup menu or by blocking access to the server on port 8776) you will have to manually update in the future.

Rick KN6KB

1834. Re: [V4Protocol] Re: V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-10 16:00:46 UTC
From: Rick Muething
Topic: 1809 Message: 1834

Fred,

Then entire auto update mechanism:
Downloading the (specially formatted) text file telling what “patches” are available for what versions (You can’t easily make this file up manually and it makes very uninteresting reading!).
Interpreting the text file based on the current version to determine which zip to download.
Downloading the autoupdate zip file based on the current version
Unzipping the autoupdate Zip file
Backing up all current file versions to “.old” versions
Replacing all target files with new versions
Recovery “rollback” if any problem detected
Notification that auto update is complete and to restart manually to run the new version

Is all done automatically. This is essential because the format and exact sequence of all this is critical and must be done by the program.

For those that don’t want to auto update or have (for whatever reason) their access to HTTP port 8776 blocked they will have to go to the Yahoo FTP site (later also the Winlink site) and download the full install and do the manual uninistall/reinstall dance.

We developed and are using this sophisticated and reliable mechanism over the past few years.

Rick KN6KB

From: Fred G -w1wyc
Sent: Saturday, September 10, 2011 10:47 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: V4 and AVG

☐

Hiya Rick,

You mentioned a text file that's loaded prior to the download. Is this text file automatically displayed or is it in the
Winmor directory and has to be opened manually. ?

Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Saturday, September 10, 2011 5:53 AM
Subject: Re: [V4Protocol] Re: V4 and AVG

Paul/All

OK I think I know what triggered the Virus alert. This latest version (0.5.3.0) has auto update enabled and that will every so often (usually a couple of minutes after startup and then every two hours or so) go out to the auto update server (HTTP port 8776) and check for available updates. (it downloads a small text file that says what is available). Depending on how your security is set up that can trigger a “potential virus” alert or even block the auto update request.
Be assured I am the only one uploading files to the auto update server and each file is verified virus free prior to upload.

On my AVG Internet security (not the free version) when it sees a program try to make an internet connection it asks is it OK and if I want to make a permanent rule allowing that program to access that port etc. Other virus filters or firewalls do something similar.
Just remember if you disable auto updates (either through the setup menu or by blocking access to the server on port 8776) you will have to manually update in the future.

Rick KN6KB

1835. Re: [V4Protocol] BUFFER NOT PURGED

Yahoo group: V4Protocol
Date: 2011-09-10 18:16:18 UTC
From: Rick Muething
Topic: 1832 Message: 1835

Thanks John,
I found the problem without the log file. Actually the buffer is cleared to 0 but the code that updated the label was not being activated. Should be fixed in the next release.

Rick KN6KB

1836. Re: V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30

Yahoo group: V4Protocol
Date: 2011-09-10 20:01:03 UTC
From: gm4zqh
Topic: 1803 Message: 1836

Hi Adam

Just using a dipole and 50 watts. It was OK for Amtor so when conditions are right it should work.

John GM4ZQH

--- In V4Protocol@yahoogroups.com, Adam Rozanski <rozanski@...> wrote:
>
>
> tryed to call you a few times but band not that good today will keep trying now that I have your call will make it some dayAdam ka2uol
> To: V4Protocol@yahoogroups.com
> From: jhowell@...
> Date: Fri, 9 Sep 2011 18:08:10 +0000
> Subject: [V4Protocol] Re: V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30
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>
> Hi Adam
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>
> Just heard you at 17:59 but you can t hear me. Also heard SV1UY
>
> and KB0E earlier
>
>
>
> John GM4ZQH was not at the rig to see signal strength .
>
>
>
> --- In V4Protocol@yahoogroups.com, Adam Rozanski <rozanski@> wrote:
>
> >
>
> >
>
> > Thank you John will look for you but you did not gine your call 73 Adam ka2uol
>
> > To: V4Protocol@yahoogroups.com
>
> > From: jhowell@
>
> > Date: Thu, 8 Sep 2011 20:40:49 +0000
>
> > Subject: [V4Protocol] V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30
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> > The following stations CQ signals were clearly decoded in Edinburgh this evening.
Unfortunately I was cooking dinner having just set V4 in operation .
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>
> > W3JAL........KB0E.......KA2UOL......VE3FWF.
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>
> > I shall try and be on frequency at these times to join in the fun :)
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> >
>
> > Some ARQ conversations were partially decoded from stations unknown.
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> >
>

1837. Re: [V4Protocol] Re: V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-10 20:42:15 UTC
From: Fred G -w1wyc
Topic: 1809 Message: 1837

Hi Rick,

Autoupdate does a lot of work. Thanks for the explanation.

73,
Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Saturday, September 10, 2011 12:00 PM
Subject: Re: [V4Protocol] Re: V4 and AVG

Fred,

Then entire auto update mechanism:
Downloading the (specially formatted) text file telling what “patches” are available for what versions (You can’t easily make this file up manually and it makes very uninteresting reading!).
Interpreting the text file based on the current version to determine which zip to download.
Downloading the autoupdate zip file based on the current version
Unzipping the autoupdate Zip file
Backing up all current file versions to “.old” versions
Replacing all target files with new versions
Recovery “rollback” if any problem detected
Notification that auto update is complete and to restart manually to run the new version

Is all done automatically. This is essential because the format and exact sequence of all this is critical and must be done by the program.

For those that don’t want to auto update or have (for whatever reason) their access to HTTP port 8776 blocked they will have to go to the Yahoo FTP site (later also the Winlink site) and download the full install and do the manual uninistall/reinstall dance.

We developed and are using this sophisticated and reliable mechanism over the past few years.

Rick KN6KB

From: Fred G -w1wyc
Sent: Saturday, September 10, 2011 10:47 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: V4 and AVG

☐

Hiya Rick,

You mentioned a text file that's loaded prior to the download. Is this text file automatically displayed or is it in the
Winmor directory and has to be opened manually. ?

Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Saturday, September 10, 2011 5:53 AM
Subject: Re: [V4Protocol] Re: V4 and AVG

Paul/All

OK I think I know what triggered the Virus alert. This latest version (0.5.3.0) has auto update enabled and that will every so often (usually a couple of minutes after startup and then every two hours or so) go out to the auto update server (HTTP port 8776) and check for available updates. (it downloads a small text file that says what is available). Depending on how your security is set up that can trigger a “potential virus” alert or even block the auto update request.
Be assured I am the only one uploading files to the auto update server and each file is verified virus free prior to upload.

On my AVG Internet security (not the free version) when it sees a program try to make an internet connection it asks is it OK and if I want to make a permanent rule allowing that program to access that port etc. Other virus filters or firewalls do something similar.
Just remember if you disable auto updates (either through the setup menu or by blocking access to the server on port 8776) you will have to manually update in the future.

Rick KN6KB

1838. Re: V4 GUI improvement proposal

Yahoo group: V4Protocol
Date: 2011-09-11 13:40:19 UTC
From: k1dow_4
Topic: 1763 Message: 1838

Most excellent Rick! I think the other testers will be very pleased
with these refinments, too. Watching for you next release!
73/RussK1DOWArcadia, FL
--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...>
wrote:
>
> Russ,
> The next version will have the functionally you wish:
> 1) The text entered (either via keyboard or pasted file) will always
be shown in the current keyboard window. The portion of the text that
has been sent or in the process of sending (e.g. waiting in the OB
queue) will be dark gray, text you can edit will be blue. You can clear
the window if desired or just let it scroll. (BIG scroll buffer)
>
> 2) There is no need for a third â□□text in processâ□□
window. The new scheme copies data as sent (sometimes called Echo as
Sent) to the session window when it is actually sent so you can always
see exactly what text has been sent (and in the case of ARQ, ACKed).
This also has the nice affect of making the log completely
chronologic...text appears in the log when it was sent/ACKed by the
other side. For non full duplex operation this will automatically
separate received text from sent text both by color and by
time/grouping. For ARQ operation you know that when the sent data (blue
italic font) appears on your Session window it ALSO and Simultaneously
appears on the remote stations Session window. No question as to what
data the other side has received!
>
> 3) You can already copy text in either window as described in help...
> Use a left mouse click and drag to highlight text
> Use Ctrl C to copy the highlighted text to the clip board.
> Position the cursor where you want to paste (can be a
different application if desired)
> Use Ctrl V to paste at the cursor.
>
> The Ctrl C and Ctrl V are pretty standard for copy and paste. I could
go to use the right mouse click for that but then we need a different
key stroke (not standard) to allow erasing the entire Keyboard or
Session windows. Those windows can hold a lot of type so it is not
always practical trying to select all the window data to clear it.
>
> I should have this out today or tomorrow.
>
> Rick KN6KB
>

1839. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-11 18:44:07 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1839

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.6.0.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.6.0.0 Full Install with Revision History and V4 TNC

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.6.0.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1840. V4Chat Update 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-11 18:50:55 UTC
From: kn6kb
Topic: 1840 Message: 1840

All,
This is a significant update but should still be compatible with prior versions after 0.5. There have been significnt changes in the V4Chat GUI and main menu line. Please read the help at least in the sections that describe the V4Chat main menu.

There is some sort of issue with the HTTP auto update server which we are trying to resolve. I compiled this version to use the FTP autoupdate server (uses FTP port 8777) but that will not help those with 0.5.3.0 autoupdate to this version. So at least this time you will have to uninstall, reinstall using the same procedure as the past. No settings will be lost.

Let's flush out any remaing bugs (I think I have all those reported fixed) in this prior to doing any more GUI tweaks. I think you'll find this GUI and use of the session text box much better.

Good luck,

Rick Muething, KN6KB

V4 Chat Revision History

Date: Rev Change Summary

Sept 10, 2011 0.6.0.0 Beta release of 0.5.3.1

Sept 6, 2011 0.5.3.1 Checked auto update and made cleanup of logging and prevention of close during update.
Added OB Queue label to V4Chat main window based on BUFFER reports from V4 TNC.
Added Tx and Rx throughput calculations (~1 minute rolling avg) and throughput progress bar.
Modified menu line to move some items to "File dropdown" section to make room for progress bar.
Fixed problem in UpdateSessionDisplay that cause permanent error after a right click clear of the session window.
Added mechanism to display Data as sent (FEC mode) adn Data as ACKed (ARQ mode) (blue italic text in Session RTB)
Fixed bug in "Paste and Send" function where data was not being shown on the Keyboard RTB
Made modifications in UpdateSessionDisplay to insure Status and Alerts are always on a separate line.
Updated Help

V4 TNC Revision History

Date Rev # Summary ofChanges

Sept 10, 2011 0.6.0.0 Beta release of 0.5.3.1

Sept 7, 2011 0.5.3.1 Added Send of BUFFER command whenever OB Queue display value is updated (allows V4 Chat to monitor buffer)
Added mechanism for "Echo as Sent" allowing host applicaiton to display transmitted data as sent (FEC mode) or
as ACKed (ARQ mode).
Added "SC Cal offset" to ini file for AR if < 2012
Fixed problem where clear of OB Queue was not being reported on timouts and aborts.

1841. Re: [V4Protocol] V4Chat Update 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-11 19:27:02 UTC
From: Fred G -w1wyc
Topic: 1840 Message: 1841

Hiya Rick,

I downloaded 0.6.0.0 and installed it.
It was a little scary when I tried it and there was no transmilt.
I found I had to get into setup and redo the radio setup.
But all appears ok after doing that.

I noticed this morning that when I looked at the exception file that autoupdate
didn't work but I guess you are aware of it and it'll be fixed. At first I thought
I had a problem but I'll wait for email saying "All is well" then I'll look into my
problem if I have one.

73,
Fred, W1WYC

----- Original Message -----
From: kn6kb
To: V4Protocol@yahoogroups.com
Sent: Sunday, September 11, 2011 2:50 PM
Subject: [V4Protocol] V4Chat Update 0.6.0.0

All,
This is a significant update but should still be compatible with prior versions after 0.5.
There have been significnt changes in the V4Chat GUI and main menu line. Please read the
help at least in the sections that describe the V4Chat main menu.

There is some sort of issue with the HTTP auto update server which we are trying to
resolve. I compiled this version to use the FTP autoupdate server (uses FTP port 8777) but
that will not help those with 0.5.3.0 autoupdate to this version. So at least this time you
will have to uninstall, reinstall using the same procedure as the past. No settings will be
lost.

Let's flush out any remaing bugs (I think I have all those reported fixed) in this prior to
doing any more GUI tweaks. I think you'll find this GUI and use of the session text box
much better.

Good luck,

Rick Muething, KN6KB

V4 Chat Revision History

Date: Rev Change Summary

Sept 10, 2011 0.6.0.0 Beta release of 0.5.3.1

Sept 6, 2011 0.5.3.1 Checked auto update and made cleanup of logging and prevention of
close during update.

Added OB Queue label to V4Chat main window based on BUFFER reports from V4 TNC.
Added Tx and Rx throughput calculations (~1 minute rolling avg) and throughput progress bar.
Modified menu line to move some items to "File dropdown" section to make room for progress bar.
Fixed problem in UpdateSessionDisplay that cause permanent error after a right click clear of the session window.
Added mechanism to display Data as sent (FEC mode) adn Data as ACKed (ARQ mode) (blue italic text in Session RTB)
Fixed bug in "Paste and Send" function where data was not being shown on the Keyboard RTB
Made modifications in UpdateSessionDisplay to insure Status and Alerts are always on a separate line.
Updated Help

V4 TNC Revision History

Date Rev # Summary ofChanges

Sept 10, 2011 0.6.0.0 Beta release of 0.5.3.1

Sept 7, 2011 0.5.3.1 Added Send of BUFFER command whenever OB Queue display value is updated (allows V4 Chat to monitor buffer)
Added mechanism for "Echo as Sent" allowing host applicaiton to display transmitted data as sent (FEC mode) or
as ACKed (ARQ mode).
Added "SC Cal offset" to ini file for AR if < 2012
Fixed problem where clear of OB Queue was not being reported on timouts and aborts.

1842. Re: V4Chat Update 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-11 21:44:50 UTC
From: Bob Thornton
Topic: 1840 Message: 1842

After install it appeared to work fine keying TX via CAT, but I noticed it was using FSK for the CWID. So I delved into Radio Setup and found settings appeared to have defaulted. Now restored and CWID back to normal. I had not upgraded to 0.5.3.0 and was at 0.5.2.2 (the patch). Anyway not a real problem but I don't recall a problem with any previous upgrade.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "Fred G -w1wyc" <f_garside@...> wrote:
>
> Hiya Rick,
>
> I downloaded 0.6.0.0 and installed it.
> It was a little scary when I tried it and there was no transmilt.
> I found I had to get into setup and redo the radio setup.
> But all appears ok after doing that.
>
> I noticed this morning that when I looked at the exception file that autoupdate
> didn't work but I guess you are aware of it and it'll be fixed. At first I thought
> I had a problem but I'll wait for email saying "All is well" then I'll look into my
> problem if I have one.
>
> 73,
> Fred, W1WYC
>
>
> ----- Original Message -----
> From: kn6kb
> To: V4Protocol@yahoogroups.com
> Sent: Sunday, September 11, 2011 2:50 PM
> Subject: [V4Protocol] V4Chat Update 0.6.0.0
>
>
>
> All,
> This is a significant update but should still be compatible with prior versions after 0.5. There have been significnt changes in the V4Chat GUI and main menu line. Please read the help at least in the sections that describe the V4Chat main menu.
>
> There is some sort of issue with the HTTP auto update server which we are trying to resolve. I compiled this version to use the FTP autoupdate server (uses FTP port 8777) but that will not help those with 0.5.3.0 autoupdate to this version. So at least this time you will have to uninstall, reinstall using the same procedure as the past. No settings will be lost.
>

> Let's flush out any remaing bugs (I think I have all those reported fixed) in this prior to doing any more GUI tweaks. I think you'll find this GUI and use of the session text box much better.
>
> Good luck,
>
> Rick Muething, KN6KB
>
> V4 Chat Revision History
>
> Date: Rev Change Summary
>
> Sept 10, 2011 0.6.0.0 Beta release of 0.5.3.1
>
> Sept 6, 2011 0.5.3.1 Checked auto update and made cleanup of logging and prevention of close during update.
> Added OB Queue label to V4Chat main window based on BUFFER reports from V4 TNC.
> Added Tx and Rx throughput calculations (~1 minute rolling avg) and throughput progress bar.
> Modified menu line to move some items to "File dropdown" section to make room for progress bar.
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> Fixed bug in "Paste and Send" function where data was not being shown on the Keyboard RTB
> Made modifications in UpdateSessionDisplay to insure Status and Alerts are always on a separate line.
> Updated Help
>
> V4 TNC Revision History
>
> Date Rev # Summary ofChanges
>
> Sept 10, 2011 0.6.0.0 Beta release of 0.5.3.1
>
> Sept 7, 2011 0.5.3.1 Added Send of BUFFER command whenever OB Queue display value is updated (allows V4 Chat to monitor buffer)
> Added mechanism for "Echo as Sent" allowing host applicaiton to display transmitted data as sent (FEC mode) or
> as ACKed (ARQ mode).
> Added "SC Cal offset" to ini file for AR if < 2012
> Fixed problem where clear of OB Queue was not being reported on timouts and aborts.
>

1844. Re: [V4Protocol] Re: V4Chat Update 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-11 21:55:00 UTC
From: Fred G -w1wyc
Topic: 1840 Message: 1844

Hiya Bob,

I don't use TX via CAT. I use a separate COMPORT for keying.
I use CAT but the FT-920 doesn't like TX.
I was running 0.5.3.0 until I updated. All appears fine.

Fred, W1WYC

----- Original Message -----
From: Bob Thornton
To: V4Protocol@yahoogroups.com
Sent: Sunday, September 11, 2011 5:44 PM
Subject: [V4Protocol] Re: V4Chat Update 0.6.0.0

After install it appeared to work fine keying TX via CAT, but I noticed it was using FSK for the CWID. So I delved into Radio Setup and found settings appeared to have defaulted. Now restored and CWID back to normal. I had not upgraded to 0.5.3.0 and was at 0.5.2.2 (the patch). Anyway not a real problem but I don't recall a problem with any previous upgrade.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "Fred G -w1wyc" <f_garside@...> wrote:
>
> Hiya Rick,
>
> I downloaded 0.6.0.0 and installed it.
> It was a little scary when I tried it and there was no transmilt.
> I found I had to get into setup and redo the radio setup.
> But all appears ok after doing that.
>
> I noticed this morning that when I looked at the exception file that autoupdate
> didn't work but I guess you are aware of it and it'll be fixed. At first I thought
> I had a problem but I'll wait for email saying "All is well" then I'll look into my
> problem if I have one.
>
> 73,
> Fred, W1WYC
>
>
> ----- Original Message -----
> From: kn6kb
> To: V4Protocol@yahoogroups.com
> Sent: Sunday, September 11, 2011 2:50 PM
> Subject: [V4Protocol] V4Chat Update 0.6.0.0
>

>
>
> All,
> This is a significant update but should still be compatible with prior versions after 0.5. There have been significnt changes in the V4Chat GUI and main menu line. Please read the help at least in the sections that describe the V4Chat main menu.
>
> There is some sort of issue with the HTTP auto update server which we are trying to resolve. I compiled this version to use the FTP autoupdate server (uses FTP port 8777) but that will not help those with 0.5.3.0 autoupdate to this version. So at least this time you will have to uninstall, reinstall using the same procedure as the past. No settings will be lost.
>
> Let's flush out any remaing bugs (I think I have all those reported fixed) in this prior to doing any more GUI tweaks. I think you'll find this GUI and use of the session text box much better.
>
> Good luck,
>
> Rick Muething, KN6KB
>
> V4 Chat Revision History
>
> Date: Rev Change Summary
>
> Sept 10, 2011 0.6.0.0 Beta release of 0.5.3.1
>
> Sept 6, 2011 0.5.3.1 Checked auto update and made cleanup of logging and prevention of close during update.
> Added OB Queue label to V4Chat main window based on BUFFER reports from V4 TNC.
> Added Tx and Rx throughput calculations (~1 minute rolling avg) and throughput progress bar.
> Modified menu line to move some items to "File dropdown" section to make room for progress bar.
> Fixed problem in UpdateSessionDisplay that cause permanent error after a right click clear of the session window.
> Added mechanism to display Data as sent (FEC mode) adn Data as ACKed (ARQ mode) (blue italic text in Session RTB)
> Fixed bug in "Paste and Send" function where data was not being shown on the Keyboard RTB
> Made modifications in UpdateSessionDisplay to insure Status and Alerts are always on a separate line.
> Updated Help
>
> V4 TNC Revision History
>
> Date Rev # Summary ofChanges
>
> Sept 10, 2011 0.6.0.0 Beta release of 0.5.3.1
>
> Sept 7, 2011 0.5.3.1 Added Send of BUFFER command whenever OB Queue display value is

updated (allows V4 Chat to monitor buffer)
> Added mechanism for "Echo as Sent" allowing host applicaiton to display transmitted data as sent (FEC mode) or
> as ACKed (ARQ mode).
> Added "SC Cal offset" to ini file for AR if < 2012
> Fixed problem where clear of OB Queue was not being reported on timouts and aborts.
>

1845. Re: [V4Protocol] Re: V4Chat Update 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-11 22:01:38 UTC
From: Steinar Aanesland
Topic: 1840 Message: 1845

The CAT is still not working with my ic-756proIII

la5vna Steinar

On 11.09.2011 23:55, Fred G -w1wyc wrote:
> Hiya Bob,
>
> I don't use TX via CAT. I use a separate COMPORT for keying.
> I use CAT but the FT-920 doesn't like TX.
> I was running 0.5.3.0 until I updated. All appears fine.
>
> Fred, W1WYC
>
> ----- Original Message -----
> From: Bob Thornton
> To: V4Protocol@yahoogroups.com
> Sent: Sunday, September 11, 2011 5:44 PM
> Subject: [V4Protocol] Re: V4Chat Update 0.6.0.0
>
>
>
> After install it appeared to work fine keying TX via CAT, but I noticed it was using FSK for the CWID. So I delved into Radio Setup and found settings appeared to have defaulted. Now restored and CWID back to normal. I had not upgraded to 0.5.3.0 and was at 0.5.2.2 (the patch). Anyway not a real problem but I don't recall a problem with any previous upgrade.
>
> Bob
>
> G3WKW
>
> --- In V4Protocol@yahoogroups.com, "Fred G -w1wyc" <f_garside@...> wrote:
> >
> > Hiya Rick,
> >
> > I downloaded 0.6.0.0 and installed it.
> > It was a little scary when I tried it and there was no transmilt.
> > I found I had to get into setup and redo the radio setup.
> > But all appears ok after doing that.
> >
> > I noticed this morning that when I looked at the exception file that autoupdate
> > didn't work but I guess you are aware of it and it'll be fixed. At first I thought
> > I had a problem but I'll wait for email saying "All is well" then I'll look into my
> > problem if I have one.
> >
> > 73,

> > Fred, W1WYC
> >
> >
> > ----- Original Message -----
> > From: kn6kb
> > To: V4Protocol@yahoogroups.com
> > Sent: Sunday, September 11, 2011 2:50 PM
> > Subject: [V4Protocol] V4Chat Update 0.6.0.0
> >
> >
> >
> > All,
> > This is a significant update but should still be compatible with prior versions after 0.5. There have been significnt changes in the V4Chat GUI and main menu line. Please read the help at least in the sections that describe the V4Chat main menu.
> >
> > There is some sort of issue with the HTTP auto update server which we are trying to resolve. I compiled this version to use the FTP autoupdate server (uses FTP port 8777) but that will not help those with 0.5.3.0 autoupdate to this version. So at least this time you will have to uninstall, reinstall using the same procedure as the past. No settings will be lost.
> >
> > Let's flush out any remaing bugs (I think I have all those reported fixed) in this prior to doing any more GUI tweaks. I think you'll find this GUI and use of the session text box much better.
> >
> > Good luck,
> >
> > Rick Muething, KN6KB
> >
> > V4 Chat Revision History
> >
> > Date: Rev Change Summary
> >
> > Sept 10, 2011 0.6.0.0 Beta release of 0.5.3.1
> >
> > Sept 6, 2011 0.5.3.1 Checked auto update and made cleanup of logging and prevention of close during update.
> > Added OB Queue label to V4Chat main window based on BUFFER reports from V4 TNC.
> > Added Tx and Rx throughput calculations (~1 minute rolling avg) and throughput progress bar.
> > Modified menu line to move some items to "File dropdown" section to make room for progress bar.
> > Fixed problem in UpdateSessionDisplay that cause permanent error after a right click clear of the session window.
> > Added mechanism to display Data as sent (FEC mode) adn Data as ACKed (ARQ mode) (blue italic text in Session RTB)
> > Fixed bug in "Paste and Send" function where data was not being shown on the Keyboard RTB
> > Made modifications in UpdateSessionDisplay to insure Status and Alerts are always on a

separate line.
> > Updated Help
> >
> > V4 TNC Revision History
> >
> > Date Rev # Summary ofChanges
> >
> > Sept 10, 2011 0.6.0.0 Beta release of 0.5.3.1
> >
> > Sept 7, 2011 0.5.3.1 Added Send of BUFFER command whenever OB Queue display value is updated (allows V4 Chat to monitor buffer)
> > Added mechanism for "Echo as Sent" allowing host applicaiton to display transmitted data as sent (FEC mode) or
> > as ACKed (ARQ mode).
> > Added "SC Cal offset" to ini file for AR if < 2012
> > Fixed problem where clear of OB Queue was not being reported on timouts and aborts.
> >
>
>
>

1846. Re: V4Chat Update 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-11 23:07:33 UTC
From: Paul
Topic: 1840 Message: 1846

I had to reset all my radio and PTT settings but no problem with it. I am glad the log book stayed put.

I just made a qso with AA1CZ on backscatter and all I can say is WOW. Hardly any signal, tons of noise, QSB, and QRM and still made a contact without too many resends. Under ideal circumstances this is going to be one heck of a mode. I remember the old days when I was an avid AMTOR fan. This is way better. I love the way it's working now with the data sent. Outstanding. Now I want to make a few more QSOs if the sun would start cooperating. I just like to say a big WOOO HOOO to Rick.

Paul
VE9NC

1847. Re: [V4Protocol] Re: V4Chat Update 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-11 23:32:02 UTC
From: Rick Muething
Topic: 1840 Message: 1847

I don’t have a 756 pro to test with. Other Icom’s have not reported any problem. Have you tried the USB Digital setting? Anyone out there with a 756 Pro or even a 746?

Rick KN6KB

1848. Re: [V4Protocol] Re: V4Chat Update 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-11 23:35:00 UTC
From: Rick Muething
Topic: 1840 Message: 1848

All,
Version 0.5.3 corrected some problems in the radio setup settings in the ini file. If you didn’t run that version you’ll have to go and use the radio setup menu to re enter the settings. Another good reason to keep current. Hopefull after this auto update should be working.

Rick KN6KB

1849. Ron - you have a Winner!

Yahoo group: V4Protocol
Date: 2011-09-12 00:55:51 UTC
From: Chris
Topic: 1849 Message: 1849

Hi Ron and everyone.

At least three of us here down under have the new version 0.6.0.0 installed and running .. Clive ZL1FZ, John VK5PO and myself. All on 14073 USB dial.

We have enjoyed some solid ARQ contacts (the path Auckland to Adelaide is a couple of thousand miles I guess) despite weak signals and a more or less flat band. V4 is clearly going to be a winner!

Delighted that after all these years Amtor has a powerful replacement and no hardware TNC needed. Once other experience the very relaxed and different style of ARQ I think there will be a lot of converts.

Sincere thanks Ron for bringing us to this point.

73, Chris ZL1BOE, Howick, NZ

1850. Re: [V4Protocol] Re: V4Chat Update 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-12 01:31:31 UTC
From: Rick Westerfield
Topic: 1840 Message: 1850

My 746 with a Signalink is running very well, no problems, no complaints. The 756 should be equally easy.

Rick KH2DF

Sent from my iPhone

On Sep 11, 2011, at 6:32 PM, "Rick Muething" <rmuething@...> wrote:

> I don’t have a 756 pro to test with. Other Icom’s have not reported any problem. Have you tried the USB Digital setting? Anyone out there with a 756 Pro or even a 746?
>
> Rick KN6KB
>
>

1851. Re: Ron - you have a Winner!

Yahoo group: V4Protocol
Date: 2011-09-12 01:40:15 UTC
From: Ian Branch
Topic: 1849 Message: 1851

Hi Guys,

Running the latest as of this morning my time.

Somewhat distressing. I was listening (as in hearing) to
that exchange all the way through. I saw John put out his initial CQ,
resolved perfectly, and heard many exchanges thereafter but resolved
nothing.

Having said that I was 'listening' in FEC FD mode, I had
expected to be able to 'monitor the QSO at least, or are the protocols so
different FEC FD won't resolve ARQ? Maybe I should RTFM..

Regards,

Ian

VK3YEA

1852. Re: V4Chat Update 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-12 03:15:26 UTC
From: Chris
Topic: 1840 Message: 1852

Hello Steinar,

You wrote:

>
> The CAT is still not working with my ic-756proIII
>
> la5vna Steinar
>

As I understand it, you have NEVER had the 756 working with V4? Is this correct?

V4 CAT works fine with my Icom 7000 and 706. And most all newer Icom radios use the same settings - except address (which is unique for each model). Check the 756 set mode menu to be sure; address might be changed from original value. Whatever address is in 756 radio set mode menu must be entered in the in V4 radio setting.

Check V4 setup radio settings:

1) V4 Radio "select model" should be "Icom amateur radios"

2) Icom address box entry must match your radio.

3) Com port must match your interface box or CIV cable.

4) Com port speed. Try 9600 or 19,200. Icom is usually auto-baud.

5) DTR/RTS settings depend on your interface box. My home brew interface requires DTR on and RTS off.

For PTT the "CI-V" setting should work with 756

To verify if your CAT works. Enter a few different frequencies in your log table (left side of chat screen). Click on one freq and then another. Radio should follow.

Good luck, Chris ZL1BOE

1853. Re: V4Chat Update 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-12 08:19:39 UTC
From: Bob Thornton
Topic: 1840 Message: 1853

Correction, In all probability my CAT was not keying the radio after the install, I later found that I had "Digi Vox" left engaged from testing another mode. But glad that this was resolved. Loking forward to proper testing.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "Bob Thornton" <bob.thornton@...> wrote:
>
> After install it appeared to work fine keying TX via CAT, but I noticed it was using FSK for the CWID. So I delved into Radio Setup and found settings appeared to have defaulted. Now restored and CWID back to normal. I had not upgraded to 0.5.3.0 and was at 0.5.2.2 (the patch). Anyway not a real problem but I don't recall a problem with any previous upgrade.
>
> Bob
>
> G3WKW
>
>
> --- In V4Protocol@yahoogroups.com, "Fred G -w1wyc" <f_garside@> wrote:
> >
> > Hiya Rick,
> >
> > I downloaded 0.6.0.0 and installed it.
> > It was a little scary when I tried it and there was no transmilt.
> > I found I had to get into setup and redo the radio setup.
> > But all appears ok after doing that.
> >
> > I noticed this morning that when I looked at the exception file that autoupdate
> > didn't work but I guess you are aware of it and it'll be fixed. At first I thought
> > I had a problem but I'll wait for email saying "All is well" then I'll look into my
> > problem if I have one.
> >
> > 73,
> > Fred, W1WYC
> >
> >
> > ----- Original Message -----
> > From: kn6kb
> > To: V4Protocol@yahoogroups.com
> > Sent: Sunday, September 11, 2011 2:50 PM
> > Subject: [V4Protocol] V4Chat Update 0.6.0.0
> >
> >
> >

> > All,
> > This is a significant update but should still be compatible with prior versions after 0.5. There have been significnt changes in the V4Chat GUI and main menu line. Please read the help at least in the sections that describe the V4Chat main menu.
> >
> > There is some sort of issue with the HTTP auto update server which we are trying to resolve. I compiled this version to use the FTP autoupdate server (uses FTP port 8777) but that will not help those with 0.5.3.0 autoupdate to this version. So at least this time you will have to uninstall, reinstall using the same procedure as the past. No settings will be lost.
> >
> > Let's flush out any remaing bugs (I think I have all those reported fixed) in this prior to doing any more GUI tweaks. I think you'll find this GUI and use of the session text box much better.
> >
> > Good luck,
> >
> > Rick Muething, KN6KB
> >
> > V4 Chat Revision History
> >
> > Date: Rev Change Summary
> >
> > Sept 10, 2011 0.6.0.0 Beta release of 0.5.3.1
> >
> > Sept 6, 2011 0.5.3.1 Checked auto update and made cleanup of logging and prevention of close during update.
> > Added OB Queue label to V4Chat main window based on BUFFER reports from V4 TNC.
> > Added Tx and Rx throughput calculations (~1 minute rolling avg) and throughput progress bar.
> > Modified menu line to move some items to "File dropdown" section to make room for progress bar.
> > Fixed problem in UpdateSessionDisplay that cause permanent error after a right click clear of the session window.
> > Added mechanism to display Data as sent (FEC mode) adn Data as ACKed (ARQ mode) (blue italic text in Session RTB)
> > Fixed bug in "Paste and Send" function where data was not being shown on the Keyboard RTB
> > Made modifications in UpdateSessionDisplay to insure Status and Alerts are always on a separate line.
> > Updated Help
> >
> > V4 TNC Revision History
> >
> > Date Rev # Summary ofChanges
> >
> > Sept 10, 2011 0.6.0.0 Beta release of 0.5.3.1
> >
> > Sept 7, 2011 0.5.3.1 Added Send of BUFFER command whenever OB Queue display value is updated (allows V4 Chat to monitor buffer)

> > Added mechanism for "Echo as Sent" allowing host applicaiton to display transmitted data as sent (FEC mode) or
> > as ACKed (ARQ mode).
> > Added "SC Cal offset" to ini file for AR if < 2012
> > Fixed problem where clear of OB Queue was not being reported on timouts and aborts.
> >
>

1854. Re: [V4Protocol] Re: V4Chat Update 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-12 12:29:09 UTC
From: Rick Westerfield
Topic: 1840 Message: 1854

This is very good advice. When I first acquired my used 746, I also had this kind of difficulty. Somebody had changed the radio's hex address to something other than 56H, the normal factory address.

Rick KH2DF

Sent from my iPhone

On Sep 11, 2011, at 10:15 PM, "Chris" <cbmuir@...> wrote:

> Hello Steinar,
>
> You wrote:
>
> >
> > The CAT is still not working with my ic-756proIII
> >
> > la5vna Steinar
> >
>
> As I understand it, you have NEVER had the 756 working with V4? Is this correct?
>
> V4 CAT works fine with my Icom 7000 and 706. And most all newer Icom radios use the same settings - except address (which is unique for each model). Check the 756 set mode menu to be sure; address might be changed from original value. Whatever address is in 756 radio set mode menu must be entered in the in V4 radio setting.
>
> Check V4 setup radio settings:
>
> 1) V4 Radio "select model" should be "Icom amateur radios"
>
> 2) Icom address box entry must match your radio.
>
> 3) Com port must match your interface box or CIV cable.
>
> 4) Com port speed. Try 9600 or 19,200. Icom is usually auto-baud.
>
> 5) DTR/RTS settings depend on your interface box. My home brew interface requires DTR on and RTS off.
>
> For PTT the "CI-V" setting should work with 756
>
> To verify if your CAT works. Enter a few different frequencies in your log table (left side of chat screen). Click on one freq and then another. Radio should follow.
>
> Good luck, Chris ZL1BOE

>
>

1855. Re: [V4Protocol] Re: Ron - you have a Winner!

Yahoo group: V4Protocol
Date: 2011-09-12 13:27:28 UTC
From: Rick Muething
Topic: 1849 Message: 1855

Ian,
You can listen to an ongoing ARQ or FEC transmission or QSO in either FEC mode or ARQ (if unconnected of course). So most of the time you can just use ARQ mode unless you actually want to SEND an FEC (unconnected) transmission. Full duplex means that (in FEC mode) it is possible to send and receive at the same time (at least the audio). Most Radio hookups of course can’t operate full duplex especially on HF.

If you are having marginal copy try setting the squelch lower (say 3 or 4). It will be more sensitive but will also show some “open” printing since on FEC mode (or monitoring with ARQ) you don’t have the extended sync of the session ID in a normal connected ARQ connection.

Rick KN6KB

1856. V4 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-12 14:56:24 UTC
From: k1dow_4
Topic: 1856 Message: 1856

Running great here. Thanks for the fine tweaks to the GUI, Rick! Everyone is pleased as you can see. :-)

I know that you now want to concentrate on any possible further debugging regarding the V4 protocol, but please consider this one last request regarding the GUI. I (and some of my QSO partners) have found that it's possible to end up with your cursor out of the TX data box you need to type in when in a QSO. Pretty frustrating if you have to peer at your keyboard to type and then look up to find that what you thought you typed in the TX box is not there because the cursor is (most likely) up in the RX box. My request is that the cursor be made to jump back in the TX dialog box as soon as you strike a key on the keyboard to begin your dialog. That way no more "out of the box" typing. I hope I was able to present this anomaly clearly..

Regarding the V4 protocol, the only thing I notice that i would question is that I do great as the ISS but there seems to be a considerable amount of negotiation by the V4 controller before the other station takes over as ISS, even when I signal that I wish to be the IRS by sending a "K". This could all be because my QSO partner doesn't have anything typed into his TX buffer ready to send, however. Just mentioning it, in case this "could be" a bit of a issue. That's it. Carry on with the excellent job, Rick!

73/Russ
K1DOW
Arcadia, FL

1857. Re: V4 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-12 15:53:57 UTC
From: Robert Belize
Topic: 1856 Message: 1857

Hi All, Rick...

.....I agree with Russ... The cursor jumps out of the TX window- for no reason to me - into the RX window...

I had good contacts to VK... It's getting better!!!!!

Who else has a jumping cursor??

Robert V31AE

-.-.-.-.-.-.-.-

--- In V4Protocol@yahoogroups.com, "k1dow_4" <russtower@...> wrote:
>
> Running great here. Thanks for the fine tweaks to the GUI, Rick! Everyone is pleased as you can see. :-)
>
> I know that you now want to concentrate on any possible further debugging regarding the V4 protocol, but please consider this one last request regarding the GUI. I (and some of my QSO partners) have found that it's possible to end up with your cursor out of the TX data box you need to type in when in a QSO. Pretty frustrating if you have to peer at your keyboard to type and then look up to find that what you thought you typed in the TX box is not there because the cursor is (most likely) up in the RX box. My request is that the cursor be made to jump back in the TX dialog box as soon as you strike a key on the keyboard to begin your dialog. That way no more "out of the box" typing. I hope I was able to present this anomaly clearly..
>
> Regarding the V4 protocol, the only thing I notice that i would question is that I do great as the ISS but there seems to be a considerable amount of negotiation by the V4 controller before the other station takes over as ISS, even when I signal that I wish to be the IRS by sending a "K". This could all be because my QSO partner doesn't have anything typed into his TX buffer ready to send, however. Just mentioning it, in case this "could be" a bit of a issue. That's it. Carry on with the excellent job, Rick!
>
> 73/Russ
> K1DOW
> Arcadia, FL
>

1858. Re: [V4Protocol] V4 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-12 17:22:56 UTC
From: Rick Muething
Topic: 1856 Message: 1858

Russ,All

I'll look into the jumping cursor....I didn't notice that all all here on my tests.

Re switchover from ISS to IRS. What you type in the ISS Keyboard has nothing to do with the speed or action of the ISS>IRS switchover.
It will switch over automatically WHEN:
1) There is no more data pending in the ISS outbound queue (ISS OB Queue is 0)
2) The ISS has sent a short IDL frame (it repeats this if necessary as long as the OB queue is 0.)
3) The IRS has something to send...e.g. IT'S OB queue is NOT empty
4) The ISS receives the IDL from the IRS in response to its sent IDL indicating the IRS has something to send.
5) The IRS finally receives the ACK from the ISS in response to its IDL indicating the sequence has completed.

If the link is decent (IDLs and ACKs are pretty robust) and the IRS has data to send this whole IRS<>ISS exchange takes about 3 seconds. (ISS IDL, IRS IDL, ISS ACK). That seems complex but it is absolutely necessary to INSURE both stations never become the ISS or the IRS. As ISS if the IRS has no data to send you can send K, BTU, OVER or whatever until the cows come home but it won't switch.

One thing people sometimes don't grasp is that as IRS you can go ahead and type text and enter it to the IRS outbound queue waiting for that IDL signaling the ISS has finished. You don't have to wait until you become the ISS to start typing.

This all takes a bit of practice but the new format of Echo as Sent/ACKed will allow the sender to know exactly what has been sent to and received by the other station much better.

Rick KN6KB

1859. V4 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-12 17:40:58 UTC
From: John Wiseman
Topic: 1856 Message: 1859

Rick,

Is there a new spec for the V4 TNC? The latest on Yahoo is dated June, and there have been a few changes since then.

Thanks,

John G8BPQ

1860. Re: [V4Protocol] V4 and AVG

Yahoo group: V4Protocol
Date: 2011-09-12 17:42:45 UTC
From: wb0kgn@q.com
Topic: 1809 Message: 1860

I use AVAST...yet another freebie. It does want to open any program that features automatic updates in a "Digital Sandbox" for added protection. But you don't have to do that

----- Original Message -----
From: "Ed Woods WD9DVA" <wd9dva@...>
To: V4Protocol@yahoogroups.com
Sent: Friday, September 9, 2011 6:04:00 PM
Subject: Re: [V4Protocol] V4 and AVG

Tnx, this is the 1st we knew of it. 73 Ed WD9DVA

----- Original Message -----
From: R. Ian Renton
To: V4Protocol@yahoogroups.com
Sent: Friday, September 09, 2011 21:43
Subject: Re: [V4Protocol] V4 and AVG

Ed:

Do a Google search for AVG. It is an antivirus program. One version, though limited in function, is a free package and has worked quite well for me for many years.

73
Ian
W4RIR

On Fri, Sep 9, 2011 at 4:45 PM, Ed Woods WD9DVA < wd9dva@... > wrote:

I'm using Bullguard on a trial and besides V4 it wants to know abt other programs as well, when bringing them on. 73 Ed WD9DVA

----- Original Message -----
From: Paul
To: V4Protocol@yahoogroups.com

Sent: Friday, September 09, 2011 18:41
Subject: [V4Protocol] V4 and AVG

It seems that AVG doesn't like the V4 program. I got a virus alert today with it. I'm sure it's a false positive but what in it would do this?

Also just worked SV1UY from FN75cm. Although conditions were pretty terrible.

Paul
VE9NC

1861. Re: [V4Protocol] V4 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-12 17:57:15 UTC
From: Rick Muething
Topic: 1856 Message: 1861
Attachments: 2 described; binary payloads are missing from this source WARC

John,

I just updated this yesterday (same data different formats) and will upload to the web site with a full programmers package (including all the necessary dlls) in the next day or so. The protocol spec still needs some work but this should be good enough to use the V4 TNC. Very similar to the WINMOR TNC in terms of interface...but of course commands are different. One nice addition is the Echo as sent feature which allows you to see/display the data as ACKed (ARQ Mode) or Sent (FEC mode).

Let me know if you have questions or if you find errors in the documentation.

Rick KN6KB

From: John Wiseman
Sent: Monday, September 12, 2011 1:40 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 0.6.0.0

Rick,

Is there a new spec for the V4 TNC? The latest on Yahoo is dated June, and there have been a few changes since then.

Thanks,

John G8BPQ

1862. Re: V4 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-12 21:05:22 UTC
From: Chris
Topic: 1856 Message: 1862

Hi Rick,

You wrote:
<snip>
> Re switchover from ISS to IRS. What you type in the ISS Keyboard has nothing to do with the speed or action of the ISS>IRS switchover.
> It will switch over automatically WHEN:
> 1) There is no more data pending in the ISS outbound queue (ISS OB Queue is 0)
> 2) The ISS has sent a short IDL frame (it repeats this if necessary as long as the OB queue is 0.)
> 3) The IRS has something to send...e.g. ITâ☐☐S OB queue is NOT empty
> 4) The ISS receives the IDL from the IRS in response to its sent IDL indicating the IRS has something to send.
> 5) The IRS finally receives the ACK from the ISS in response to its IDL indicating the sequence has completed.
>
> If the link is decent (IDLs and ACKs are pretty robust) and the IRS has data to send this whole IRS<>ISS exchange takes about 3 seconds. (ISS IDL, IRS IDL, ISS ACK). That seems complex but it is absolutely necessary to INSURE both stations never become the ISS or the IRS. As ISS if the IRS has no data to send you can send K, BTU, OVER or whatever until the cows come home but it wonâ☐☐t switch.
>
> One thing people sometimes donâ☐☐t grasp is that as IRS you can go ahead and type text and enter it to the IRS outbound queue waiting for that IDL signaling the ISS has finished. You donâ☐☐t have to wait until you become the ISS to start typing.
<snip>

Rick, your explanation about link turn-around was most helpful. However, it would be useful to know how long the turn-around might take when the link is NOT so decent? Does this situation not enhance the case to include a +? command to force the link around without all those checks needing to be done? It's use would be at ISS discretion.

You encourage the IRS to go ahead and enter some text into the IRS outbound queue but sometimes what one enters may be made irrelevant by what the ISS types next. Line "whats your name BTU" and the IRS then gives his name. So the IRS may sometimes prefer not to do this. Or omit to use sp/sp to get his reply into the buffer. In Amtor using the +? was a good way to prompt the newly elected ISS that the 'ball was now in his court' so to speak.

Having said all that I was absolutely delighted yesterday to make a perfect link with Robert V31AE in Belize. Under very marginal band conditions and with a station and antenna at my end that is normally hardly marginal for long haul even with the band wide open! I am sold!

73, Chris ZL1BOE

1863. Re: [V4Protocol] Re: V4 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-12 21:23:16 UTC
From: Rick Muething
Topic: 1856 Message: 1863

Chris,
The use of a +? Over or any other command would actually be slower. For one thing the current ACK and IDL used are the shortest possible frames (no data...just a specific sync signal and session ID.... a total of 8 symbols + leader). There is some timing buffer on either side of these Sync frames which are necessary to accommodate all the possibilities in 2) below.

Also when ever you say “send something from the IRS” you must remember:
1) The IRS is only normally ACKing or NAKing and that is what the ISS is expecting...You can’t arbitrarily stick in a data frame (longer) from the IRS or you run the very real possibility of a “double” (both the IRS and the ISS transmitting at the same time...no one is listening! and a sure way to kill the link.
2) When you think of something like a IRS<>ISS switchover you ABSOLUTELY MUST accommodate all possibilities of missed frames:
What if the IRS missed the ISS IDL?
What if the ISS missed the IRSs ACK?
What if the ISS missed the IRS IDL (or other request for OVER)
What if the IRS missed the response from the ISS in response to the request for over?

You MUST accommodate all of these possibilities no matter how remote ...they will all happen in time and if not designed correctly you end up with two ISS or two IRS and then the link is essentially lost. A very similar type of mechanism is done in WINMOR and it works and works reliably.

To answer your question on what if the link is poor...well certainly it could take more time...instead of the exchange of 3 short frames (e.g. ISS IDL, IRS IDL, ISS ACK) you might have to repeat some of those multiple times...but remember these are the shortest and most reliable frames...they contain no data only very strong FEC frame type and Session ID info. If they can’t get through with a few repeats you don’t have enough propagation to run the link...and you’ll probably never be able to get data through.

While I don’t have much experience with AMTOR, Pactor uses some similar types of changeovers but even Pactor can get hung (and the link rendered useless) if there is a synchronization issue with the IRS<>ISS changeover.

This is the crux and the real challenge of making a bullet proof protocol and unfortunately there are no shortcuts and simple answers.

Rick KN6KB

From: Chris
Sent: Monday, September 12, 2011 5:05 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: V4 0.6.0.0

Hi Rick,

You wrote:
<snip>
> Re switchover from ISS to IRS. What you type in the ISS Keyboard has nothing to do with the speed or action of the ISS>IRS switchover.
> It will switch over automatically WHEN:
> 1) There is no more data pending in the ISS outbound queue (ISS OB Queue is 0)
> 2) The ISS has sent a short IDL frame (it repeats this if necessary as long as the OB queue is 0.)
> 3) The IRS has something to send...e.g. ITâ☐☐S OB queue is NOT empty
> 4) The ISS receives the IDL from the IRS in response to its sent IDL indicating the IRS has something to send.
> 5) The IRS finally receives the ACK from the ISS in response to its IDL indicating the sequence has completed.
>
> If the link is decent (IDLs and ACKs are pretty robust) and the IRS has data to send this whole IRS<>ISS exchange takes about 3 seconds. (ISS IDL, IRS IDL, ISS ACK). That seems complex but it is absolutely necessary to INSURE both stations never become the ISS or the IRS. As ISS if the IRS has no data to send you can send K, BTU, OVER or whatever until the cows come home but it wonâ☐☐t switch.
>
> One thing people sometimes donâ☐☐t grasp is that as IRS you can go ahead and type text and enter it to the IRS outbound queue waiting for that IDL signaling the ISS has finished. You donâ☐☐t have to wait until you become the ISS to start typing.
<snip>

Rick, your explanation about link turn-around was most helpful. However, it would be useful to know how long the turn-around might take when the link is NOT so decent? Does this situation not enhance the case to include a +? command to force the link around without all those checks needing to be done? It's use would be at ISS discretion.

You encourage the IRS to go ahead and enter some text into the IRS outbound queue but sometimes what one enters may be made irrelevant by what the ISS types next. Line "whats your name BTU" and the IRS then gives his name. So the IRS may sometimes prefer not to do this. Or omit to use sp/sp to get his reply into the buffer. In Amtor using the +? was a good way to prompt the newly elected ISS that the 'ball was now in his court' so to speak.

Having said all that I was absolutely delighted yesterday to make a perfect link with Robert V31AE in Belize. Under very marginal band conditions and with a station and antenna at my end that is normally hardly marginal for long haul even with the band wide open! I am sold!

73, Chris ZL1BOE

1864. Re: V4 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-12 22:05:34 UTC
From: k1dow_4
Topic: 1856 Message: 1864

Thanks Rick,
I think you hit on the answer for what sometimes seems like a long delay in becoming the IRS when I have finished what I have to say and am waiting for my QSO partner to become the ISS. I too suspect that some don't realize that they can type ahead while receiving and have it ready to go out as soon as they become the ISS. The delay I sometimes experience in waiting for his data to start to arrive is probably do to the fact that he has not typed anything ahead to send when I stop sending and only then begins to type something which will not be sent until he puts it into the TX buffer.
73/Russ

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...>
wrote:
>
> Russ,All
>
> Iâ□□ll look into the jumping cursor....I didnâ□□t notice
that all all here on my tests.
>
> Re switchover from ISS to IRS. What you type in the ISS Keyboard has
nothing to do with the speed or action of the ISS>IRS switchover.
> It will switch over automatically WHEN:
> 1) There is no more data pending in the ISS outbound queue (ISS OB
Queue is 0)
> 2) The ISS has sent a short IDL frame (it repeats this if necessary as
long as the OB queue is 0.)
> 3) The IRS has something to send...e.g. ITâ□□S OB queue is NOT
empty
> 4) The ISS receives the IDL from the IRS in response to its sent IDL
indicating the IRS has something to send.
> 5) The IRS finally receives the ACK from the ISS in response to its
IDL indicating the sequence has completed.
>
> If the link is decent (IDLs and ACKs are pretty robust) and the IRS
has data to send this whole IRS<>ISS exchange takes about 3 seconds.
(ISS IDL, IRS IDL, ISS ACK). That seems complex but it is absolutely
necessary to INSURE both stations never become the ISS or the IRS. As
ISS if the IRS has no data to send you can send K, BTU, OVER or whatever
until the cows come home but it wonâ□□t switch.
>
> One thing people sometimes donâ□□t grasp is that as IRS you can
go ahead and type text and enter it to the IRS outbound queue waiting
for that IDL signaling the ISS has finished. You donâ□□t have to

wait until you become the ISS to start typing.
>
> This all takes a bit of practice but the new format of Echo as
Sent/ACKed will allow the sender to know exactly what has been sent to
and received by the other station much better.
>
> Rick KN6KB
>

1865. Re: [V4Protocol] V4 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-12 23:44:03 UTC
From: Rick Muething
Topic: 1856 Message: 1865

Russ,

I have been trying to duplicate the reported problem of the “jumping” cursor and can’t. There must be a cursor (and only one cursor) at any time. It should (and at least on my tests) appears to stay where you put it. If however you move the mouse around to the Session text box or the mini log or even to another application and click the cursor will be there and you will not be able to type data into the Keyboard text box until you move the mouse there and click (putting the cursor there). Remember you can’t type into text that has already been committed to the outbound queue (dark gray text) ...you can only type at the end of the keyboard text box or inside any blue italic type...Gray type should be considered “gone”...although it still may be sitting in the outbound queue.

If you are having a problem describe it in detail. How does the cursor leave the Keyboard box? Is it some action of yours (mouse action)? Is it another application stealing “focus”? Once you start a QSO you should not have to move the cursor out of the keyboard text box unless you need to interact with some other program, update the mini log etc.

There are many ways of grabbing the focus and putting the cursor back to a specific spot (e.g. on a link turnover) but most users would find that annoying...what if I am checking mail, or editing a text document or ???

I need some specific details on what is happening and when.

We can tweak these finer points of GUI but it is also important to obey the common rules about cursors, cut, paste etc. that most of us are used to.

Rick KN6KB

From: k1dow_4
Sent: Monday, September 12, 2011 10:56 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 0.6.0.0

Running great here. Thanks for the fine tweaks to the GUI, Rick! Everyone is pleased as you can see. :-)

I know that you now want to concentrate on any possible further debugging regarding the V4 protocol, but please consider this one last request regarding the GUI. I (and some of my QSO partners) have found that it's possible to end up with your cursor out of the TX data box you need to type in when in a QSO. Pretty frustrating if you have to peer at your keyboard to type and then look up to find that what you thought you typed in the TX box is not there because the cursor is (most likely) up in the RX box. My request is that the cursor be made to jump back in the TX dialog box as soon as you strike a key on the keyboard to begin your dialog. That way no more "out of the box" typing. I hope I was able to present this anomaly clearly..

Regarding the V4 protocol, the only thing I notice that i would question is that I do great as the ISS but there seems to be a considerable amount of negotiation by the V4 controller before the other station takes over as ISS, even when I signal that I wish to be the IRS by sending a "K". This could all be because my QSO partner doesn't have anything typed into his TX buffer ready to send, however. Just mentioning it, in case this "could be" a bit of a issue. That's it. Carry on with the excellent job, Rick!

73/Russ
K1DOW
Arcadia, FL

1866. Re: [V4Protocol] Re: V4 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-12 23:58:25 UTC
From: Ed Woods WD9DVA
Topic: 1856 Message: 1866

Rick your the best. In my shape don't think it will happen, but if ever, I'll buy whatever your drinking. Just completed a qso with Lee (Rockwell TX) on 14073. He was hitting some 100's on the score (prop is good finally) with some great db scores as well. It all went well. In my book "if it aint broken dont mess with it". V4 ain't broken. If anyone wants to see other goodies, tell them to join the party, but in another room. You got it knocked. 73 Ed WD9DVA
----- Original Message -----
From: k1dow_4
To: V4Protocol@yahoogroups.com
Sent: Monday, September 12, 2011 22:05
Subject: [V4Protocol] Re: V4 0.6.0.0

Thanks Rick,

I think you hit on the answer for what sometimes seems like a long delay in becoming the IRS when I have finished what I have to say and am waiting for my QSO partner to become the ISS. I too suspect that some don't realize that they can type ahead while receiving and have it ready to go out as soon as they become the ISS. The delay I sometimes experience in waiting for his data to start to arrive is probably do to the fact that he has not typed anything ahead to send when I stop sending and only then begins to type something which will not be sent until he puts it into the TX buffer.

73/Russ

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Russ,All
>
> Iâ?Tll look into the jumping cursor....I didnâ?Tt notice that all all here on my tests.
>
> Re switchover from ISS to IRS. What you type in the ISS Keyboard has nothing to do with the speed or action of the ISS>IRS switchover.
> It will switch over automatically WHEN:
> 1) There is no more data pending in the ISS outbound queue (ISS OB Queue is 0)
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> 3) The IRS has something to send...e.g. ITâ?TS OB queue is NOT empty
> 4) The ISS receives the IDL from the IRS in response to its sent IDL indicating the IRS has something to send.
> 5) The IRS finally receives the ACK from the ISS in response to its IDL indicating the sequence has completed.
>
> If the link is decent (IDLs and ACKs are pretty robust) and the IRS has data to send this whole IRS<>ISS exchange takes about 3 seconds. (ISS IDL, IRS IDL, ISS ACK). That seems complex but it is absolutely necessary to INSURE both stations never become the ISS or the IRS. As ISS if the IRS has no data to send you can send K, BTU, OVER or whatever until the

cows come home but it wonâ?Tt switch.
>
> One thing people sometimes donâ?Tt grasp is that as IRS you can go ahead and type text and enter it to the IRS outbound queue waiting for that IDL signaling the ISS has finished. You donâ?Tt have to wait until you become the ISS to start typing.
>
> This all takes a bit of practice but the new format of Echo as Sent/ACKed will allow the sender to know exactly what has been sent to and received by the other station much better.
>
> Rick KN6KB
>

1867. Re: [V4Protocol] Re: V4 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-13 00:10:43 UTC
From: Ed Woods WD9DVA
Topic: 1856 Message: 1867

Folks prop & QRM also plays a part in the delay. Mother nature, has a way of running the show. Enjoy 73 Ed WD9DVA
----- Original Message -----
From: k1dow_4
To: V4Protocol@yahoogroups.com
Sent: Monday, September 12, 2011 22:05
Subject: [V4Protocol] Re: V4 0.6.0.0

Thanks Rick,

I think you hit on the answer for what sometimes seems like a long delay in becoming the IRS when I have finished what I have to say and am waiting for my QSO partner to become the ISS. I too suspect that some don't realize that they can type ahead while receiving and have it ready to go out as soon as they become the ISS. The delay I sometimes experience in waiting for his data to start to arrive is probably do to the fact that he has not typed anything ahead to send when I stop sending and only then begins to type something which will not be sent until he puts it into the TX buffer.

73/Russ

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Russ,All
>
> Iâ?Tll look into the jumping cursor....I didnâ?Tt notice that all all here on my tests.
>
> Re switchover from ISS to IRS. What you type in the ISS Keyboard has nothing to do with the speed or action of the ISS>IRS switchover.
> It will switch over automatically WHEN:
> 1) There is no more data pending in the ISS outbound queue (ISS OB Queue is 0)
> 2) The ISS has sent a short IDL frame (it repeats this if necessary as long as the OB queue is 0.)
> 3) The IRS has something to send...e.g. ITâ?TS OB queue is NOT empty
> 4) The ISS receives the IDL from the IRS in response to its sent IDL indicating the IRS has something to send.
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> If the link is decent (IDLs and ACKs are pretty robust) and the IRS has data to send this whole IRS<>ISS exchange takes about 3 seconds. (ISS IDL, IRS IDL, ISS ACK). That seems complex but it is absolutely necessary to INSURE both stations never become the ISS or the IRS. As ISS if the IRS has no data to send you can send K, BTU, OVER or whatever until the cows come home but it wonâ?Tt switch.
>
> One thing people sometimes donâ?Tt grasp is that as IRS you can go ahead and type text and enter it to the IRS outbound queue waiting for that IDL signaling the ISS has finished.

You donâ?Tt have to wait until you become the ISS to start typing.
>
> This all takes a bit of practice but the new format of Echo as Sent/ACKed will allow the sender to know exactly what has been sent to and received by the other station much better.
>
> Rick KN6KB
>

1868. Re: [V4Protocol] V4 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-13 00:26:39 UTC
From: Rick Westerfield
Topic: 1856 Message: 1868

Could it be RF getting into the mouse cursor? I had to put a toroid on my mouse cable for RMS Express and have had no issues since. Mine was not a jumping cursor. RF knocked my mouse out completely.

Rick KH2DF

Sent from my iPhone

On Sep 12, 2011, at 6:44 PM, "Rick Muething" <rmuething@...> wrote:

> Russ,
>
> I have been trying to duplicate the reported problem of the “jumping” cursor and can’t. There must be a cursor (and only one cursor) at any time. It should (and at least on my tests) appears to stay where you put it. If however you move the mouse around to the Session text box or the mini log or even to another application and click the cursor will be there and you will not be able to type data into the Keyboard text box until you move the mouse there and click (putting the cursor there). Remember you can’t type into text that has already been committed to the outbound queue (dark gray text) ...you can only type at the end of the keyboard text box or inside any blue italic type...Gray type should be considered “gone”...although it still may be sitting in the outbound queue.
>
> If you are having a problem describe it in detail. How does the cursor leave the Keyboard box? Is it some action of yours (mouse action)? Is it another application stealing “focus”?
> Once you start a QSO you should not have to move the cursor out of the keyboard text box unless you need to interact with some other program, update the mini log etc.
>
> There are many ways of grabbing the focus and putting the cursor back to a specific spot (e.g. on a link turnover) but most users would find that annoying...what if I am checking mail, or editing a text document or ???
>
> I need some specific details on what is happening and when.
>
> We can tweak these finer points of GUI but it is also important to obey the common rules about cursors, cut, paste etc. that most of us are used to.
>
> Rick KN6KB
>
>
>
> From: k1dow_4
> Sent: Monday, September 12, 2011 10:56 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] V4 0.6.0.0
>
>

> Running great here. Thanks for the fine tweaks to the GUI, Rick! Everyone is pleased as you can see. :-)
>
> I know that you now want to concentrate on any possible further debugging regarding the V4 protocol, but please consider this one last request regarding the GUI. I (and some of my QSO partners) have found that it's possible to end up with your cursor out of the TX data box you need to type in when in a QSO. Pretty frustrating if you have to peer at your keyboard to type and then look up to find that what you thought you typed in the TX box is not there because the cursor is (most likely) up in the RX box. My request is that the cursor be made to jump back in the TX dialog box as soon as you strike a key on the keyboard to begin your dialog. That way no more "out of the box" typing. I hope I was able to present this anomaly clearly..
>
> Regarding the V4 protocol, the only thing I notice that i would question is that I do great as the ISS but there seems to be a considerable amount of negotiation by the V4 controller before the other station takes over as ISS, even when I signal that I wish to be the IRS by sending a "K". This could all be because my QSO partner doesn't have anything typed into his TX buffer ready to send, however. Just mentioning it, in case this "could be" a bit of a issue. That's it. Carry on with the excellent job, Rick!
>
> 73/Russ
> K1DOW
> Arcadia, FL
>
>
>
>

1869. Re: V4 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-13 01:19:03 UTC
From: k1dow_4
Topic: 1856 Message: 1869

Rick,
In retrospect, after reading your comments, I think that the cursor ending up in an area other than the TX window during a QSO is really an operator error as opposed to a fault in the functioning of GUI. It seems that I (and those of us that must keep our eyes on the keyboard when typing) will just have to make certain the cursor is in the TX window when we type.
Thanks for your input on this..
73/Russ

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...>
wrote:
>
> Russ,
>
> I have been trying to duplicate the reported problem of the
â□□jumpingâ□□ cursor and canâ□□t. There must be a cursor
(and only one cursor) at any time. It should (and at least on my tests)
appears to stay where you put it. If however you move the mouse around
to the Session text box or the mini log or even to another application
and click the cursor will be there and you will not be able to type data
into the Keyboard text box until you move the mouse there and click
(putting the cursor there). Remember you canâ□□t type into text
that has already been committed to the outbound queue (dark gray text)
...you can only type at the end of the keyboard text box or inside any
blue italic type...Gray type should be considered
â□□goneâ□□...although it still may be sitting in the outbound
queue.
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> If you are having a problem describe it in detail. How does the
cursor leave the Keyboard box? Is it some action of yours (mouse
action)? Is it another application stealing â□□focusâ□□?
> Once you start a QSO you should not have to move the cursor out of the
keyboard text box unless you need to interact with some other program,
update the mini log etc.
>
> There are many ways of grabbing the focus and putting the cursor back
to a specific spot (e.g. on a link turnover) but most users would find
that annoying...what if I am checking mail, or editing a text document
or ???
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> I need some specific details on what is happening and when.
>
> We can tweak these finer points of GUI but it is also important to

obey the common rules about cursors, cut, paste etc. that most of us are used to.
>
> Rick KN6KB
>
>
>
> From: k1dow_4
> Sent: Monday, September 12, 2011 10:56 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] V4 0.6.0.0
>
>
> Running great here. Thanks for the fine tweaks to the GUI, Rick! Everyone is pleased as you can see. :-)
>
> I know that you now want to concentrate on any possible further debugging regarding the V4 protocol, but please consider this one last request regarding the GUI. I (and some of my QSO partners) have found that it's possible to end up with your cursor out of the TX data box you need to type in when in a QSO. Pretty frustrating if you have to peer at your keyboard to type and then look up to find that what you thought you typed in the TX box is not there because the cursor is (most likely) up in the RX box. My request is that the cursor be made to jump back in the TX dialog box as soon as you strike a key on the keyboard to begin your dialog. That way no more "out of the box" typing. I hope I was able to present this anomaly clearly..
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> Regarding the V4 protocol, the only thing I notice that i would question is that I do great as the ISS but there seems to be a considerable amount of negotiation by the V4 controller before the other station takes over as ISS, even when I signal that I wish to be the IRS by sending a "K". This could all be because my QSO partner doesn't have anything typed into his TX buffer ready to send, however. Just mentioning it, in case this "could be" a bit of a issue. That's it. Carry on with the excellent job, Rick!
>
> 73/Russ
> K1DOW
> Arcadia, FL
>

1870. Re: [V4Protocol] V4 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-13 00:00:04 UTC
From: Ron Wenig
Topic: 1856 Message: 1870

Rick,

I've noticed that when you are typing text to send and you start to
receive text the cursor will move to the top box from the bottom one.
If you aren't paying attention you will continue typing. You then have
to click the bottom box to finish the text you are going to send.

Ron ny3j

On 09/12/2011 07:44 PM, Rick Muething wrote:
>
> Russ,
> I have been trying to duplicate the reported problem of the "jumping"
> cursor and can't. There must be a cursor (and only one cursor) at any
> time. It should (and at least on my tests) appears to stay where you
> put it. If however you move the mouse around to the Session text box
> or the mini log or even to another application and click the cursor
> will be there and you will not be able to type data into the Keyboard
> text box until you move the mouse there and click (putting the cursor
> there). Remember you can't type into text that has already been
> committed to the outbound queue (dark gray text) ...you can only type
> at the end of the keyboard text box or inside any blue italic
> type...Gray type should be considered "gone"...although it still may
> be sitting in the outbound queue.
> If you are having a problem describe it in detail. How does the
> cursor leave the Keyboard box? Is it some action of yours (mouse
> action)? Is it another application stealing "focus"?
> Once you start a QSO you should not have to move the cursor out of the
> keyboard text box unless you need to interact with some other program,
> update the mini log etc.
> There are many ways of grabbing the focus and putting the cursor back
> to a specific spot (e.g. on a link turnover) but most users would find
> that annoying...what if I am checking mail, or editing a text document
> or ???
> I need some specific details on what is happening and when.
> We can tweak these finer points of GUI but it is also important to
> obey the common rules about cursors, cut, paste etc. that most of us
> are used to.
>
> Rick KN6KB
> *From:* k1dow_4 <mailto:russtower@...>
> *Sent:* Monday, September 12, 2011 10:56 AM
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Subject:* [V4Protocol] V4 0.6.0.0
>
> Running great here. Thanks for the fine tweaks to the GUI, Rick!

> Everyone is pleased as you can see. :-)
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> I know that you now want to concentrate on any possible further
> debugging regarding the V4 protocol, but please consider this one last
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> peer at your keyboard to type and then look up to find that what you
> thought you typed in the TX box is not there because the cursor is
> (most likely) up in the RX box. My request is that the cursor be made
> to jump back in the TX dialog box as soon as you strike a key on the
> keyboard to begin your dialog. That way no more "out of the box"
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> Regarding the V4 protocol, the only thing I notice that i would
> question is that I do great as the ISS but there seems to be a
> considerable amount of negotiation by the V4 controller before the
> other station takes over as ISS, even when I signal that I wish to be
> the IRS by sending a "K". This could all be because my QSO partner
> doesn't have anything typed into his TX buffer ready to send, however.
> Just mentioning it, in case this "could be" a bit of a issue. That's
> it. Carry on with the excellent job, Rick!
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> 73/Russ
> K1DOW
> Arcadia, FL
>
>
>

1871. Re: [V4Protocol] Re: V4 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-13 00:02:06 UTC
From: Ted Trostle
Topic: 1856 Message: 1871

Having been trying to use V4 Chat successfully from the very beginning, I believe V4 Chat has reached a very useful and functional level.

To question the IRS>ISS>IRS " how long the turn-around might take when the link is NOT so decent" is frankly an unfair question or expectation.

This V4 Chat Mode is NOT a perfect communication link...it is not a cell phone connection...it is not a high speed internet connection either. It is a radio communication protocol subject to propagation conditions, sideband interference, signal strength, antenna configurations and operator understanding of how it works.

When the link is "not so decent" is about the same when QSB sucks the life from a S9 +10 signal in the next 10 seconds...you cannot do much about it !!

Ted, WB2LOU

On Mon, Sep 12, 2011 at 5:05 PM, Chris <cbmuir@xtra.co.nz> wrote:

> **
>
>
> Hi Rick,
>
> You wrote:
> <snip>
> > Re switchover from ISS to IRS. What you type in the ISS Keyboard has
> nothing to do with the speed or action of the ISS>IRS switchover.
> > It will switch over automatically WHEN:
> > 1) There is no more data pending in the ISS outbound queue (ISS OB Queue
> is 0)
> > 2) The ISS has sent a short IDL frame (it repeats this if necessary as
> long as the OB queue is 0.)
> > 3) The IRS has something to send...e.g. ITâ€™S OB queue is NOT empty
> > 4) The ISS receives the IDL from the IRS in response to its sent IDL
> indicating the IRS has something to send.
> > 5) The IRS finally receives the ACK from the ISS in response to its IDL
> indicating the sequence has completed.
> >
> > If the link is decent (IDLs and ACKs are pretty robust) and the IRS has
> data to send this whole IRS<>ISS exchange takes about 3 seconds. (ISS IDL,
> IRS IDL, ISS ACK). That seems complex but it is absolutely necessary to
> INSURE both stations never become the ISS or the IRS. As ISS if the IRS has
> no data to send you can send K, BTU, OVER or whatever until the cows come
> home but it wonâ€™t switch.
> >

> > One thing people sometimes donâ€™t grasp is that as IRS you can go ahead
> and type text and enter it to the IRS outbound queue waiting for that IDL
> signaling the ISS has finished. You donâ€™t have to wait until you become
> the ISS to start typing.
> <snip>
>
> Rick, your explanation about link turn-around was most helpful. However, it
> would be useful to know how long the turn-around might take when the link is
> NOT so decent? Does this situation not enhance the case to include a +?
> command to force the link around without all those checks needing to be
> done? It's use would be at ISS discretion.
>
> You encourage the IRS to go ahead and enter some text into the IRS outbound
> queue but sometimes what one enters may be made irrelevant by what the ISS
> types next. Line "whats your name BTU" and the IRS then gives his name. So
> the IRS may sometimes prefer not to do this. Or omit to use sp/sp to get his
> reply into the buffer. In Amtor using the +? was a good way to prompt the
> newly elected ISS that the 'ball was now in his court' so to speak.
>
> Having said all that I was absolutely delighted yesterday to make a perfect
> link with Robert V31AE in Belize. Under very marginal band conditions and
> with a station and antenna at my end that is normally hardly marginal for
> long haul even with the band wide open! I am sold!
>
> 73, Chris ZL1BOE
>
>
>

1872. V4 v 0.6.0.0 Success

Yahoo group: V4Protocol
Date: 2011-09-13 09:01:23 UTC
From: mike.elaine@btinternet.com
Topic: 1872 Message: 1872

Hi Rick,

A bit of positive news for your. Just upgraded to V0.6.0.0 and the systems appears to be working very well indeed. I'm using an SB-2000 interface with an M-Audio Delta 44 soundcard driving a Yaesu FT-897 and a Butternut HF9V antenna.

This morning I made my best contact yet getting through to John, VK5PO in Lewiston Australia at 0845UTC (My location is Ringwood UK - IO90CU). I was running 50 watts and John reported a score of 90 with +15dB S/N. John's score with me was 70 with +5dB - those conditions gave near faultless communication. By the end of the QSO conditions had deteriorated and the link struggled when I got down to a score of 46 with the signal at -5dB.

Thanks for all your persistence and hard work to develop V4.

'73 Mike G4WNC

1873. VK5PO Heard in Edinburgh 09:14:41 20:09:13 calling DL1SWN

Yahoo group: V4Protocol
Date: 2011-09-13 09:43:49 UTC
From: gm4zqh
Topic: 1873 Message: 1873

There seems to be more and more life on 14.0730 throughout the day.
Lots of QSB this morning but occasionally hearing those now familiar tones.

John

1874. AW: [V4Protocol] V4 v 0.6.0.0 Success

Yahoo group: V4Protocol
Date: 2011-09-13 10:39:50 UTC
From: Siegfried Jackstien
Topic: 1872 Message: 1874

Congrats for that nice long distance qso
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von mike.elaine@...
> Gesendet: Dienstag, 13. September 2011 09:01
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] V4 v 0.6.0.0 Success
>
>
>
> Hi Rick,
>
> A bit of positive news for your. Just upgraded to V0.6.0.0 and the systems
> appears to be working very well indeed. I'm using an SB-2000 interface
> with an M-Audio Delta 44 soundcard driving a Yaesu FT-897 and a Butternut
> HF9V antenna.
>
> This morning I made my best contact yet getting through to John, VK5PO in
> Lewiston Australia at 0845UTC (My location is Ringwood UK - IO90CU). I was
> running 50 watts and John reported a score of 90 with +15dB S/N. John's
> score with me was 70 with +5dB - those conditions gave near faultless
> communication. By the end of the QSO conditions had deteriorated and the
> link struggled when I got down to a score of 46 with the signal at -5dB.
>
> Thanks for all your persistence and hard work to develop V4.
>
> '73 Mike G4WNC
>
>
>
>

1875. Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-13 12:38:40 UTC
From: k1dow_4
Topic: 1875 Message: 1875

Good morning Rick and all,

Now that activity is picking up considerably on 14.073, I wonder if it isn't time to spread out a bit when the frequency is busy and call CQ (or meet a sked) off the main calling frequency?

Keeping in mind the 200 Hz bandwidth of V4, how far up or down from the main calling frequency would be an appropriate distance to QSY?

I'm also interested in using other frequencies in the bands from 80 through 10 meters. Would 21.073 be a good spot as an example?

Any thoughts on this?

73/Russ
K1DOW
Arcadia, FL

1876. Re: [V4Protocol] V4 0.6.0.0

Yahoo group: V4Protocol
Date: 2011-09-13 12:52:26 UTC
From: Rick Muething
Topic: 1856 Message: 1876

Thanks Ron,

I'll take a look at that but I had a similar setup yesterday and did not see it. It could be an RF issue as someone mentioned.

Rick KN6KB

1877. Re: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-13 13:03:33 UTC
From: Curt Nixon
Topic: 1875 Message: 1877

THis is a good idea and can be done at will now. As long as I could hear it in the rx passband, it should be good.

How about a program mod that allows the system to select a center frequency in "channels" up and down the audio passband of the radio. SO..the GUI allows one to select the "channel" as 0 (14073) +1 (14073.150) +2 (14073.300) and also the -1 and -2 and so on? Not sure what the guard should be but Rick knows that for sure. THe software could also manage to QSY and or scan in that range on its own--even with a ARQ in progress. All possible..significant work to be sure, but we can envision it.

We are kind of wedged in between the PSK at 070 and the jt fols on 076..but that allows a lot of room. I can never figure out where the ALE and amtor stuff is going to be :).

I have gotten a lot of busted QSO's due to other V4 ops.

Anyway, just a thought.

Curt
KU8L

k1dow_4 wrote:
>
> Good morning Rick and all,
>
> Now that activity is picking up considerably on 14.073, I wonder if it
> isn't time to spread out a bit when the frequency is busy and call CQ
> (or meet a sked) off the main calling frequency?
>
> Keeping in mind the 200 Hz bandwidth of V4, how far up or down from
> the main calling frequency would be an appropriate distance to QSY?
>
> I'm also interested in using other frequencies in the bands from 80
> through 10 meters. Would 21.073 be a good spot as an example?
>
> Any thoughts on this?
>
> 73/Russ
> K1DOW
> Arcadia, FL
>
>

1878. Re: [V4Protocol] VK5PO Heard in Edinburgh 09:14:41 20:09:13 calling DL1SWN

Yahoo group: V4Protocol
Date: 2011-09-13 13:42:36 UTC
From: Ed Woods WD9DVA
Topic: 1873 Message: 1878

Hi, olde ma nature is trying to help (well sort of) SF=124 A=24 (not good) K=3 (that works) SF=97 (some flares today). Look at it this way 124 beats an 80, right? 73 Ed WD9DVA
----- Original Message -----
From: gm4zqh
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 13, 2011 09:43
Subject: [V4Protocol] VK5PO Heard in Edinburgh 09:14:41 20:09:13 calling DL1SWN

There seems to be more and more life on 14.0730 throughout the day.
Lots of QSB this morning but occasionally hearing those now familiar tones.

John

1879. Re: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-13 13:45:13 UTC
From: Ed Woods WD9DVA
Topic: 1875 Message: 1879

and what will be the price? Holy cow, I still have a VFO. Ed WD9DVA
----- Original Message -----
From: "Curt Nixon" <captcurt@...>
To: <V4Protocol@yahoogroups.com>
Sent: Tuesday, September 13, 2011 13:03
Subject: Re: [V4Protocol] Time to spread out a bit?

> THis is a good idea and can be done at will now. As long as I could hear
> it in the rx passband, it should be good.
>
> How about a program mod that allows the system to select a center
> frequency in "channels" up and down the audio passband of the radio.
> SO..the GUI allows one to select the "channel" as 0 (14073) +1
> (14073.150) +2 (14073.300) and also the -1 and -2 and so on? Not sure
> what the guard should be but Rick knows that for sure. THe software
> could also manage to QSY and or scan in that range on its own--even with
> a ARQ in progress. All possible..significant work to be sure, but we can
> envision it.
>
> We are kind of wedged in between the PSK at 070 and the jt fols on
> 076..but that allows a lot of room. I can never figure out where the ALE
> and amtor stuff is going to be :).
>
> I have gotten a lot of busted QSO's due to other V4 ops.
>
> Anyway, just a thought.
>
> Curt
> KU8L
>
> k1dow_4 wrote:
>>
>> Good morning Rick and all,
>>
>> Now that activity is picking up considerably on 14.073, I wonder if it
>> isn't time to spread out a bit when the frequency is busy and call CQ
>> (or meet a sked) off the main calling frequency?
>>
>> Keeping in mind the 200 Hz bandwidth of V4, how far up or down from
>> the main calling frequency would be an appropriate distance to QSY?
>>
>> I'm also interested in using other frequencies in the bands from 80
>> through 10 meters. Would 21.073 be a good spot as an example?
>>
>> Any thoughts on this?

>>
>> 73/Russ
>> K1DOW
>> Arcadia, FL
>>
>>
>
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> Yahoo! Groups Links
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1880. Re: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-13 13:53:06 UTC
From: Curt Nixon
Topic: 1875 Message: 1880

Hi Ed:

All software...not an expert at programming, but I suspect that this would not be too big a deal since the main program kernel is already there. The GUI for selection might be more difficult than the actual core...except for the automatic part :) Radio wise, nothing to change. just set the dial to 14073 just like now, the software adjusts the afsk to suit. A "discrete, channelized waterfall if you will.

Ed Woods WD9DVA wrote:
> and what will be the price? Holy cow, I still have a VFO. Ed WD9DVA
> ----- Original Message -----
> From: "Curt Nixon" <captcurt@...>
> To: <V4Protocol@yahoogroups.com>
> Sent: Tuesday, September 13, 2011 13:03
> Subject: Re: [V4Protocol] Time to spread out a bit?
>
>
>
>> THis is a good idea and can be done at will now. As long as I could hear
>> it in the rx passband, it should be good.
>>
>> How about a program mod that allows the system to select a center
>> frequency in "channels" up and down the audio passband of the radio.
>> SO..the GUI allows one to select the "channel" as 0 (14073) +1
>> (14073.150) +2 (14073.300) and also the -1 and -2 and so on? Not sure
>> what the guard should be but Rick knows that for sure. THe software
>> could also manage to QSY and or scan in that range on its own--even with
>> a ARQ in progress. All possible..significant work to be sure, but we can
>> envision it.
>>
>> We are kind of wedged in between the PSK at 070 and the jt fols on
>> 076..but that allows a lot of room. I can never figure out where the ALE
>> and amtor stuff is going to be :).
>>
>> I have gotten a lot of busted QSO's due to other V4 ops.
>>
>> Anyway, just a thought.
>>
>> Curt
>> KU8L
>>
>> k1dow_4 wrote:
>>
>>> Good morning Rick and all,

>>>
>>> Now that activity is picking up considerably on 14.073, I wonder if it
>>> isn't time to spread out a bit when the frequency is busy and call CQ
>>> (or meet a sked) off the main calling frequency?
>>>
>>> Keeping in mind the 200 Hz bandwidth of V4, how far up or down from
>>> the main calling frequency would be an appropriate distance to QSY?
>>>
>>> I'm also interested in using other frequencies in the bands from 80
>>> through 10 meters. Would 21.073 be a good spot as an example?
>>>
>>> Any thoughts on this?
>>>
>>> 73/Russ
>>> K1DOW
>>> Arcadia, FL
>>>
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>> Yahoo! Groups Links
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> Yahoo! Groups Links
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1881. 0.6.0.0 is now installed and heard VK5PO

Yahoo group: V4Protocol
Date: 2011-09-13 14:07:21 UTC
From: Juhani
Topic: 1881 Message: 1881

73 "Yussi" OH7TE in KP20ie Espoo FIN

1882. VK5PO<>OH7TE V4 chat

Yahoo group: V4Protocol
Date: 2011-09-13 14:25:20 UTC
From: Juhani
Topic: 1882 Message: 1882

Fb chat on 14073 by John VK5PO. Here antenna isd Offset Center Feeded Dipole only, abt 20ft up and 200W out. 73 Yussi OH7TE

1883. Re: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-13 14:29:34 UTC
From: Rick Muething
Topic: 1875 Message: 1883

Whoa guys!

>> How about a program mod that allows the system to select a center
>> frequency in "channels" up and down the audio passband of the radio.
>> SO..the GUI allows one to select the "channel" as 0 (14073) +1
>> (14073.150) +2 (14073.300) and also the -1 and -2 and so on? Not sure
>> what the guard should be but Rick knows that for sure. THe software
>> could also manage to QSY and or scan in that range on its own--even with
>> a ARQ in progress. All possible..significant work to be sure, but we can
>> envision it.

There is some small latitude in the center frequency since I am using Goertzel tone decoders (they don't require a power of 2 samples or integer "bins"). That is what allows tuning +/- 200 Hz. BUT there are many other filters involved that would have to be recalculated and changed with each significant change in center frequency. That is not something I want to even consider.

Also ...something I feel strongly about. This is a narrow band mode... It will work best when there is some selectivity (from the receiver and the built in DSP) AHEAD of all the decoding and the AGC loop. Opening up the receiver bandwidth to show a wider waterfall and allow click to tune or other type "channel" selection via audio defeats the entire purpose of a narrow band mode. It is without any doubt why you hear so many PSK31 operators complaining about adjacent interference (Pactor or otherwise). If you are using a narrow band mode (PSK 31, CW, V4, RTTY etc) then your receiver should have selectivity appropriate to the mode's bandwidth plus some margin for tuning errors, drift etc. If you want a panoramic receiver then you need to look at something like a Flex or other SDR that can show the wide panoramic view but still apply selectivity around the AGC loop...not after detection.

Rick KN6KB

1884. AW: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-13 14:58:32 UTC
From: Siegfried Jackstien
Topic: 1875 Message: 1884

That is why i made the 500hz cw filter selectable in ssb mode for receive
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Dienstag, 13. September 2011 14:30
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] Time to spread out a bit?
>
> Whoa guys!
>
> >> How about a program mod that allows the system to select a center
> >> frequency in "channels" up and down the audio passband of the radio.
> >> SO..the GUI allows one to select the "channel" as 0 (14073) +1
> >> (14073.150) +2 (14073.300) and also the -1 and -2 and so on? Not sure
> >> what the guard should be but Rick knows that for sure. THe software
> >> could also manage to QSY and or scan in that range on its own--even
> with
> >> a ARQ in progress. All possible..significant work to be sure, but we
> can
> >> envision it.
>
> There is some small latitude in the center frequency since I am using
> Goertzel tone decoders (they don't require a power of 2 samples or integer
> "bins"). That is what allows tuning +/- 200 Hz. BUT there are many other
> filters involved that would have to be recalculated and changed with each
> significant change in center frequency. That is not something I want to
> even consider.
>
> Also ...something I feel strongly about. This is a narrow band mode... It
> will work best when there is some selectivity (from the receiver and the
> built in DSP) AHEAD of all the decoding and the AGC loop. Opening up the
> receiver bandwidth to show a wider waterfall and allow click to tune or
> other type "channel" selection via audio defeats the entire purpose of a
> narrow band mode. It is without any doubt why you hear so many PSK31
> operators complaining about adjacent interference (Pactor or otherwise).
> If
> you are using a narrow band mode (PSK 31, CW, V4, RTTY etc) then your
> receiver should have selectivity appropriate to the mode's bandwidth plus
> some margin for tuning errors, drift etc. If you want a panoramic
> receiver
> then you need to look at something like a Flex or other SDR that can show
> the wide panoramic view but still apply selectivity around the AGC

> loop...not after detection.
>
> Rick KN6KB
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> Yahoo! Groups Links
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1885. Re: VK5PO<>OH7TE V4 chat

Yahoo group: V4Protocol
Date: 2011-09-13 15:12:04 UTC
From: g4ilo
Topic: 1882 Message: 1885

Just made QSO with John myself. It took a while though, signals were marginal both ways so there were lots of retries, but it shows the power of the ARQ mode.

I had to crank my K3 up to 50W, antenna is dipole in attic. Except for WSPR spots I don't think I've been heard in VK before!!

Julian, G4ILO

--- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>
> Fb chat on 14073 by John VK5PO. Here antenna isd Offset Center Feeded Dipole only, abt 20ft up and 200W out. 73 Yussi OH7TE
>

1886. Re: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-13 15:13:15 UTC
From: Andrew O'Brien
Topic: 1875 Message: 1886

Just a reminder, it was me that came up with the 14073 frequency because it was within "ear shot" of those in that portion of the band using other modes, they would perhaps be drawn to the "new" sounding mode. By all means, if 14073 no longer serves the porpose, move to other sections of the band.

Andy

On Tue, Sep 13, 2011 at 10:58 AM, Siegfried Jackstien <
siegfried.jackstien@...> wrote:

> **
>
>
> That is why i made the 500hz cw filter selectable in ssb mode for receive
> Dg9bfc
> Sigi
>
> > -----Ursprüngliche Nachricht-----
> > Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> > Auftrag von Rick Muething
> > Gesendet: Dienstag, 13. September 2011 14:30
> > An: V4Protocol@yahoogroups.com
> > Betreff: Re: [V4Protocol] Time to spread out a bit?
>
> >
> > Whoa guys!
> >
> > >> How about a program mod that allows the system to select a center
> > >> frequency in "channels" up and down the audio passband of the radio.
> > >> SO..the GUI allows one to select the "channel" as 0 (14073) +1
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> > with
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> integer
> > "bins"). That is what allows tuning +/- 200 Hz. BUT there are many other
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> > built in DSP) AHEAD of all the decoding and the AGC loop. Opening up the
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> > you are using a narrow band mode (PSK 31, CW, V4, RTTY etc) then your
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> >
> > Rick KN6KB
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> > Yahoo! Groups Links
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1887. Re: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-13 15:32:58 UTC
From: Curt Nixon
Topic: 1875 Message: 1887

Well..it was just an idea..

The issue is there are too many people all trying to use the same 200hz segment. often, they may not hear another signal but it will interfere all the same.

It isn't about being able to "see" more spectrum.

That leaves us to move up or down on our own then. No reason we couldn't be using 14072 or 14074 for instance. Like Andy said, if I can hear a V4 signal somewhere in there, I can then answer on that frequency.

Thanks for the short tutorial on the filtering also Rick. Don't ya hate when peple (me) suggest stuff that they have no clue about doing? :)

BTW, I use a quite narrow filter for V4 in the Rx.

Curt
KU8L

Andrew O'Brien wrote:
>
>
> Just a reminder, it was me that came up with the 14073 frequency
> because it was within "ear shot" of those in that portion of the band
> using other modes, they would perhaps be drawn to the "new" sounding
> mode. By all means, if 14073 no longer serves the porpose, move to
> other sections of the band.
>
> Andy
>
>
> On Tue, Sep 13, 2011 at 10:58 AM, Siegfried Jackstien
> <siegfried.jackstien@...
> <mailto:siegfried.jackstien@...>> wrote:
>
>
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>
> That is why i made the 500hz cw filter selectable in ssb mode for
> receive
> Dg9bfc
> Sigi
>
> > -----Urspr?ngliche Nachricht-----
> > Von: V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> [mailto:V4Protocol@yahoogroups.com

> <mailto:V4Protocol%40yahoogroups.com>] Im
> > Auftrag von Rick Muething
> > Gesendet: Dienstag, 13. September 2011 14:30
> > An: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > Betreff: Re: [V4Protocol] Time to spread out a bit?
>
>
> >
> > Whoa guys!
> >
> > >> How about a program mod that allows the system to select a center
> > >> frequency in "channels" up and down the audio passband of the
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> > >> SO..the GUI allows one to select the "channel" as 0 (14073) +1
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> > will work best when there is some selectivity (from the receiver
> and the
> > built in DSP) AHEAD of all the decoding and the AGC loop.
> Opening up the
> > receiver bandwidth to show a wider waterfall and allow click to
> tune or
> > other type "channel" selection via audio defeats the entire
> purpose of a
> > narrow band mode. It is without any doubt why you hear so many PSK31
> > operators complaining about adjacent interference (Pactor or

> otherwise).
> > If
> > you are using a narrow band mode (PSK 31, CW, V4, RTTY etc) then
> your
> > receiver should have selectivity appropriate to the mode's
> bandwidth plus
> > some margin for tuning errors, drift etc. If you want a panoramic
> > receiver
> > then you need to look at something like a Flex or other SDR that
> can show
> > the wide panoramic view but still apply selectivity around the AGC
> > loop...not after detection.
> >
> > Rick KN6KB
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
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> >
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>

1888. 15 meters anyone?

Yahoo group: V4Protocol
Date: 2011-09-13 15:50:40 UTC
From: Dick Lamberson
Topic: 1888 Message: 1888

I'm on 21073KHZ for a little while - anybody for a test?
73
Dick

1889. Re: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-13 15:58:59 UTC
From: Lyle Johnson
Topic: 1875 Message: 1889

If the signal is only 200 Hz wide, then no reason to spread in 1 kHz steps. Use 250 Hz or 300 Hz steps if Tx IMD spreading isn't too bad. Otherwise use 400 Hz. Shouldn't need larger steps with a modern radio...

73,

Lyle KK7P

> ... No reason we couldn't be using 14072 or 14074 for instance.

1890. Re: [V4Protocol] 15 meters anyone?

Yahoo group: V4Protocol
Date: 2011-09-13 16:08:37 UTC
From: Ted Trostle
Topic: 1888 Message: 1890

I am there now

I heard u on 14073, but could not connect

Ted, WB2LOU

On Tue, Sep 13, 2011 at 11:50 AM, Dick Lamberson <w4web@...> wrote:

> **
>
>
> **
> I'm on 21073KHZ for a little while - anybody for a test?
> 73
> Dick
>
>
>

1891. Using narrow filters (was: Time to spread out a bit?)

Yahoo group: V4Protocol
Date: 2011-09-13 16:12:04 UTC
From: SV1UY
Topic: 1875 Message: 1891

Hi,

I think it would be a good idea if the center frequency of V4chat could be set around 1000 Hz (or even better user selectable) like other soundcard digital modes, and dare I say for WINMOR too if possible. Reason is that if one has to use USB (not the DATA port of his radio) for his soundcard digital mode operations he could then use his narrow 500 Hz CW filter in order to get rid of adjacent channel interference.

73 de Demetre SV1UY

1892. Re: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-13 16:23:07 UTC
From: Curt Nixon
Topic: 1875 Message: 1892

Certainly...

the 1KHz was simple example.

Curt

Lyle Johnson wrote:
> If the signal is only 200 Hz wide, then no reason to spread in 1 kHz
> steps. Use 250 Hz or 300 Hz steps if Tx IMD spreading isn't too bad.
> Otherwise use 400 Hz. Shouldn't need larger steps with a modern radio...
>
> 73,
>
> Lyle KK7P
>
>
>> ... No reason we couldn't be using 14072 or 14074 for instance.
>>
>
>
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> ------------------------------------
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> Yahoo! Groups Links
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>
>

1893. Re: [V4Protocol] Using narrow filters (was: Time to spread out a bit?)

Yahoo group: V4Protocol
Date: 2011-09-13 16:58:20 UTC
From: Rick Muething
Topic: 1875 Message: 1893

Demetre,

Many digital modes standardize on 1500 Hz. In WL2K all the supported HF modes use center frequencies and most TNC used (PTC II, SCS Tracker, SCS Dragon (P1-P4), KAM and WINMOR) all standardize on 1500 Hz. center audio and USB. A few of the older TNCs have fixed tones and require non standard dial offsets. Those 1500 Hz audio standards make communicating things like center frequency and dial frequency MUCH easier and we have used those for over 15 years. I still remember the total confusion there was when people were using “dial” frequencies and few TNC s were set to the same tones!

Allowing users to arbitrarily pick the audio tones is a lot more work and yields a program that is much harder to maintain, debug and in general will not perform as well since it is difficult to optimize. (e.g. Internal filters are a function of the audio and would have to be all re calculated and implemented. Certainly it can be done but it is not something I have the time and inclination to do because the return and benefits are just not there. Almost any modern radio (certainly all the ones I have had) allow you to move the filter passband far enough to center it near 1500 Hz. You don’t need a 250 Hz filter ....something like 500 Hz is plenty sharp enough and doesn’t have to be tweaked when someone is off frequency a bit.

V4 has the nice functionality of auto tuning +/- 200 Hz and auto tracking a signal (for drift) That is all by design and well optimized. Allowing user selected arbitrary center audio selection is going to incur a lot more work, more confusion to the user and is not going to improve the performance at all. If you want to learn about were the pioneering work in HF protocols is being done read up on the SCS P2- P4 modes and the SCS robust packet mode. I think you’ll find in general they do not support or encourage user adjusted tones and there are good technical reasons for that decision. We can’t approach the performance of these dedicated DSPs with a PC but sticking with standardized tones goes a long way toward similar optimization.

73,

Rick KN6KB

From: SV1UY
Sent: Tuesday, September 13, 2011 12:12 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Using narrow filters (was: Time to spread out a bit?)

Hi,

I think it would be a good idea if the center frequency of V4chat could be set around 1000 Hz (or even better user selectable) like other soundcard digital modes, and dare I say for WINMOR too if possible. Reason is that if one has to use USB (not the DATA port of his radio) for his soundcard digital mode operations he could then use his narrow 500 Hz CW filter in order to get rid of adjacent channel interference.

73 de Demetre SV1UY

1894. Re: Using narrow filters (was: Time to spread out a bit?)

Yahoo group: V4Protocol
Date: 2011-09-13 17:19:56 UTC
From: SV1UY
Topic: 1875 Message: 1894

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Demetre,
>
> Many digital modes standardize on 1500 Hz. In WL2K all the supported HF modes use center frequencies and most TNC used (PTC II, SCS Tracker, SCS Dragon (P1-P4), KAM and WINMOR) all standardize on 1500 Hz. center audio and USB. A few of the older TNCs have fixed tones and require non standard dial offsets. Those 1500 Hz audio standards make communicating things like center frequency and dial frequency MUCH easier and we have used those for over 15 years. I still remember the total confusion there was when people were using â□□dialâ□□ frequencies and few TNC s were set to the same tones!
>
> Allowing users to arbitrarily pick the audio tones is a lot more work and yields a program that is much harder to maintain, debug and in general will not perform as well since it is difficult to optimize. (e.g. Internal filters are a function of the audio and would have to be all re calculated and implemented. Certainly it can be done but it is not something I have the time and inclination to do because the return and benefits are just not there. Almost any modern radio (certainly all the ones I have had) allow you to move the filter passband far enough to center it near 1500 Hz. You donâ□□t need a 250 Hz filter ....something like 500 Hz is plenty sharp enough and doesnâ□□t have to be tweaked when someone is off frequency a bit.
>
> V4 has the nice functionality of auto tuning +/- 200 Hz and auto tracking a signal (for drift) That is all by design and well optimized. Allowing user selected arbitrary center audio selection is going to incur a lot more work, more confusion to the user and is not going to improve the performance at all. If you want to learn about were the pioneering work in HF protocols is being done read up on the SCS P2- P4 modes and the SCS robust packet mode. I think youâ□□ll find in general they do not support or encourage user adjusted tones and there are good technical reasons for that decision. We canâ□□t approach the performance of these dedicated DSPs with a PC but sticking with standardized tones goes a long way toward similar optimization.
>
> 73,
>
> Rick KN6KB

OK Rick,

No problem. It will probably cause more problems than it will solve.

73 de Demetre SV1UY

1895. Re: [V4Protocol] 15 meters anyone?

Yahoo group: V4Protocol
Date: 2011-09-13 17:52:12 UTC
From: Ed Woods WD9DVA
Topic: 1888 Message: 1895

well its 1751z I'll try. nice to kn ow where u r (qth), maybe too close. 73 Ed wd9dva
----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 13, 2011 15:50
Subject: [V4Protocol] 15 meters anyone?

I'm on 21073KHZ for a little while - anybody for a test?
73
Dick

1896. Re: [V4Protocol] 15 meters anyone?

Yahoo group: V4Protocol
Date: 2011-09-13 17:55:12 UTC
From: Dick Lamberson
Topic: 1888 Message: 1896

nw florida - I had shut it down but will turn it back on now...

----- Original Message -----
From: Ed Woods WD9DVA
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 13, 2011 1:52 PM
Subject: Re: [V4Protocol] 15 meters anyone?

well its 1751z I'll try. nice to kn ow where u r (qth), maybe too close. 73 Ed wd9dva
----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 13, 2011 15:50
Subject: [V4Protocol] 15 meters anyone?

I'm on 21073KHZ for a little while - anybody for a test?
73
Dick

1897. Re: [V4Protocol] 15 meters anyone?

Yahoo group: V4Protocol
Date: 2011-09-13 18:07:24 UTC
From: Ed Woods WD9DVA
Topic: 1888 Message: 1897

we went to 21073 abt 1800Z (9/13) copied someone in (I'm guessing) Pt St Joe, (FL ?) Broken sig saw a 76 score once . 73 Ed WD9DVA
----- Original Message -----
From: Ted Trostle
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 13, 2011 16:08
Subject: Re: [V4Protocol] 15 meters anyone?

I am there now

I heard u on 14073, but could not connect

Ted, WB2LOU

On Tue, Sep 13, 2011 at 11:50 AM, Dick Lamberson <w4web@...> wrote:

I'm on 21073KHZ for a little while - anybody for a test?
73
Dick

1898. Re: [V4Protocol] 15 meters anyone?

Yahoo group: V4Protocol
Date: 2011-09-13 18:14:35 UTC
From: Dick Lamberson
Topic: 1888 Message: 1898

yep, that was me - and I was chatting with Ted, WB2LOU... and then I gave you a call a couple of times - but I guess propo didn't smile on us. Thanks for trying...
73
Dick
----- Original Message -----
From: Ed Woods WD9DVA
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 13, 2011 2:07 PM
Subject: Re: [V4Protocol] 15 meters anyone?

we went to 21073 abt 1800Z (9/13) copied someone in (I'm guessing) Pt St Joe, (FL ?) Broken sig saw a 76 score once . 73 Ed WD9DVA
----- Original Message -----
From: Ted Trostle
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 13, 2011 16:08
Subject: Re: [V4Protocol] 15 meters anyone?

I am there now

I heard u on 14073, but could not connect

Ted, WB2LOU

On Tue, Sep 13, 2011 at 11:50 AM, Dick Lamberson <w4web@...> wrote:

I'm on 21073KHZ for a little while - anybody for a test?
73
Dick

1899. Re: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-13 19:40:33 UTC
From: David Bastress
Topic: 1875 Message: 1899

GA Lyle,

I would think steps of about 500 Hz. might be appropriate. It can depend a bit on the ratio of adjacent channel signal strength to desired signal and what effects AGC pumping might have, etc. With 200 Hz or so wide signals spaced at 500 Hz. you have a guard band of at least one signal's width between adjacent signals. That will allow for some drift or some extra sideband garbage being generated and the skirt width of the filters.

I have been able to copy PSK 31 signals where the edges were less than a signal width apart but in those cases the two signals were about equal in strength. I have also been able to copy Olivia 500 Hz wide signals where the edges were only about 100 Hz apart but again the signals were somewhat similar in strength or the adjacent signal was weaker than the desired signal. But you might not be that lucky all the time. A little spacing would be good but 1 KHz spacing is a bit wasteful and over kill.

I don't quite understand why CW nets and some CW operators tend to space themselves out at 1 KHz. intervals. That is almost an open invitation to have someone put something else in between them especially with all the many digital modes available that can fit into that space and still leave a couple of hundred Hz open (guard bands) between their respective signal edges. I would think that most veteran CW ops would have 500, 250 or even 125 Hz filters in their rigs. At least they use to.
Anyway, FWIW.

Dave K3GAU

>>> Lyle Johnson <kk7p@...> 9/13/2011 11:58 AM >>>
If the signal is only 200 Hz wide, then no reason to spread in 1 kHz
steps. Use 250 Hz or 300 Hz steps if Tx IMD spreading isn't too bad.
Otherwise use 400 Hz. Shouldn't need larger steps with a modern radio...

73,

Lyle KK7P

> ... No reason we couldn't be using 14072 or 14074 for instance.

Yahoo! Groups Links

1900. Re: [V4Protocol] 15 meters anyone?

Yahoo group: V4Protocol
Date: 2011-09-13 21:52:33 UTC
From: Ed Woods
Topic: 1888 Message: 1900

We'll try agaqin, no fear. 73 Ed WD9DVA
----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 13, 2011 2:14 PM
Subject: Re: [V4Protocol] 15 meters anyone?

yep, that was me - and I was chatting with Ted, WB2LOU... and then I gave you a call a couple of times - but I guess propo didn't smile on us. Thanks for trying...
73
Dick
----- Original Message -----
From: Ed Woods WD9DVA
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 13, 2011 2:07 PM
Subject: Re: [V4Protocol] 15 meters anyone?

we went to 21073 abt 1800Z (9/13) copied someone in (I'm guessing) Pt St Joe, (FL ?) Broken sig saw a 76 score once . 73 Ed WD9DVA
----- Original Message -----
From: Ted Trostle
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 13, 2011 16:08
Subject: Re: [V4Protocol] 15 meters anyone?

I am there now

I heard u on 14073, but could not connect

Ted, WB2LOU

On Tue, Sep 13, 2011 at 11:50 AM, Dick Lamberson <w4web@...> wrote:

I'm on 21073KHZ for a little while - anybody for a test?
73
Dick

1901. AW: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-13 20:18:25 UTC
From: Siegfried Jackstien
Topic: 1875 Message: 1901

I would say 100% agreed to 500hz spacing ... so easy to find stations on the dial :-)
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von David Bastress
> Gesendet: Dienstag, 13. September 2011 19:41
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] Time to spread out a bit?
>
>
>
> GA Lyle,
>
> I would think steps of about 500 Hz. might be appropriate. It can depend
> a bit on the ratio of adjacent channel signal strength to desired signal
> and what effects AGC pumping might have, etc. With 200 Hz or so wide
> signals spaced at 500 Hz. you have a guard band of at least one signal's
> width between adjacent signals. That will allow for some drift or some
> extra sideband garbage being generated and the skirt width of the filters.
>
> I have been able to copy PSK 31 signals where the edges were less than a
> signal width apart but in those cases the two signals were about equal in
> strength. I have also been able to copy Olivia 500 Hz wide signals where
> the edges were only about 100 Hz apart but again the signals were somewhat
> similar in strength or the adjacent signal was weaker than the desired
> signal. But you might not be that lucky all the time. A little spacing
> would be good but 1 KHz spacing is a bit wasteful and over kill.
>
> I don't quite understand why CW nets and some CW operators tend to space
> themselves out at 1 KHz. intervals. That is almost an open invitation to
> have someone put something else in between them especially with all the
> many digital modes available that can fit into that space and still leave
> a couple of hundred Hz open (guard bands) between their respective signal
> edges. I would think that most veteran CW ops would have 500, 250 or even
> 125 Hz filters in their rigs. At least they use to.
> Anyway, FWIW.
>
> Dave K3GAU
>
>
> >>> Lyle Johnson <kk7p@wavecable.com> 9/13/2011 11:58 AM >>>
> If the signal is only 200 Hz wide, then no reason to spread in 1 kHz

> steps. Use 250 Hz or 300 Hz steps if Tx IMD spreading isn't too bad.
> Otherwise use 400 Hz. Shouldn't need larger steps with a modern radio...
>
> 73,
>
> Lyle KK7P
>
> > ... No reason we couldn't be using 14072 or 14074 for instance.
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

1902. Re: AW: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-14 10:45:48 UTC
From: Rick Muething
Topic: 1875 Message: 1902

Guys,
While I don’t want to make the big changes needed for channelized audio tuning via the waterfall I can fairly easily add a mechanism (if one is using radio control) to allow the mouse or keyboard strokes to step tune the transceiver up/down in say 500 Hz steps. This might make it easier to search regions nearby (V4 activity 500 Hz up and 500 Hz down should be visible on the waterfall if one is not using the narrow filter)

Think about it and suggest something that might be useful.

Rick KN6KB

1903. RE: AW: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-14 12:09:15 UTC
From: K6KAR
Topic: 1875 Message: 1903

Rick,

First off, I want to complement you on fixing problems that were making it difficult to use V4 with the Flex radios. You've done a very good job and I'm very pleased with V4 performance. I've used V4 with the 5000, 3000 and 1500. Bottom line, works great!

I'm a long time beta tester for FLdigi which allows coupling FLdigi to the radio (using various XML files, depending upon the radio). This is a feature that I find very attractive and use all the time. If you were to include this feature within V4 then I'd be all for it. However, I think (for most users), this isn't necessary. What I'd like to see is for faster through put. Widen the transmit/receive from 200HZ to 500Hz and allow for faster data transfer rates. Maybe have selectable transfer rates. By the way, I do understand the tradeoffs in doing something like this.

In any case, you've done a terrific Job Rick and I, (for one), really appreciate it.

Regards,

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Wednesday, September 14, 2011 5:46 AM
To: V4Protocol@yahoogroups.com
Subject: Re: AW: [V4Protocol] Time to spread out a bit?

Guys,

While I don't want to make the big changes needed for channelized audio tuning via the waterfall I can fairly easily add a mechanism (if one is using radio control) to allow the mouse or keyboard strokes to step tune the transceiver up/down in say 500 Hz steps. This might make it easier to search regions nearby (V4 activity 500 Hz up and 500 Hz down should be visible on the waterfall if one is not using the narrow filter)

Think about it and suggest something that might be useful.

Rick KN6KB

1904. Re: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-14 12:26:35 UTC
From: g4ilo
Topic: 1875 Message: 1904

500Hz seems a bit extravagent to me for a 200Hz wide mode. Olivia 1000 used 1kHz spacing and I never experienced any problems with adjacent channels.

Julian, G4ILO

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Guys,
> While I donâ□□t want to make the big changes needed for channelized audio tuning via the waterfall I can fairly easily add a mechanism (if one is using radio control) to allow the mouse or keyboard strokes to step tune the transceiver up/down in say 500 Hz steps. This might make it easier to search regions nearby (V4 activity 500 Hz up and 500 Hz down should be visible on the waterfall if one is not using the narrow filter)
>
> Think about it and suggest something that might be useful.
>
> Rick KN6KB
>

1905. Re: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-14 12:59:03 UTC
From: la7um
Topic: 1875 Message: 1905

Rick. What about command based in a window slot:+1 is 100Hz up +2 is 200Hz up +9 is 900Hz up ++1 is 1000Hz up. -1 is 100Hz down, --5 is 5000Hz down etc. 73 la7um Finn

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Guys,
> While I donâ☐☐t want to make the big changes needed for channelized audio tuning via the waterfall I can fairly easily add a mechanism (if one is using radio control) to allow the mouse or keyboard strokes to step tune the transceiver up/down in say 500 Hz steps. This might make it easier to search regions nearby (V4 activity 500 Hz up and 500 Hz down should be visible on the waterfall if one is not using the narrow filter)
>
> Think about it and suggest something that might be useful.
>
> Rick KN6KB
>

1906. 21.073 Mhz

Yahoo group: V4Protocol
Date: 2011-09-14 13:10:43 UTC
From: k1dow_4
Topic: 1906 Message: 1906

Good morning y'all..

Just a note to let you know that my V4 will be listening on 21.073 today.
I have to be in and out of the shack a bit (as usual) for various things, so if you call and connect and I'm not able to type back to you at that moment, just type me a note and I will see it in my RX buffer when I get to the keyboard.

73/Russ
Arcadia, FL

1907. Re: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-14 13:09:22 UTC
From: Rick Muething
Topic: 1875 Message: 1907

Kirk,
Thanks for the feedback. V4 is settling down and proving to be fairly useful. There is always some room for more tweaking to boost the performance some.

Re changes in bandwidth:
V4 was specifically created to provide a low bandwidth, robust mode that was fairly “slick” (meaning low latency) so one could use keyboard chat type of operation. I am testing a minor change now to speed up the IRS<>ISS changeover to under 2 seconds.

I think what you are asking for in terms of throughput and auto adapting is already in existence. I created WINMOR specifically for file and message transfer (it’s a bit sluggish for keyboard due to its longer frame length (typically 5-7 seconds). WINMOR has two modes, 500 Hz bandwidth and 1600 Hz bandwidth. It is auto adjusting and adjust the modulation modes (4FSK, 4PSK, 8PSK or 16PSK) and FEC coding depending on the quality of the link. The 16PSK mode of course requires a fairly good signal but is fast (9800 bytes/min max @ 1600 Hz and 2400 max bytes/min @ 500 Hz. The other modes are slower but more robust... part of that “no free lunch theorem!”) . The WINMOR protocol adjusts automatically depending on the ACK percentage always trying to optimize the throughput for the current channel. The Program RMS Express allows you to create, edit and send messages (with optional attachments) either through the WL2K radio mail system or to another RMS Express station as a “peer-to-peer” message. If you haven’t tried RMS Express with WINMOR I would suggest it. A download link is available at ftp://autoupdate.winlink.org/User%20Programs/
WINMOR is also available in BPQ32 http://groups.yahoo.com/group/BPQ32/ and in the N3ZH software http://groups.yahoo.com/group/N3ZH_software

If you are a programmer you can incorporate the WINMOR or V4 Virtual TNC’s into your own code using the files and documents in the programmers package. This usually requires writing a driver for the WINMOR or V4 Virtual TNC (similar in effort to writing a driver for a conventional hardware TNC).

Down the road I am thinking about a new auto adapting VHF/UHF (FM) sound card mode that would be optimized for FM radios and reach ARQ throughput in the 30K bytes/minute range (about 4-5 times typical 1200 baud packet but still going through the radios audio ports (not 9600 baud ports). That looks possible based on some very early tests.

Bottom line: It is not really practical to make one protocol do everything for many different channels and applications. But using the virtual TNC concept it is fairly straightforward (I wouldn’t say easy!) to adapt a PC based sound card protocol that is optimized for specific applications and typical radio channels.

Rick KN6KB

1908. V4 Issues

Yahoo group: V4Protocol
Date: 2011-09-14 13:25:43 UTC
From: David Bastress
Topic: 1875 Message: 1908

GM All,

I find it interesting that all the stations can work DX on 20 and 17 meters, etc. using V4 and yet we continue to have difficulty trying to work stations in the 300 to 600 mile range on 40 and 80 meters.

I had a QSO Saturday morning with a station at about 300 miles on 40 meters. While we were able to have a decent QSO there were quite a number of repeat transmissions even though the signals were well above the noise level and at times up to S9. We both were using the version before 6.0.0

Then last evening I had a contact on 80 meters with a station in MN at approximately 500 miles. We each tried a number of times to use the ARQ mode and could not get it work. It didn't seem to want to switch back and worth between stations. ISS>IRS and vice a versa. We kept going back to the FEC mode which did seem to work pretty well under the same conditions. We both were using 6.0.0. Signals last night were not as good as Saturday and there was some QRN.

Since I can't operate much above 30 Meters I haven't had a chance to try it there but there sure seems to be something in the V4 ARQ mode that doesn't do well with the propagation and band conditions encountered on 80 and 40 meters.

Anyway, something to think about.

Dave K3GAU

1909. Re: [V4Protocol] V4 Issues

Yahoo group: V4Protocol
Date: 2011-09-14 13:56:49 UTC
From: Ed Woods WD9DVA
Topic: 1875 Message: 1909

It's not the V4 setup. look at what prop is saying. We follow VOAAREA daily for phone patching. For the past 10 days or so the lowest recommended freq is 8.9. If that is true then 40 & 80 will be in the suck mode for a while. I enjoy 40 but around here it is dead.
73 Ed WD9DVA
----- Original Message -----
From: David Bastress
To: V4Protocol@yahoogroups.com
Sent: Wednesday, September 14, 2011 13:25
Subject: [V4Protocol] V4 Issues

GM All,

I find it interesting that all the stations can work DX on 20 and 17 meters, etc. using V4 and yet we continue to have difficulty trying to work stations in the 300 to 600 mile range on 40 and 80 meters.

I had a QSO Saturday morning with a station at about 300 miles on 40 meters. While we were able to have a decent QSO there were quite a number of repeat transmissions even though the signals were well above the noise level and at times up to S9. We both were using the version before 6.0.0

Then last evening I had a contact on 80 meters with a station in MN at approximately 500 miles. We each tried a number of times to use the ARQ mode and could not get it work. It didn't seem to want to switch back and worth between stations. ISS>IRS and vice a versa. We kept going back to the FEC mode which did seem to work pretty well under the same conditions. We both were using 6.0.0. Signals last night were not as good as Saturday and there was some QRN.

Since I can't operate much above 30 Meters I haven't had a chance to try it there but there sure seems to be something in the V4 ARQ mode that doesn't do well with the propagation and band conditions encountered on 80 and 40 meters.

Anyway, something to think about.

Dave K3GAU

1910. Re: [V4Protocol] V4 Issues

Yahoo group: V4Protocol
Date: 2011-09-14 13:56:15 UTC
From: Rick Muething
Topic: 1875 Message: 1910

Dave,

As you know the same transfer mechanism, modulation and FEC coding are used in V4's ARQ mode as in FEC mode. The only difference is ARQ has ACKs and uses the session ID coding.

In general if you can get any copy on FEC mode ARQ will work (though may not be fast depending on repeats). The only additional requirement is that both ends have to meet the latency requirements (< 250 ms measured T>R latency).

One thing that would be helpful to me is to look at the debug log on a marginal (e.g. your close range, lower frequency bands) connection. There is important information in the score of the Constellation, its S/N and the sync "decode distances" that are contained in the V4 TNC debug log. If you have that for the ARQ session you referenced it would be very helpful... Send it to me directly as an attachment (rmuethingATcfl.rr.com) with a pointer to the approximate UTC time of the session so I can find it.

V4 Should be very good for poor multipath channels and it tests well on the HF simulator under CCIR poor multipath conditions. The modulation mode 4FSK was chosen as it is more robust than PSK mode in poor multipath as you would see in short range NVIS or Northern Latitudes propagation.

Perhaps others with short range propagation success or failure could comment on their experience.

Rick KN6KB

1911. Re: [V4Protocol] V4 Issues

Yahoo group: V4Protocol
Date: 2011-09-14 15:29:08 UTC
From: David Bastress
Topic: 1875 Message: 1911
Attachments: 6 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1912. Need a V4 Elmer

Yahoo group: V4Protocol
Date: 2011-09-14 18:45:46 UTC
From: kc2nyu
Topic: 1912 Message: 1912

Hi- I just joined the group and just installed the V4 software, I think correctly. Did the tests and think all OK. But would like to run through it with someone, verify some of the settings and the maybe arrange a chat.

I have used PSK31, WSPR and JT65-HF modes successfully, but would like to learn this one. My setup is a Yaesu FT-450, Signalink USB interface, Win 7, 64 bit Windows. I have a 6-80M OCF Dipole and an inverted L that will cover 160M.

Tnx and 73
Paul
KC2NYU

1913. Re: [V4Protocol] V4 Issues

Yahoo group: V4Protocol
Date: 2011-09-14 20:54:16 UTC
From: Rick Muething
Topic: 1875 Message: 1913

Dave,
No need to edit the log...just say the QSO was between 0100z and 0200z or whatever. You would be amazed at the number of folks that just say “I had a problem”, here is my (2 Mb) log. I usually put those kind of requests in the bit bucket! At any rate I can tell a lot looking at the log details. Sometimes people think things “ping-pong” and timeout but there is nothing queued on EITHER end....that is exactly what is supposed to happen if nothing is queued. At any rate the log tells volumes of what is really going on. Its all in the details and that is what the debug log collects.
73,

Rick

From: David Bastress
Sent: Wednesday, September 14, 2011 11:29 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 Issues

Rick,

When I get a chance this evening I will send you the logs but you will have to wade through about a half hours worth of logs. When you are trying to have a QSO and things are not going well, you have other priorities than sitting there with a watch in hand and writing down the time every time something doesn't work right! I will cut out the stuff prior to establishing the QSO. As for latency, it varied some but was always between 100 and 200 ms on my end. I can't speak to what the other operator saw.

The basic FEQ coding and decoding worked ok, just couldn't get the transfer done for some reason. It would just sit there and 'ping pong' until it timed out.

Dave K3GAU

>>> "Rick Muething" <rmuething@...> 9/14/2011 9:56 AM >>>

Dave,

As you know the same transfer mechanism, modulation and FEC coding are used in V4’s ARQ mode as in FEC mode. The only difference is ARQ has ACKs and uses the session ID coding.

In general if you can get any copy on FEC mode ARQ will work (though may not be fast depending on repeats). The only additional requirement is that both ends have to meet the latency requirements (< 250 ms measured T>R latency).

One thing that would be helpful to me is to look at the debug log on a marginal (e.g. your close range, lower frequency bands) connection. There is important information in the score of the Constellation, its S/N and the sync “decode distances” that are contained in the V4 TNC debug log. If you have that for the ARQ session you referenced it would be very helpful... Send it to me directly as an attachment (rmuethingATcfl.rr.com) with a pointer to the approximate UTC time of the session so I can find it.

V4 Should be very good for poor multipath channels and it tests well on the HF simulator under CCIR poor multipath conditions. The modulation mode 4FSK was chosen as it is more robust than PSK mode in poor multipath as you would see in short range NVIS or Northern Latitudes propagation.

Perhaps others with short range propagation success or failure could comment on their experience.

Rick KN6KB

1914. Well that was frustrating..

Yahoo group: V4Protocol
Date: 2011-09-14 22:01:17 UTC
From: gus_d4343
Topic: 1914 Message: 1914

Entered data would go into the queue and then go no where... what am I doing wrong?

1915. Re: [V4Protocol] Well that was frustrating..

Yahoo group: V4Protocol
Date: 2011-09-14 23:30:03 UTC
From: Rick Muething
Topic: 1914 Message: 1915

Not much info Gus.

Were you the ISS? Were you the IRS? Was this ARQ Mode or FEC mode? Have you setup your transmitter to key correctly (can you send the CWID and Two tone test?)? Where is you log file? Are you connected if in ARQ mode?

Read the help on the procedure for starting and running a simple ARQ mode session.

The same software is working for many others so it is probably something in your setup or operating procedure.

Rick KN6KB

1916. RE: [V4Protocol] Well that was frustrating..

Yahoo group: V4Protocol
Date: 2011-09-14 23:55:31 UTC
From: Ron Settle
Topic: 1914 Message: 1916

Sorry about that. It was ARQ mode. I am sure I was the one at fault. I will read the tutorial and try it again.

Ron

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Wednesday, September 14, 2011 6:30 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Well that was frustrating..

Not much info Gus.

Were you the ISS? Were you the IRS? Was this ARQ Mode or FEC mode? Have you setup your transmitter to key correctly (can you send the CWID and Two tone test?)? Where is you log file? Are you connected if in ARQ mode?

Read the help on the procedure for starting and running a simple ARQ mode session.

The same software is working for many others so it is probably something in your setup or operating procedure.

Rick KN6KB

1917. Re: [V4Protocol] Well that was frustrating..

Yahoo group: V4Protocol
Date: 2011-09-15 00:04:01 UTC
From: Dick Lamberson
Topic: 1914 Message: 1917

I was unable to get any data from KK7Z today - after several tries - could you be that station?
I wonder if you hit the ctrl-c while your cursor was in the transmit portion of the screen? I never saw and 'change-over' even though you received several small transmissions from me.
73 and good luck,
Dick, W4WEB

----- Original Message -----
From: Ron Settle
To: V4Protocol@yahoogroups.com
Sent: Wednesday, September 14, 2011 7:55 PM
Subject: RE: [V4Protocol] Well that was frustrating..

Sorry about that. It was ARQ mode. I am sure I was the one at fault. I will read the tutorial and try it again.

Ron

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Wednesday, September 14, 2011 6:30 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Well that was frustrating..

Not much info Gus.

Were you the ISS? Were you the IRS? Was this ARQ Mode or FEC mode? Have you setup your transmitter to key correctly (can you send the CWID and Two tone test?)? Where is you log file? Are you connected if in ARQ mode?

Read the help on the procedure for starting and running a simple ARQ mode session.

The same software is working for many others so it is probably something in your setup or operating procedure.

Rick KN6KB

1918. RE: [V4Protocol] Well that was frustrating..

Yahoo group: V4Protocol
Date: 2011-09-15 00:20:33 UTC
From: Ron Settle
Topic: 1914 Message: 1918

Hi Dick,

Yes that was me. And that (ctrl-c) was probably the step I was missing. I'll try it again later.

Thanks

and 73

Ron

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Dick Lamberson
Sent: Wednesday, September 14, 2011 7:04 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Well that was frustrating..

☐

I was unable to get any data from KK7Z today - after several tries - could you be that station?

I wonder if you hit the ctrl-c while your cursor was in the transmit portion of the screen? I never saw and 'change-over' even though you received several small transmissions from me.

73 and good luck,

Dick, W4WEB

----- Original Message -----

From: Ron Settle <mailto:settleron@...>

To: V4Protocol@yahoogroups.com

Sent: Wednesday, September 14, 2011 7:55 PM

Subject: RE: [V4Protocol] Well that was frustrating..

Sorry about that. It was ARQ mode. I am sure I was the one at fault. I will read the tutorial and try it again.

Ron

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@...m] On Behalf Of Rick Muething
Sent: Wednesday, September 14, 2011 6:30 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Well that was frustrating..

Not much info Gus.

Were you the ISS? Were you the IRS? Was this ARQ Mode or FEC mode? Have you setup your transmitter to key correctly (can you send the CWID and Two tone test?)? Where is you log file? Are you connected if in ARQ mode?

Read the help on the procedure for starting and running a simple ARQ mode session.

The same software is working for many others so it is probably something in your setup or operating procedure.

Rick KN6KB

1919. I must be lucky :)

Yahoo group: V4Protocol
Date: 2011-09-15 02:04:31 UTC
From: Michael
Topic: 1919 Message: 1919

Cause I seem to have managed to pick an evening when hardly anyone is on the air. Oh well, back to

CQ CQ CQ

:)

Michael

1920. Re: AW: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-15 03:36:11 UTC
From: Phil Williams
Topic: 1875 Message: 1920

We don't need any more on rig control.

We don't need crutch to lead us to move in frequency in XXXX steps.

We have CAT programs, VFOs and most importantly, use of our brains

Let's use our brains.

As stated by the dev, the focus is protocol development.

Forget the eye candy.

philw de ka1gmn

On Wed, Sep 14, 2011 at 7:09 AM, K6KAR <kirk.harding@...> wrote:

> **
>
>
> *Rick,*
>
> * *
>
> *First off, I want to complement you on fixing problems that were making
> it difficult to use V4 with the Flex radios. You've done a very good job
> and I'm very pleased with V4 performance. I've used V4 with the 5000, 3000
> and 1500. Bottom line, works great!*
>
> * *
>
> *I'm a long time beta tester for FLdigi which allows coupling FLdigi to
> the radio (using various XML files, depending upon the radio). This is a
> feature that I find very attractive and use all the time. If you were to
> include this feature within V4 then I'd be all for it. However, I think
> (for most users), this isn't necessary. What I'd like to see is for faster
> through put. Widen the transmit/receive from 200HZ to 500Hz and allow for
> faster data transfer rates. Maybe have selectable transfer rates. By the
> way, I do understand the tradeoffs in doing something like this.*
>
> * *
>
> *In any case, you've done a terrific Job Rick and I, (for one), really
> appreciate it.*
>
> * *
>
> *Regards,*

>
> * *
>
> *Kirk, K6KAR*
>
> *Niceville, FL *
>
> * *
>
> * *
>
> * *
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Rick Muething
> *Sent:* Wednesday, September 14, 2011 5:46 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: AW: [V4Protocol] Time to spread out a bit?****
>
> ** **
>
> ****
>
> Guys,****
>
> While I don’t want to make the big changes needed for channelized audio
> tuning via the waterfall I can fairly easily add a mechanism (if one is
> using radio control) to allow the mouse or keyboard strokes to step tune the
> transceiver up/down in say 500 Hz steps. This might make it easier to search
> regions nearby (V4 activity 500 Hz up and 500 Hz down should be visible on
> the waterfall if one is not using the narrow filter) ****
>
> ****
>
> Think about it and suggest something that might be useful.****
>
> ****
>
> Rick KN6KB****
>
> ****
>
> ****
>
>
>

--
Philw de KA1GMN

1921. AW: [V4Protocol] Need a V4 Elmer

Yahoo group: V4Protocol
Date: 2011-09-14 21:44:01 UTC
From: Siegfried Jackstien
Topic: 1912 Message: 1921

Hello paul
If your setup work with your signalink and psk then it should work similar with v4
Start software and do the setup (ptt port and audio-level ... then it should work also as with any other digi mode software ... nothing special
Any questions?? Feel free to ask here in the group ...
Maybe you have a user of that mode in your area that can help you withj setup and a short distance sked
Greetings from northern germany
Dg9bfc
Sigi
ps sure others could look in qrz where you live ... but in the mail would be easier

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von kc2nyu
> Gesendet: Mittwoch, 14. September 2011 18:46
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Need a V4 Elmer
>
>
>
> Hi- I just joined the group and just installed the V4 software, I think
> correctly. Did the tests and think all OK. But would like to run through
> it with someone, verify some of the settings and the maybe arrange a chat.
>
> I have used PSK31, WSPR and JT65-HF modes successfully, but would like to
> learn this one. My setup is a Yaesu FT-450, Signalink USB interface, Win
> 7, 64 bit Windows. I have a 6-80M OCF Dipole and an inverted L that will
> cover 160M.
>
> Tnx and 73
> Paul
> KC2NYU
>
>
>
>

1922. How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-15 14:45:18 UTC
From: kc2nyu
Topic: 1922 Message: 1922

Saw both KB0E and N9ZXS trying to respond to my CQ at abt 1440. But couldn't figure out how to respond. Put your call sign in the call box and saw it go out, but when i tried to type something in the chat window it said can't use until connect. What steps do I need to take to connect???????????

Paul
KC2NYU

1923. RE: [V4Protocol] How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-15 14:58:28 UTC
From: Ray
Topic: 1922 Message: 1923

Paul, we were connected and I sent you a couple of lines of text. You should have been in the ARQ mode and type your reply in the lower right hand box and then hit "control/enter" or it might be return on your computer and it should go out.

Ray KB0E

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kc2nyu
Sent: Thursday, September 15, 2011 9:45 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] How Connect ?

Saw both KB0E and N9ZXS trying to respond to my CQ at abt 1440. But couldn't figure out how to respond. Put your call sign in the call box and saw it go out, but when i tried to type something in the chat window it said can't use until connect. What steps do I need to take to connect???????????

Paul
KC2NYU

1924. Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-15 15:16:50 UTC
From: kc2nyu
Topic: 1922 Message: 1924

Ray - for some reason I was never connected. So here is what I should do?
- Call CQ
- Someone responds, I go to ARQ tab and type their call in the Call CQ box and send
- Does the software "connect us" and I should see "connected " in the soundcard window?
Never got that far but will try again.

Paul

--- In V4Protocol@yahoogroups.com, "Ray" <ray.goodall@...> wrote:
>
> Paul, we were connected and I sent you a couple of lines of text. You
> should have been in the ARQ mode and type your reply in the lower
> right hand box and then hit "control/enter" or it might be return on
> your computer and it should go out.
>
>
>
> Ray KB0E
>
> _____
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of kc2nyu
> Sent: Thursday, September 15, 2011 9:45 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] How Connect ?
>
>
>
>
>
>
> Saw both KB0E and N9ZXS trying to respond to my CQ at abt 1440. But
> couldn't figure out how to respond. Put your call sign in the call box
> and saw it go out, but when i tried to type something in the chat
> window it said can't use until connect. What steps do I need to take to
> connect??????????
>
> Paul
> KC2NYU
>

1925. Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-15 16:15:17 UTC
From: kc2nyu
Topic: 1922 Message: 1925

Ray - for some reason I was never connected. So here is what I should do?
- Call CQ
- Someone responds, I go to ARQ tab and type their call in the Call CQ box and send
- Does the software "connect us" and I should see "connected " in the soundcard window?
Never got that far but will try again.

Paul

--- In V4Protocol@yahoogroups.com, "Ray" <ray.goodall@...> wrote:
>
> Paul, we were connected and I sent you a couple of lines of text. You
> should have been in the ARQ mode and type your reply in the lower
> right hand box and then hit "control/enter" or it might be return on
> your computer and it should go out.
>
>
>
> Ray KB0E
>
> _____
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of kc2nyu
> Sent: Thursday, September 15, 2011 9:45 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] How Connect ?
>
>
>
>
>
>
> Saw both KB0E and N9ZXS trying to respond to my CQ at abt 1440. But
> couldn't figure out how to respond. Put your call sign in the call box
> and saw it go out, but when i tried to type something in the chat
> window it said can't use until connect. What steps do I need to take to
> connect??????????
>
> Paul
> KC2NYU
>

1926. Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-15 16:18:17 UTC
From: kc2nyu
Topic: 1922 Message: 1926

OK - Made first V4 QSO, thanks to Ray's help I am up and running on V4 although still not totally smooth. Sure that with a little more practice will get it down.

73 Paul

--- In V4Protocol@yahoogroups.com, "kc2nyu" <eckerpw@...> wrote:
>
>
>
>
> Ray - for some reason I was never connected. So here is what I should do?
> - Call CQ
> - Someone responds, I go to ARQ tab and type their call in the Call CQ box and send
> - Does the software "connect us" and I should see "connected " in the soundcard window?
Never got that far but will try again.
>
> Paul
>
> --- In V4Protocol@yahoogroups.com, "Ray" <ray.goodall@> wrote:
> >
> > Paul, we were connected and I sent you a couple of lines of text. You
> > should have been in the ARQ mode and type your reply in the lower
> > right hand box and then hit "control/enter" or it might be return on
> > your computer and it should go out.
> >
> >
> >
> > Ray KB0E
> >
> > _____
> >
> > From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> > Behalf Of kc2nyu
> > Sent: Thursday, September 15, 2011 9:45 AM
> > To: V4Protocol@...m
> > Subject: [V4Protocol] How Connect ?
> >
> >
> >
> >
> >
> >
> > Saw both KB0E and N9ZXS trying to respond to my CQ at abt 1440. But
> > couldn't figure out how to respond. Put your call sign in the call box
> > and saw it go out, but when i tried to type something in the chat
> > window it said can't use until connect. What steps do I need to take to

> > connect???????????
> >
> > Paul
> > KC2NYU
> >
>

1927. 21.073 MHZ Dial V4 Chat - Anyone?

Yahoo group: V4Protocol
Date: 2011-09-15 16:18:56 UTC
From: Rick Westerfield
Topic: 1927 Message: 1927

Hello,

Anybody up for some lunchtime V4 Chat on 15 meters? I'm listening on 21.073 dial.

Rick - KH2DF/W5

1928. RE: [V4Protocol] Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-15 17:14:46 UTC
From: Ray
Topic: 1922 Message: 1928

No! If you are calling CQ and someone answers you that is all you need to do other than make sure your machine is answering correctly to the ACKs from the other station. Usually there is a line of print on the receive screen that reads something like "connected to so and so" and you are in business. Just type something out and send it.

Paul, I do recommend reading the help files thoroughly. They are well written and Rick has done a good job with them and the program. Have been working with the program and sending in reports since December of last year, so am somewhat familiar with the program.

Good luck and keep looking for contacts. You will learn something on every connect.

Ray

_____

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kc2nyu
Sent: Thursday, September 15, 2011 10:17 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: How Connect ?

Ray - for some reason I was never connected. So here is what I should do?
- Call CQ
- Someone responds, I go to ARQ tab and type their call in the Call CQ box and send
- Does the software "connect us" and I should see "connected " in the soundcard window? Never got that far but will try again.

Paul

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>, "Ray" <ray.goodall@...> wrote:
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> Paul, we were connected and I sent you a couple of lines of text. You
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> right hand box and then hit "control/enter" or it might be return on
> your computer and it should go out.
>
>
>
> Ray KB0E
>
> _____

>
> From: V4Protocol@yahoogroups.com
<mailto:V4Protocol%40yahoogroups.com>
[mailto:V4Protocol@yahoogroups.com
<mailto:V4Protocol%40yahoogroups.com>] On
> Behalf Of kc2nyu
> Sent: Thursday, September 15, 2011 9:45 AM
> To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> Subject: [V4Protocol] How Connect ?
>
>
>
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>
> Saw both KB0E and N9ZXS trying to respond to my CQ at abt 1440. But
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> window it said can't use until connect. What steps do I need to take
to
> connect???????????
>
> Paul
> KC2NYU
>

1929. Re: [V4Protocol] Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-15 18:00:02 UTC
From: Mcgaha Edward
Topic: 1922 Message: 1929

The help files do help, so please read them before you even try to make a connection, I just worked a Athens Greece from Neuenstein Germany, 1050 miles solid as a rock,,, Thanks Rick, DB7EM/AEM1AB

From: Ray <ray.goodall@...>
To: V4Protocol@yahoogroups.com
Sent: Thursday, September 15, 2011 7:14 PM
Subject: RE: [V4Protocol] Re: How Connect ?

No!
If you are calling CQ and someone answers you that is all you need to do other than make sure your machine is answering correctly to the ACKs from the other station. Usually there is a line of print on the receive screen that reads something like “connected to so and so” and you are in business. Just type something out and send it.

Paul,
I do recommend reading the help files thoroughly. They are well written and Rick has done a good job with them and the program. Have been working with the program and sending in reports since December of last year, so am somewhat familiar with the program.

Good
luck and keep looking for contacts. You will learn something on every connect.

Ray

From:V4Protocol@yahoogroups.com [mailto: V4Protocol@yahoogroups.com] On Behalf Of kc2nyu
Sent: Thursday, September 15, 2011
10:17 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: How
Connect ?

Ray - for some reason I was never
connected. So here is what I should do?
- Call CQ
- Someone responds, I go to ARQ tab and type their call in the Call CQ box and send
- Does the software "connect us" and I should see "connected
" in the soundcard window? Never got that far but will try again.

Paul

--- In V4Protocol@yahoogroups.com,
" Ray "
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> Paul, we were connected and I sent you a couple of lines of text. You
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> right hand box and then hit "control/enter" or it might be
return on
> your computer and it should go out.
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>
>
> Ray KB0E
>
> _____
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
On
> Behalf Of kc2nyu
> Sent: Thursday, September 15, 2011 9:45 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] How Connect ?
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> Saw both KB0E and N9ZXS trying to respond to my CQ at abt 1440. But
> couldn't figure out how to respond. Put your call sign in the call box
> and saw it go out, but when i tried to type something in the chat
> window it said can't use until connect. What steps do I need to take to
> connect???????????
>
> Paul
> KC2NYU
>

1930. Operating from abroad?

Yahoo group: V4Protocol
Date: 2011-09-15 18:09:02 UTC
From: SV1UY
Topic: 1930 Message: 1930

Hi Rick,

What happens when we operate from abroad? I am going to the UK on Monday for 2 weeks and I will have my radios with me. I intend to operate as M/SV1UY but V4 cannot accept this as a valid callsign.

OK I can always operate as SV1UY and this is what I am going to do and inform my QSO partner that I am M/SV1UY when I have a chat, the same way I do when I operate Pactor, or PACKET Radio.

73 de Demetre SV1UY

P.S. I still think it is best if we move the center frequency of V4 in 1000 HZ from 1500 HZ because that way we can take advantage of our 500 HZ narrow CW filter when we are on USB. Some radios do not allow you to use USB on DIGITAL MODES. Perhaps allowing the user to make his own choice is a bad idea, but I think that 1000 HZ is the best choice.

1931. Re: Operating from abroad?

Yahoo group: V4Protocol
Date: 2011-09-15 18:39:05 UTC
From: Paul Leger
Topic: 1930 Message: 1931

Demetre does have a point in the 1000hz over 1500hz for the centre frequency. My system is setup for the 1000 hz centre point with my filters. However I also understand the other side of it.

Paul
VE9NC

1932. RE: [V4Protocol] Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-15 23:02:25 UTC
From: Adam Rozanski
Topic: 1922 Message: 1932

Paul conneced to you today but looks like you dont know where to put your reply what you have to do is type something in the lower box and asend it to the transmit box by hiting what ever key you have set to do it Uou did send your name and qth then dont know what happend nothing came back after that Adam ka2uol
To: V4Protocol@yahoogroups.com
From: edmcgaha@...
Date: Thu, 15 Sep 2011 11:00:02 -0700
Subject: Re: [V4Protocol] Re: How Connect ?

The help files do help, so please read them before you even try to make a connection, I just worked a Athens Greece from Neuenstein Germany, 1050 miles solid as a rock,,, Thanks Rick, DB7EM/AEM1AB

From: Ray <ray.goodall@...>
To: V4Protocol@yahoogroups.com
Sent: Thursday, September 15, 2011 7:14 PM
Subject: RE: [V4Protocol] Re: How Connect
?

No!
If you are calling CQ and someone answers you that is all you need to do other than make sure your machine is answering correctly to the ACKs from the other station. Usually there is a line of print on the receive screen that reads something like “connected to so and so” and you are in business. Just type something out and send it.

Paul,
I do recommend reading the help files thoroughly. They are well written and Rick has done a good job with them and the program. Have been working with the program and sending in reports since December of last year, so am somewhat familiar with the program.

Good
luck and keep looking for contacts. You will learn something on every connect.

Ray

From: V4Protocol@yahoogroups.com [mailto: V4Protocol@yahoogroups.com] On Behalf Of kc2nyu

Sent: Thursday, September 15, 2011
10:17 AM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] Re: How
Connect ?

Ray - for some reason I was never
connected. So here is what I should do?

- Call CQ

- Someone responds, I go to ARQ tab and type their call in the Call CQ box and
send

- Does the software "connect us" and I should see "connected
" in the soundcard window? Never got that far but will try again.

Paul

--- In V4Protocol@yahoogroups.com,
" Ray "
<ray.goodall@...> wrote:

>

> Paul, we were connected and I sent you a couple of lines of text. You

> should have been in the ARQ mode and type your reply in the lower

> right hand box and then hit "control/enter" or it might be
return on

> your computer and it should go out.

>

>

>

> Ray KB0E

>

> _____

>

> From: V4Protocol@yahoogroups.com
[mailto:V4Protocol@yahoogroups.com]
On

> Behalf Of kc2nyu

> Sent: Thursday, September 15, 2011 9:45 AM

> To: V4Protocol@yahoogroups.com

> Subject: [V4Protocol] How Connect ?

>

>

>

>

>

> Saw both KB0E and N9ZXS trying to respond to my CQ at abt 1440. But

> couldn't figure out how to respond. Put your call sign in the call box

> and saw it go out, but when i tried to type something in the chat

> window it said can't use until connect. What steps do I need to take to

> connect???????????

>

> Paul

> KC2NYU

>

1933. Re: [V4Protocol] Operating from abroad?

Yahoo group: V4Protocol
Date: 2011-09-15 23:49:50 UTC
From: Rick Muething
Topic: 1930 Message: 1933

Demetre,

The syntax checkers for call signs accurately check all Amateur and MARS call signs. They don't accept any or all of the "stuff" we sometimes add on for ID like KN6KB/4 or XE2KN6KB or KN6KB/MM etc...those don' t have any agreed syntax so are next to impossible to check and accept. Plus the connect request frame must contain both call signs and that just allows two 7 character call signs Plus optional –ssid (those are encoded a special way to fit into a total of 16 ASCII characters.

Virtually all TNCs have limits on the "MYCALL" and in fact many won't even accept 7 character call signs (e.g. Packet).

For foreign or portable operation I would just suggest signing in the text the legal ID such as SV1UR / MM in the text at the end.

Rick KN6KB

From: SV1UY
Sent: Thursday, September 15, 2011 2:09 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Operating from abroad?

Hi Rick,

What happens when we operate from abroad? I am going to the UK on Monday for 2 weeks and I will have my radios with me. I intend to operate as M/SV1UY but V4 cannot accept this as a valid callsign.

OK I can always operate as SV1UY and this is what I am going to do and inform my QSO partner that I am M/SV1UY when I have a chat, the same way I do when I operate Pactor, or PACKET Radio.

73 de Demetre SV1UY

P.S. I still think it is best if we move the center frequency of V4 in 1000 HZ from 1500 HZ because that way we can take advantage of our 500 HZ narrow CW filter when we are on USB. Some radios do not allow you to use USB on DIGITAL MODES. Perhaps allowing the user to make his own choice is a bad idea, but I think that 1000 HZ is the best choice.

1934. RE: [V4Protocol] Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-15 23:52:11 UTC
From: Ron Settle
Topic: 1922 Message: 1934

I am having similar issues. Read all the help files. I am having no issues connecting. I've done that several times. My software is set to send with crtl/cr. I see the iss/isr hand off to me . The ctrl/cr action loads the output buffer but then the output buffer does not ever change. I am running windows 7 x64 professional on an I7. What am I missing? Eventually, everything stops with a most unceremonious timeout! And yes I am running ver 0.600.

Thanks in advance for the help,

Ron

KK7Z

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Adam Rozanski
Sent: Thursday, September 15, 2011 6:02 PM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: How Connect ?

Paul conneced to you today but looks like you dont know where to put your reply what you have to do is type something in the lower box and asend it to the transmit box by hiting what ever key you have set to do it Uou did send your name and qth then dont know what happend nothing came back after that Adam ka2uol

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To: V4Protocol@yahoogroups.com
From: edmcgaha@...
Date: Thu, 15 Sep 2011 11:00:02 -0700
Subject: Re: [V4Protocol] Re: How Connect ?

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From: Ray <ray.goodall@...>
To: V4Protocol@yahoogroups.com
Sent: Thursday, September 15, 2011 7:14 PM
Subject: RE: [V4Protocol] Re: How Connect ?

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Just type something out and send it.

Paul, I do recommend reading the help files thoroughly. They are well written and Rick has done a good job with them and the program. Have been working with the program and sending in reports since December of last year, so am somewhat familiar with the program.

Good luck and keep looking for contacts. You will learn something on every connect.

Ray

_____

From: V4Protocol@yahoogroups.com [mailto: V4Protocol@yahoogroups.com] On Behalf Of kc2nyu
Sent: Thursday, September 15, 2011 10:17 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: How Connect ?

Ray - for some reason I was never connected. So here is what I should do?
- Call CQ
- Someone responds, I go to ARQ tab and type their call in the Call CQ box and send
- Does the software "connect us" and I should see "connected " in the soundcard window? Never got that far but will try again.

Paul

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> , " Ray " <ray.goodall@...> wrote:
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>
>
> Ray KB0E
>
> _____
>
> From: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> [mailto:V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>] On
> Behalf Of kc2nyu
> Sent: Thursday, September 15, 2011 9:45 AM
> To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> Subject: [V4Protocol] How Connect ?
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> connect???????????
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> Paul
> KC2NYU
>

1935. Re: [V4Protocol] Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 00:08:41 UTC
From: Rick Westerfield
Topic: 1922 Message: 1935

I connected to you today at lunch and some characters from you made it to my machine but mostly not. I had a V4 Chat with W3BI immediately after my attempt with you on the same frequency and all went well. That qso lasted maybe 15 minutes with little trouble.

I had a very strong signal from your station when attempting with you. So I am guessing that you might be getting RF into your lines or sound card.

What is your interface? I use a Signalink USB that works very well.

Do you have a resonant antenna for 20 meters? A beam is certainly not required but using an antenna tuner to assist with using a non resonant antenna gives me lots of trouble.

Rick KH2DF

Sent from my iPhone

On Sep 15, 2011, at 6:52 PM, "Ron Settle" <settleron@comcast.net> wrote:

> I am having similar issues. Read all the help files. I am having no issues connecting. I've done that several times… My software is set to send with crtl/cr. I see the iss/isr hand off to me . The ctrl/cr action loads the output buffer but then the output buffer does not ever change. I am running windows 7 x64 professional on an I7. What am I missing? Eventually, everything stops with a most unceremonious timeout! And yes I am running ver 0.600.
>
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>
> Thanks in advance for the help,
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> Ron
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> KK7Z
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>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Adam Rozanski
> Sent: Thursday, September 15, 2011 6:02 PM
> To: v4protocol@yahoogroups.com
> Subject: RE: [V4Protocol] Re: How Connect ?
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> Paul conneced to you today but looks like you dont know where to put your reply what you have to do is type something in the lower box and asend it to the transmit box by hiting what ever key you have set to do it Uou did send your name and qth then dont know what happend nothing came back after that
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> To: V4Protocol@yahoogroups.com
> From: edmcgaha@...
> Date: Thu, 15 Sep 2011 11:00:02 -0700
> Subject: Re: [V4Protocol] Re: How Connect ?
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> From: Ray <ray.goodall@...>
> To: V4Protocol@yahoogroups.com
> Sent: Thursday, September 15, 2011 7:14 PM
> Subject: RE: [V4Protocol] Re: How Connect ?
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> Paul, I do recommend reading the help files thoroughly. They are well written and Rick has done a good job with them and the program. Have been working with the program and sending in reports since December of last year, so am somewhat familiar with the program.
>
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>
> Good luck and keep looking for contacts. You will learn something on every connect.
>
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>
> Ray
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> From: V4Protocol@yahoogroups.com [mailto: V4Protocol@yahoogroups.com] On Behalf Of kc2nyu

> Sent: Thursday, September 15, 2011 10:17 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: How Connect ?
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> Ray - for some reason I was never connected. So here is what I should do?
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> > From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> > Behalf Of kc2nyu
> > Sent: Thursday, September 15, 2011 9:45 AM
> > To: V4Protocol@yahoogroups.com
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> > Paul
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> >

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1936. RE: [V4Protocol] Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 00:33:12 UTC
From: Ron Settle
Topic: 1922 Message: 1936

I also use a signalink. This setup works well with every digital format that I have tried save this one. Even earlier versions of V4Chat (0.4) have worked. I doubt that RF in the sound card is the problem. Don't think that I would connect if it were. Maybe I am wrong.

Nothing left the OB. I sat waiting for it to empty but then we timed out. I use a Cushcraft A3 for 10,15,and 20M. All are resonant with good vswr (no tuner required). FEC mode will transmit and dump the OB just not ARQ. Anybody got any ideas?

Ron

KK7Z

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Westerfield
Sent: Thursday, September 15, 2011 7:09 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: How Connect ?

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Do you have a resonant antenna for 20 meters? A beam is certainly not required but using an antenna tuner to assist with using a non resonant antenna gives me lots of trouble.

Rick KH2DF

Sent from my iPhone

On Sep 15, 2011, at 6:52 PM, "Ron Settle" <settleron@...> wrote:

I am having similar issues. Read all the help files. I am having no issues connecting. I've done that several times… My software is set to send with crtl/cr. I see the iss/isr hand off to me . The ctrl/cr action loads the output buffer but then the output buffer does not ever change. I am running windows 7 x64 professional on an I7. What am I missing? Eventually, everything stops with a most unceremonious timeout! And yes I am running ver 0.600.

Thanks in advance for the help,

Ron

KK7Z

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Adam Rozanski
Sent: Thursday, September 15, 2011 6:02 PM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: How Connect ?

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Date: Thu, 15 Sep 2011 11:00:02 -0700
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From: Ray <ray.goodall@...>
To: V4Protocol@yahoogroups.com
Sent: Thursday, September 15, 2011 7:14 PM
Subject: RE: [V4Protocol] Re: How Connect ?

No! If you are calling CQ and someone answers you that is all you need to do other than make sure your machine is answering correctly to the ACKs from the other station. Usually there is a line of print on the receive screen that reads something like “connected to so and so” and you are in business. Just type something out and send it.

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Good luck and keep looking for contacts. You will learn something on every connect.

Ray

From: V4Protocol@yahoogroups.com [mailto: V4Protocol@yahoogroups.com] On Behalf Of kc2nyu
Sent: Thursday, September 15, 2011 10:17 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: How Connect ?

Ray - for some reason I was never connected. So here is what I should do?
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> Paul
> KC2NYU
>

1937. Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 02:40:09 UTC
From: Michael
Topic: 1922 Message: 1937

Have you done a latency test? If you are lagging, then it'll be hard to receive an ARQ or ACK (or whatever).

--- In V4Protocol@yahoogroups.com, "Ron Settle" <settleron@...> wrote:
>
> I also use a signalink. This setup works well with every digital format that I have tried save this one. Even earlier versions of V4Chat (0.4) have worked. I doubt that RF in the sound card is the problem. Donâ□□t think that I would connect if it were. Maybe I am wrong.
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> To: V4Protocol@yahoogroups.com
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> > couldn't figure out how to respond. Put your call sign in the call box
> > and saw it go out, but when i tried to type something in the chat
> > window it said can't use until connect. What steps do I need to take to
> > connect???????????
> >
> > Paul
> > KC2NYU
> >

>

1938. Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 06:39:02 UTC
From: g4ilo
Topic: 1922 Message: 1938

This appears to be something I have seen as well. QSO starts OK and 3 or 4 lines are sent and received, but the next line won't go into the output buffer and eventually I am disconnected due to time out.

Julian, G4ILO

--- In V4Protocol@yahoogroups.com, "Ron Settle" <settleron@...> wrote:
>
> I am having similar issues. Read all the help files. I am having no issues
> connecting. I've done that several times. My software is set to send with
> crtl/cr. I see the iss/isr hand off to me . The ctrl/cr action loads the
> output buffer but then the output buffer does not ever change. I am running
> windows 7 x64 professional on an I7. What am I missing? Eventually,
> everything stops with a most unceremonious timeout! And yes I am running
> ver 0.600.
>

1939. Re: [V4Protocol] Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 08:33:08 UTC
From: Rick Muething
Topic: 1922 Message: 1939

Ron/All,

If you think there is a real problem in the software or see something strange during a session use the debug log. It contains far more and important details to the trained observer. Send the V4 TNC debug log to me as an attachment. Note the approximate Time UTC the problem was observed. I will take a look and usually can tell exactly what the issues is but sometimes need to see the debug log of the other side of the session.

Rick KN6KB

1940. RE: [V4Protocol] Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 10:55:33 UTC
From: Ron Settle
Topic: 1922 Message: 1940

Rick,

I have a few things to try today and if it is still no joy, I will send you a log.

Ron

KK7Z

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Friday, September 16, 2011 3:33 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: How Connect ?

Ron/All,

If you think there is a real problem in the software or see something strange during a session use the debug log. It contains far more and important details to the trained observer. Send the V4 TNC debug log to me as an attachment. Note the approximate Time UTC the problem was observed. I will take a look and usually can tell exactly what the issues is but sometimes need to see the debug log of the other side of the session.

Rick KN6KB

1941. Re: [V4Protocol] Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 12:25:38 UTC
From: Rick Westerfield
Topic: 1922 Message: 1941

Try setting Signalink delay to zero and give V4 Chat enough audio to bring the receive indicator to mid scale or more.

Rick KH2DF

Sent from my iPhone

On Sep 16, 2011, at 5:55 AM, "Ron Settle" <settleron@...> wrote:

> Rick,
>
>
>
> I have a few things to try today and if it is still no joy, I will send you a log.
>
>
>
> Ron
>
> KK7Z
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
> Sent: Friday, September 16, 2011 3:33 AM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Re: How Connect ?
>
>
>
>
>
> Ron/All,
>
>
>
> If you think there is a real problem in the software or see something strange during a session use the debug log. It contains far more and important details to the trained observer. Send the V4 TNC debug log to me as an attachment. Note the approximate Time UTC the problem was observed. I will take a look and usually can tell exactly what the issues is but sometimes need to see the debug log of the other side of the session.
>
>
>
> Rick KN6KB

>
>
>
>
>

1942. RE: [V4Protocol] Re: How Connect ? --> now SUCCESS

Yahoo group: V4Protocol
Date: 2011-09-16 13:48:54 UTC
From: Ron Settle
Topic: 1922 Message: 1942

First successful QSO with AA1CZ. T/R latency was at 170ms on screen for past attempts turned the signalink delay down all the way (T/R latency 17ms on screen) and things are now working, even at full power.

Thanks for the QSO Al.

Thanks Rick for the advice,

Ron

KK7Z

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Westerfield
Sent: Friday, September 16, 2011 7:26 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: How Connect ?

Try setting Signalink delay to zero and give V4 Chat enough audio to bring the receive indicator to mid scale or more.

Rick KH2DF

Sent from my iPhone

On Sep 16, 2011, at 5:55 AM, "Ron Settle" <settleron@...> wrote:

Rick,

I have a few things to try today and if it is still no joy, I will send you a log.

Ron

KK7Z

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Friday, September 16, 2011 3:33 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: How Connect ?

Ron/All,

If you think there is a real problem in the software or see something strange during a session use the debug log. It contains far more and important details to the trained observer. Send the V4 TNC debug log to me as an attachment. Note the approximate Time UTC the problem was observed. I will take a look and usually can tell exactly what the issues is but sometimes need to see the debug log of the other side of the session.

Rick KN6KB

1943. Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 16:11:21 UTC
From: g4ilo
Topic: 1922 Message: 1943

This happened again this afternoon. I had perfect copy from F1SMV but I could not get any text to leave the OB queue to send to him.

I looked in the debug log and wondered if this might have a bearing on the issue: Timeout on T>R Latency Neasurement; Insufficient background RX noise or > 1000 ms.

Julian, G4ILO

--- In V4Protocol@yahoogroups.com, "g4ilo" <julian.g4ilo@...> wrote:
>
> This appears to be something I have seen as well. QSO starts OK and 3 or 4 lines are sent and received, but the next line won't go into the output buffer and eventually I am disconnected due to time out.
>
> Julian, G4ILO
>

1944. Re: [V4Protocol] Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 16:25:53 UTC
From: Fred G -w1wyc
Topic: 1922 Message: 1944

Hi Julian,

I noticed that same effect when I thought I'd play it smart and use my dummy load to test latency.
My noise level was next to nothing and latency was up around 400 - 500 ms. When my noise level
is higher when attached to an antenna (S7-S9) my latency is down around 60 to 80 ms. The average
S level here is around S5. My latency then is around 100 ms.

73,
Fred, W1WYC

----- Original Message -----
From: g4ilo
To: V4Protocol@yahoogroups.com
Sent: Friday, September 16, 2011 12:11 PM
Subject: [V4Protocol] Re: How Connect ?

This happened again this afternoon. I had perfect copy from F1SMV but I could not get any text to leave the OB queue to send to him.

I looked in the debug log and wondered if this might have a bearing on the issue: Timeout on T>R Latency Neasurement; Insufficient background RX noise or > 1000 ms.

Julian, G4ILO

--- In V4Protocol@yahoogroups.com, "g4ilo" <julian.g4ilo@...> wrote:
>
> This appears to be something I have seen as well. QSO starts OK and 3 or 4 lines are sent and received, but the next line won't go into the output buffer and eventually I am disconnected due to time out.
>
> Julian, G4ILO
>

1945. Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 16:29:13 UTC
From: Fred Bourne
Topic: 1922 Message: 1945

Hi All I had the same as Julian G4ILO with F1SMV, and this is the second time with

Eric I have connect but no text . Than I had a QSO with LA7UM Finn and this was a

Full QSO, and it worked fine both ways.

Fred G3YJQ

1946. Re: [V4Protocol] Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 16:40:17 UTC
From: Rick Muething
Topic: 1922 Message: 1946

Fred/All,

We'll make no progress on fixing this until I can see the debug log. I know I sound like a broken record but that is the ONLY practical way we have now of dealing with the hundreds of details going on inside the protocol.

If you have a problem:
1) Note the approximate time UTC that it was observed. The closer you can pin this down the less "wading" I have to do through your logs.
2) Describe the problem as to what was observed. E.g. No outbound queue value after typing etc.
3) Send me the log as an attachment to rmuethingATcfl.rr.com. Don't cut and paste into a email just attach the log.

Rick KN6KB

1947. Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 16:50:31 UTC
From: kc2nyu
Topic: 1922 Message: 1947

OK here is my update the thread I guess I started with answers to several questions.
- I was in ARQ mode
- I have NOW read all the help files
- I do know which block to put my outgoing text
- I use a Signalink USB interface, Z-11Pro auto tuner, My antenna has a good SWR on 20M. (The rig has worked fine on PSK31, WSPR and JT65-HF)
- The latency on V4 varies from 7-56
- My status showed as Connected, but when I hit send, the text wouldn't go out (I did not at the time notice if it went to the buffer or what the buffer number was.) But people were saying you have to send something before it times out and I was trying, it wouldn't go.

Thanks for all the replies
Paul
KC2NYU

--- In V4Protocol@yahoogroups.com, Rick Westerfield <r_lwesterfield@...> wrote:
>
> Try setting Signalink delay to zero and give V4 Chat enough audio to bring the receive indicator to mid scale or more.
>
> Rick KH2DF
>
> Sent from my iPhone
>
> On Sep 16, 2011, at 5:55 AM, "Ron Settle" <settleron@...> wrote:
>
> > Rick,
> >
> >
> >
> > I have a few things to try today and if it is still no joy, I will send you a log.
> >
> >
> >
> > Ron
> >
> > KK7Z
> >
> >
> >
> > From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
> > Sent: Friday, September 16, 2011 3:33 AM
> > To: V4Protocol@yahoogroups.com
> > Subject: Re: [V4Protocol] Re: How Connect ?

> >
> >
> >
> >
> >
> > Ron/All,
> >
> >
> >
> > If you think there is a real problem in the software or see something strange during a session use the debug log. It contains far more and important details to the trained observer. Send the V4 TNC debug log to me as an attachment. Note the approximate Time UTC the problem was observed. I will take a look and usually can tell exactly what the issues is but sometimes need to see the debug log of the other side of the session.
> >
> >
> >
> > Rick KN6KB
> >
> >
> >
> >
> >
>

1948. Re: [V4Protocol] Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 16:51:27 UTC
From: Rick Muething
Topic: 1922 Message: 1948

All,

As described in the help. The latency measurement measures the time in ms from the release of the PTT until the receiver has audio. So it must have some audio to measure and this comes from the background noise. (Normally when your transmitter is keyed there is virtually no receiver audio output). To get this background noise requires:
1) Having your AGC on (generally fast is best). This boosts the background to a standard audio level
2) Some backround RF noise...NEVER a problem on HF when you have an antenna connected. If you have no antenna or a dummy load there may not be sufficient noise to trigger the measurement.

The measurement doesn’t do ANYTHING with the measured results ...it just displays them primarily for the purpose of helping to correctly setting up your keying (e.g. making you aware your SignaLink DLY value is set above minimum etc) There is a 1000 ms bailout and the measurement should never be that long unless you have no noise or the SignaLink DLY way up there.

If you can’t get a measurement due to no background you can tune to a signal or even a built in calibrator output and try to make the measurement again. It is just receive level that tells the measurement the receiver has recovered from release of the PTT.

If your latency is truly too long what will happen is you will never hear and decode an ACK. If you call a station and get a connection notice it is probably fine since you received the ACK.

On most items the help file has an index and using it will locate the key word and the page or pages that cover it.

73,

Rick KN6KB

1949. Re: [V4Protocol] Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 16:55:55 UTC
From: Rick Muething
Topic: 1922 Message: 1949

But Paul....where is your debug log? That will tell me everything and not waste peoples time speculating.

For example:
You did not say whether you were the IRS or the ISS when it wouldn't update the Outbound buffer.
You did not say whether the other station was sending IDL's (if you were the IRS)

All this and much much more is in the debug log. Send it to me with the approximate time and a description of the problem and I'll either fix it or tell you what was happening .

73,
Rick KN6KB

1950. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-16 17:29:49 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 1950

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.6.0.1 Test Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : Test install...not for Newbies! Trying to check radio control and click to Tune functions.

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.6.0.1%20Test%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

1951. Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Yahoo group: V4Protocol
Date: 2011-09-16 17:50:47 UTC
From: kn6kb
Topic: 1951 Message: 1951

I have uploaded a new test version. This is not released and I need some feedback on it. If you are new, just getting started or expect bulletproof code DON'T TRY THIS version

Since this is a test version I did NOT put it on auto upeate. You must do a complete uninstall reinstall to try this out.

New features in test:

Now Right mouse click on Keyboard or Session text windows will bring up sub menu allowing Cut, copy, paste or clear all (no paste on Session text). The shortcut keys (e.g. Ctrl+C etc) will also work and are listed on the pop ups.

If you add a contact using the mini log it will default the call sign entry to the current (or the last if not connected) call sign.

IF you are using radio control:
I have verified these on at least one Kenwood and one Flex radio. It should work for those models.

If you change the radio frequency using the radio control via the mini log or you manually retune the radio the frequency shold display where it says "waterfall" on the V4 TNC menu.

If you see a V4 session in the waterfall but not on frequency if you click on the center of the signal in the waterfall it should retune the radio placing it in the center of the waterfall.

This will not yet work for other radios but it should make a necessary log entry for Icom radios in the MAIN v4 LOG (not the V4 TNC debug log). I need to see that log and I think I can get the Icom to work.

All other functionality of this test version should be the same as 0.6.0.0

I could use some feedback on:
1) Is this helpful in terms of how you would use the V4 Chat software?
2) If you have an Icom or Flex radio and are using radio control did it set the frequency correctly and update the V4 TNC frequency display?
3) If you have an Icom amateur radio (not NMEA) did you get a log entry (Main V4 Log) saying something like:[RadioResponse] Icom reply:... If so I need to see that log and what your Icom model was.

Thanks,

Rick KN6KB

1952. Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 18:55:10 UTC
From: la7um
Topic: 1922 Message: 1952

Fred/RIck. I could add: If hooked for Ctrl Cr, so remember use the corresponding action. XP home. My first try on this SW. Working well. I have debug logs, but so far not necessary sending I think. My latency from 30ms to 50ms. Signalink USB.

Fred, you obviously did that correct, and I as well...by some luck.

Good use of Bold for RX and Italics and different colours for TX Rick.
Should work well for coulour disabled hams.

One minor issue, might be mentioned, and needs later systematic tests and timing compaired with the debug logs: That is some times one letter dissapears in the beginning of a word when text is moved to upper window.

I did not notice before checking scroll windows after the qso.

I actually also did some typos, so did not notice real time.

This maybe is just a trade off due to "slickness" in changeover, as protocoll by memory is not intended being as bulletproof as WINMOR. So maybe the counter station also did not get that missing letter.

I would guess that maybe a "weak point" is all the idle changeovers if the counterstation did not yet enter the Ctrl Cr.

Bottom line as seen by a newbie:
Good work Rick. Interesting mode. Congratulations!

73. LA7UM FINN

--- In V4Protocol@yahoogroups.com, "Fred Bourne" <g3yjq@...> wrote:
>
> Hi All I had the same as Julian G4ILO with F1SMV, and this is the second
> time with
>
> Eric I have connect but no text . Than I had a QSO with LA7UM Finn and
> this was a
>
> Full QSO, and it worked fine both ways.
>
>
>
> Fred G3YJQ
>

1953. Re: [V4Protocol] Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 19:03:20 UTC
From: Fred Bourne
Topic: 1922 Message: 1953

Hi Rick.

Up till the last few days I've not had any problems with software.

The only station I was not able to QSO with was F1SMC Eric

All the rest have been fine in total 14 QSO's. So I think

Eric may have a latency problem.

Thanks for a great program

Fred G3YJQ

1954. Re: How Connect ?

Yahoo group: V4Protocol
Date: 2011-09-16 19:10:13 UTC
From: Michael
Topic: 1922 Message: 1954

Rick,

With latency, I did notice one unusual thing. I'm running a Flex-3000, set up as per the help file. I get latencies of around 125 or so. I noticed that I didn't have a lot of RX signal, so I bumped up the output from the flex to the decoder. Testing latency again showed it to go up into the 500's range, which really puzzled me. The only thing I changed was the signal level. I pulled the signal level back down to just a bit above the green bar and the latency dropped also, back into the 125 range. Nothing else was changed. Kinda weird.

Michael

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> All,
>
> As described in the help. The latency measurement measures the time in ms from the release of the PTT until the receiver has audio. So it must have some audio to measure and this comes from the background noise. (Normally when your transmitter is keyed there is virtually no receiver audio output). To get this background noise requires:
> 1) Having your AGC on (generally fast is best). This boosts the background to a standard audio level
> 2) Some backround RF noise...NEVER a problem on HF when you have an antenna connected. If you have no antenna or a dummy load there may not be sufficient noise to trigger the measurement.
>
> The measurement doesnâ□□t do ANYTHING with the measured results ...it just displays them primarily for the purpose of helping to correctly setting up your keying (e.g. making you aware your SignaLink DLY value is set above minimum etc) There is a 1000 ms bailout and the measurement should never be that long unless you have no noise or the SignaLink DLY way up there.
>
> If you canâ□□t get a measurement due to no background you can tune to a signal or even a built in calibrator output and try to make the measurement again. It is just receive level that tells the measurement the receiver has recovered from release of the PTT.
>
> If your latency is truly too long what will happen is you will never hear and decode an ACK. If you call a station and get a connection notice it is probably fine since you received the ACK.
>
> On most items the help file has an index and using it will locate the key word and the page or pages that cover it.
>
> 73,
>
> Rick KN6KB
>

1955. Re: Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Yahoo group: V4Protocol
Date: 2011-09-16 19:57:49 UTC
From: k1dow_4
Topic: 1951 Message: 1955

Excellent improvement for me regarding the pop up command menu in the system windows, Rick. The logging feature is working fine, too. Since I use manual control of my FT-840, I can't comment on any rig control features, but all that applies to my use of the program here is working just fine.
73/RussArcadia, FL

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> I have uploaded a new test version. This is not released and I need some feedback on it. If you are new, just getting started or expect bulletproof code DON'T TRY THIS version
>
> Since this is a test version I did NOT put it on auto upeate. You must do a complete uninstall reinstall to try this out.
>
> New features in test:
>
> Now Right mouse click on Keyboard or Session text windows will bring up sub menu allowing Cut, copy, paste or clear all (no paste on Session text). The shortcut keys (e.g. Ctrl+C etc) will also work and are listed on the pop ups.
>
> If you add a contact using the mini log it will default the call sign entry to the current (or the last if not connected) call sign.
>
> IF you are using radio control:
> I have verified these on at least one Kenwood and one Flex radio. It should work for those models.
>
> If you change the radio frequency using the radio control via the mini log or you manually retune the radio the frequency shold display where it says "waterfall" on the V4 TNC menu.
>
> If you see a V4 session in the waterfall but not on frequency if you click on the center of the signal in the waterfall it should retune the radio placing it in the center of the waterfall.
>
> This will not yet work for other radios but it should make a necessary log entry for Icom radios in the MAIN v4 LOG (not the V4 TNC debug log). I need to see that log and I think I can get the Icom to work.
>
> All other functionality of this test version should be the same as 0.6.0.0
>

> I could use some feedback on:
> 1) Is this helpful in terms of how you would use the V4 Chat software?
> 2) If you have an Icom or Flex radio and are using radio control did
it set the frequency correctly and update the V4 TNC frequency display?
> 3) If you have an Icom amateur radio (not NMEA) did you get a log
entry (Main V4 Log) saying something like:[RadioResponse] Icom reply:...
If so I need to see that log and what your Icom model was.
>
> Thanks,
>
> Rick KN6KB
>

1956. Re: [V4Protocol] Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Yahoo group: V4Protocol
Date: 2011-09-16 20:10:02 UTC
From: Ron Wenig
Topic: 1951 Message: 1956

Rick,

I have a Kenwood TS-590 and it looks like everything mentioned is working, even clicking on the waterfall. Having the text move up in the upper box and text in the lower box that's faded is very handy to keep track of the QSO and text that is sent. It looks great.

Ron ny3j

On 9/16/2011 1:50 PM, kn6kb wrote:
>
> I have uploaded a new test version. This is not released and I need
> some feedback on it. If you are new, just getting started or expect
> bulletproof code DON'T TRY THIS version
>
> Since this is a test version I did NOT put it on auto upeate. You must
> do a complete uninstall reinstall to try this out.
>
> New features in test:
>
> Now Right mouse click on Keyboard or Session text windows will bring
> up sub menu allowing Cut, copy, paste or clear all (no paste on
> Session text). The shortcut keys (e.g. Ctrl+C etc) will also work and
> are listed on the pop ups.
>
> If you add a contact using the mini log it will default the call sign
> entry to the current (or the last if not connected) call sign.
>
> IF you are using radio control:
> I have verified these on at least one Kenwood and one Flex radio. It
> should work for those models.
>
> If you change the radio frequency using the radio control via the mini
> log or you manually retune the radio the frequency shold display where
> it says "waterfall" on the V4 TNC menu.
>
> If you see a V4 session in the waterfall but not on frequency if you
> click on the center of the signal in the waterfall it should retune
> the radio placing it in the center of the waterfall.
>
> This will not yet work for other radios but it should make a necessary
> log entry for Icom radios in the MAIN v4 LOG (not the V4 TNC debug
> log). I need to see that log and I think I can get the Icom to work.
>

> All other functionality of this test version should be the same as
> 0.6.0.0
>
> I could use some feedback on:
> 1) Is this helpful in terms of how you would use the V4 Chat software?
> 2) If you have an Icom or Flex radio and are using radio control did
> it set the frequency correctly and update the V4 TNC frequency display?
> 3) If you have an Icom amateur radio (not NMEA) did you get a log
> entry (Main V4 Log) saying something like:[RadioResponse] Icom
> reply:... If so I need to see that log and what your Icom model was.
>
> Thanks,
>
> Rick KN6KB
>
>

1957. Re: [V4Protocol] Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Yahoo group: V4Protocol
Date: 2011-09-16 20:38:52 UTC
From: Rick Muething
Topic: 1951 Message: 1957

Thanks Ron,

I think it is OK for the Flex and the Kenwoods but I still need to get the frequency read back code working for the Icoms, Yaesu and others. Of course none are the same and even some are different from the same manufacturer.

If I can capture the Icom reply in the V4 Chat<date>.log the Icom should be fairly easy.

73,

Rick KN6KB

1958. Re: [V4Protocol] Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Yahoo group: V4Protocol
Date: 2011-09-16 22:59:05 UTC
From: Robert Mitchell
Topic: 1951 Message: 1958

Rick,
i have Icom 706MKIIG, everthing works as you describe, except the waterfall does not track when manually tuning.

snippet of log
2011/09/16 21:09:06 {Status} *** Startup of V4Chat Ver 0.6.0.1 ; Auto Update Enabled using HTTP port 8776
2011/09/16 21:09:06 {Status} *** V4 TNC TCP OK on port 8510
2011/09/16 21:09:06 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,0,F1,3,FD]
2011/09/16 21:09:06 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,58,3,0,30,7,14,0,FD]
2011/09/16 21:09:07 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,0,F1,3,FD]
2011/09/16 21:09:07 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,58,3,0,30,7,14,0,FD]
2011/09/16 21:09:09 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,0,F1,3,FD]
2011/09/16 21:09:09 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,58,3,0,30,7,14,0,FD]
2011/09/16 21:09:10 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,0,F1,3,FD]
2011/09/16 21:09:10 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,58,3,0,30,7,14,0,FD]
2011/09/16 21:09:11 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,0,F1,3,FD]
2011/09/16 21:09:11 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,58,3,0,30,7,14,0,FD]
2011/09/16 21:09:12 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,0,F1,3,FD]
2011/09/16 21:09:12 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,58,3,0,30,7,14,0,FD]
2011/09/16 21:09:13 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,0,F1,3,FD]
2011/09/16 21:09:13 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,58,3,0,30,7,14,0,FD]
2011/09/16 21:09:14 0.6.0.1 [ProcessIcom] Set Freq:007061000
2011/09/16 21:09:14 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,0,F1,5,0,10,6,7,0,FD]
2011/09/16 21:09:14 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,58,FB,FD]
2011/09/16 21:09:14 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,0,F1,6,1,FD]
2011/09/16 21:09:14 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,58,FB,FD]
2011/09/16 21:09:14 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,0,F1,1A,6,0,FD]
2011/09/16 21:09:14 {Info}
*** Freq Changed: 7061.00 KHz Dial
2011/09/16 21:09:14 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,58,FA,FD]
2011/09/16 21:09:14 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,0,F1,3,FD]
2011/09/16 21:09:14 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,58,3,0,10,6,7,0,FD]
2011/09/16 21:09:15 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,0,F1,3,FD]

2011/09/16 21:09:15 0.6.0.1 [RadioResponse] Icom
reply:[FE,FE,F1,58,3,0,10,6,7,0,FD]
2011/09/16 21:09:17 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,0,F1,3,FD]
2011/09/16 21:09:17 0.6.0.1 [RadioResponse] Icom
reply:[FE,FE,F1,58,3,0,10,6,7,0,FD]
2011/09/16 21:09:18 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,0,F1,3,FD]
2011/09/16 21:09:18 0.6.0.1 [RadioResponse] Icom
reply:[FE,FE,F1,58,3,0,10,6,7,0,FD]
2011/09/16 21:09:18 0.6.0.1 [ProcessIcom] Set Freq:014073000
2011/09/16 21:09:19 0.6.0.1 [RadioResponse] Icom
reply:[FE,FE,0,F1,5,0,30,7,14,0,FD]
2011/09/16 21:09:19 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,58,FB,FD]
2011/09/16 21:09:19 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,0,F1,6,1,FD]
2011/09/16 21:09:19 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,58,FB,FD]
2011/09/16 21:09:19 0.6.0.1 [RadioResponse] Icom
reply:[FE,FE,0,F1,1A,6,0,FD]
2011/09/16 21:09:19 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,58,FA,FD]
Bob
N7DHV

On Fri, Sep 16, 2011 at 12:50 PM, kn6kb <rmuething@....com> wrote:

> **
>
>
> I have uploaded a new test version. This is not released and I need some
> feedback on it. If you are new, just getting started or expect bulletproof
> code DON'T TRY THIS version
>
> Since this is a test version I did NOT put it on auto upeate. You must do a
> complete uninstall reinstall to try this out.
>
> New features in test:
>
> Now Right mouse click on Keyboard or Session text windows will bring up sub
> menu allowing Cut, copy, paste or clear all (no paste on Session text). The
> shortcut keys (e.g. Ctrl+C etc) will also work and are listed on the pop
> ups.
>
> If you add a contact using the mini log it will default the call sign entry
> to the current (or the last if not connected) call sign.
>
> IF you are using radio control:
> I have verified these on at least one Kenwood and one Flex radio. It should
> work for those models.
>
> If you change the radio frequency using the radio control via the mini log
> or you manually retune the radio the frequency shold display where it says
> "waterfall" on the V4 TNC menu.
>
> If you see a V4 session in the waterfall but not on frequency if you click

> on the center of the signal in the waterfall it should retune the radio
> placing it in the center of the waterfall.
>
> This will not yet work for other radios but it should make a necessary log
> entry for Icom radios in the MAIN v4 LOG (not the V4 TNC debug log). I need
> to see that log and I think I can get the Icom to work.
>
> All other functionality of this test version should be the same as 0.6.0.0
>
> I could use some feedback on:
> 1) Is this helpful in terms of how you would use the V4 Chat software?
> 2) If you have an Icom or Flex radio and are using radio control did it set
> the frequency correctly and update the V4 TNC frequency display?
> 3) If you have an Icom amateur radio (not NMEA) did you get a log entry
> (Main V4 Log) saying something like:[RadioResponse] Icom reply:... If so I
> need to see that log and what your Icom model was.
>
> Thanks,
>
> Rick KN6KB
>
>
>

--
sent via: twin42tp@...
RESPOND TO:
rmitch1@...

1959. AW: AW: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-14 11:36:24 UTC
From: Siegfried Jackstien
Topic: 1875 Message: 1959

Hello rick
Would this end up in a soft like ros (with fixed frequencies for all bands)
???
but easy to find qso partners this way as far as there are so few users
Greetz
Sigi
Dg9bfc

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Mittwoch, 14. September 2011 10:46
> An: V4Protocol@yahoogroups.com
> Betreff: Re: AW: [V4Protocol] Time to spread out a bit?
>
>
>
> Guys,
> While I don□t want to make the big changes needed for channelized audio
> tuning via the waterfall I can fairly easily add a mechanism (if one is
> using radio control) to allow the mouse or keyboard strokes to step tune
> the transceiver up/down in say 500 Hz steps. This might make it easier to
> search regions nearby (V4 activity 500 Hz up and 500 Hz down should be
> visible on the waterfall if one is not using the narrow filter)
>
> Think about it and suggest something that might be useful.
>
> Rick KN6KB
>
>
>

1960. Re: [V4Protocol] Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Yahoo group: V4Protocol
Date: 2011-09-16 23:19:30 UTC
From: Chris Muir
Topic: 1951 Message: 1960
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Rick,

New version is working OK with my Icom 7000 except:

Adjusting the radio tuning knob does not update the frequency on TNC window below the waterfall. It looks like the CIV data from radio to V4 is not being decoded/displayed.
It is being received according to the log file (attached).

And my responses to your queries.

1) Helpful. Somewhat. I already use the log with a bunch of frequencies entered and click on them to move around.

2) No it does not. See above and attached log files. (My Icom CIV works correctly both ways with FlDigi, Digipan, MixW etc.

3) The radio replies in Icom CIV format look fine.

73, Chris ZL1BOE

1961. Re: AW: AW: [V4Protocol] Time to spread out a bit?

Yahoo group: V4Protocol
Date: 2011-09-16 23:31:49 UTC
From: Rick Muething
Topic: 1875 Message: 1961

Operating practices evolve. And ARQ on HF (since spread spectrum is not allowed) really can’t have two sessions going on the same frequency at the same time. I would guess that V4 Operation would be in some clusters say a couple of KHz wide where you could fit 4-8 connections. Then the click on a waveform of the waterfall makes it easy to monitor and/or connect to a station. Note you still want to probably use the built in DSP 400 Hz filter (that still works on 0.6.0.1 exactly as before but the waterfall display is “pre” filter so you don’t see the filter effects as before. That was necessary to allow you to see the other adjacent sessions.

You really have to see how it evolves. Remember PSK 31 is now about 12 or 13 years old I think.

73,
Rick KN6KB

1962. Re: Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Yahoo group: V4Protocol
Date: 2011-09-16 23:42:21 UTC
From: Kenneth
Topic: 1951 Message: 1962

Nice work Rick. I am not much of a chat guy but this has interested me some. I also do not get manual frequency adjustments displayed on my TS-2000, otherwise great.

73, Ken - ae6la

1963. Re: Special Test version....0.6.0.1 Using the Icom IC-746

Yahoo group: V4Protocol
Date: 2011-09-17 00:10:09 UTC
From: Robert Belize
Topic: 1951 Message: 1963

Rick,tested...Using the Icom IC-746.
I can change the freq up and down by clicking into the waterfall. Works fine and it shows the frequency change on the TNC.
It does't auto tune by clicking the green bar in the middle!If you need a log copy tell me pse...
It log's your qso partner call sign but does't read the freq off the transceiver.
Cut and paste works fine here.
73,Robert

1964. V4 Download Site?

Yahoo group: V4Protocol
Date: 2011-09-17 02:59:10 UTC
From: R. Harrison
Topic: 1964 Message: 1964

Would like to try V4. Where is the software download site. Please.

De Rich N2JR

1965. RE: [V4Protocol] V4 Download Site?

Yahoo group: V4Protocol
Date: 2011-09-17 03:02:18 UTC
From: Rick Westerfield
Topic: 1964 Message: 1965

In the Files section of this Yahoo group.

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of R. Harrison
Sent: Friday, September 16, 2011 9:59 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Download Site?

Would like to try V4. Where is the software download site. Please.

De Rich N2JR

1966. Latency

Yahoo group: V4Protocol
Date: 2011-09-17 06:41:29 UTC
From: Eric Cohen
Topic: 1966 Message: 1966

Hi FRed and Julian and the griup
I readed morning report connection yesterday evening...i thought that you was shy hi...its seems that i have latency prob..ok i ll check .
I was with sdrflex 5 w and hexbeam, vac. I try today with my second station to try my first qso in this new mode hope you meet today saturday if no contest on air.

73 Eric F1smv

1967. Re: [V4Protocol] Re: Special Test version....0.6.0.1 Using the Icom IC-746

Yahoo group: V4Protocol
Date: 2011-09-17 10:26:22 UTC
From: Rick Muething
Topic: 1951 Message: 1967

Robert,
Yes I know it won't show the frequency yet. If you can send me your main V4 Chat<date>.log that should have an example of the frequency readout I need. Just send the entire log for the test/day you did below.

Thanks,

Rick KN6KB

From: Robert Belize
Sent: Friday, September 16, 2011 8:10 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Special Test version....0.6.0.1 Using the Icom IC-746

Rick,
tested...Using the Icom IC-746.

I can change the freq up and down by clicking into the waterfall. Works fine and it shows the frequency change on the TNC.

It does't auto tune by clicking the green bar in the middle!
If you need a log copy tell me pse...

It log's your qso partner call sign but does't read the freq off the transceiver.

Cut and paste works fine here.

73,
Robert

1968. Re: [V4Protocol] Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Yahoo group: V4Protocol
Date: 2011-09-17 10:29:55 UTC
From: Rick Muething
Topic: 1951 Message: 1968

Thanks Chris,

I knew it wouldn’t read back the frequency yet but your log confirms the readback code an and format. I’ll have it fixed on the next rev.

Rick KN6KB

From: Chris Muir
Sent: Friday, September 16, 2011 7:19 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Hi Rick,

New version is working OK with my Icom 7000 except:

Adjusting the radio tuning knob does not update the frequency on TNC window below the waterfall. It looks like the CIV data from radio to V4 is not being decoded/displayed. It is being received according to the log file (attached).

And my responses to your queries.

1) Helpful. Somewhat. I already use the log with a bunch of frequencies entered and click on them to move around.

2) No it does not. See above and attached log files. (My Icom CIV works correctly both ways with FlDigi, Digipan, MixW etc.

3) The radio replies in Icom CIV format look fine.

73, Chris ZL1BOE

1969. Re: [V4Protocol] Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Yahoo group: V4Protocol
Date: 2011-09-17 10:30:41 UTC
From: Rick Muething
Topic: 1951 Message: 1969

Thanks Robert,

That helps me with the format. Should be fixed in the next release.

Rick KN6KB

1970. AW: [V4Protocol] Re: Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Yahoo group: V4Protocol
Date: 2011-09-17 10:22:16 UTC
From: Siegfried Jackstien
Topic: 1951 Message: 1970

Hello Rick
I can not get the cat function to work
Rig is icom 765
Keying via com 1 and opto works fine
Cat-control via com 6 does not ...
How should the icom address be filled in??? The 765 has default 2C or 44 ...
so should I fill in 2c or 44 in the address field?
If everything else fails I would make a contact to you via teamviewer and
you can "have my rig" virtually for testing
Greetz
Sigi
Dg9bfc

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Kenneth
> Gesendet: Freitag, 16. September 2011 23:42
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Re: Special Test version....0.6.0.1 PLEASE READ
> CAREFULLY
>
>
>
>
> Nice work Rick. I am not much of a chat guy but this has interested me
> some. I also do not get manual frequency adjustments displayed on my TS-
> 2000, otherwise great.
>
> 73, Ken - ae6la
>
>
>
>

1971. AW: [V4Protocol] Re: Special Test version....0.6.0.1 Using the Icom IC-746

Yahoo group: V4Protocol
Date: 2011-09-17 11:10:25 UTC
From: Siegfried Jackstien
Topic: 1951 Message: 1971

Hello robert
What were your settings in radio setup??
I cant get the 765 to work with v4 and cat (other cat soft works fine)
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Robert Belize
> Gesendet: Samstag, 17. September 2011 00:10
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Re: Special Test version....0.6.0.1 Using the Icom
> IC-746
>
>
>
> Rick,
> tested...Using the Icom IC-746.
>
>
> I can change the freq up and down by clicking into the waterfall. Works
> fine and it shows the frequency change on the TNC.
>
>
> It does't auto tune by clicking the green bar in the middle!
> If you need a log copy tell me pse...
>
> It log's your qso partner call sign but does't read the freq off the
> transceiver.
>
>
> Cut and paste works fine here.
>
> 73,
> Robert
>
>

1972. Re: AW: [V4Protocol] Re: Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Yahoo group: V4Protocol
Date: 2011-09-17 11:53:48 UTC
From: Rick Muething
Topic: 1951 Message: 1972

Siegfried,
With any Icom the address selected in the setup must match the address set up in the radio. The help files show the default values for most Icom radios but you may have changed yours to some other value (usually a menu setting on the radio). Remember the radio address is in hex and is entered in the Radio control setup of V4Chat as a 2 digit hex number e.g. “04” or “E3” etc. The numbers aren’t critical but they MUST match the settings in the radio.

The readback part of the code in version 0.6.0.1 is incomplete but the set code should work for the 765.

Rick KN6KB

1973. Re: Special Test version....0.6.0.1

Yahoo group: V4Protocol
Date: 2011-09-17 12:20:06 UTC
From: Peter Knight
Topic: 1973 Message: 1973

Hi Rick,

Feedback re: Test Version v0.6.0.1

Setup:

Icom IC-736 ("Early" Icom)

CIV Control Address Hex 40 9600Bd

USB to RS232 Converter COM4

RS232 CAT Controller powered via DTR

Separate PTT TX Line using RTS

"Old" Pentium 4 2.66GHz 2GB RAM

GeForce FX5200 256MB

XP Pro 32 Bit

Crystal Fusion CS4281 PCI Sound Card for System Sounds

SoundBlaster Live PCI Sound Card for Radio

Setup works fine with HRD, Digital Master, JT65, Winmor, etc

Have had a few successful V4 contacts in the past

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:

> Now Right mouse click on Keyboard or Session text windows will bring up
sub menu allowing Cut, copy, paste or clear all (no paste on Session text).
The shortcut keys (e.g. Ctrl+C etc) will also work and are listed on the pop
ups.

All work as expected

> If you add a contact using the mini log it will default the call sign
entry to the current (or the last if not connected) call sign.

Works as expected

> If you change the radio frequency using the radio control via the mini log
the frequency should display where it says "waterfall" on the V4 TNC menu.

Works as expected

If you manually retune the radio the frequency should display where it says "waterfall" on the V4 TNC menu.

Does not work, frequency remains as last set

> If you see a V4 session in the waterfall but not on frequency if you click on the center of the signal in the waterfall it should retune the radio placing it in the center of the waterfall.

Works as expected

> This will not yet work for other radios but it should make a necessary log entry for Icom radios in the MAIN v4 LOG (not the V4 TNC debug log). I need to see that log and I think I can get the Icom to work.

> I could use some feedback on:

> 1) Is this helpful in terms of how you would use the V4 Chat software?

Certainly V4 Chat is becoming more intuitive with each new release. Clicking the Waterfall to change freq is obviously extremely useful! Off Topic Wishes:

Mouse Wheel to Control Frequency whilst hovering over Waterfall?

User Defined Folder to store Logs, etc.

> 2) If you have an Icom or Flex radio and are using radio control did it set the frequency correctly and update the V4 TNC frequency display?

As shown above, outgoing Control works, and frequency is correctly updated during these. However, V4 is not picking up the new frequency as the frequency is changed manually on the Icom. I know data are coming in from the Radio via the COM Port whilst retuning as I have TX/RX LEDs on the USB/RS232 Converter.

> 3) If you have an Icom amateur radio (not NMEA) did you get a log entry (Main V4 Log) saying something like:[RadioResponse] Icom reply:... If so I need to see that log and what your Icom model was.

There are "Radio Response entries in the Log. Will send the two Log Files.

Sorry, Off Topic, I'll repost if needed with more details:

Back in July I could always get a Latency of between 10mS and 100mS, but with later versions (from v 5.1.0), I get no Latency reading, with the usual Log of "Insufficient Background Noise or RX Latency >1000mS".

I have checked the usual "suspects":

Background Noise is well into the green (I have tried varying the Input Level throughout the green range)

No other Applications running on the PC

TNC CPU Usage never exceeds 36%

Squelch set at 5 (I've tried a range of 3 to 6 on Squelch)

AGC is set to "Fast" on the Icom.

However, I've had several successful V4 contacts and all seems to be operating correctly - the ARQ change-over 'feels' and sounds OK.

73 Peter G6EPN

1974. Re: [V4Protocol] Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Yahoo group: V4Protocol
Date: 2011-09-17 13:20:05 UTC
From: Fred G -w1wyc
Topic: 1951 Message: 1974

Hi Rick,

I just downloaded 0.6.0.1. All appears fine. I didn't do it yesterday because this pc and the one I use for V4 are on
separate floors. I use this one for email and the one in the cellar for radio stuff. The rig is an FT-920 and the radio
CAT control works if I click on the waterfall but changing radio frequency manually does nothing. Having the
frequency shown below the waterfall is handy. I noticed that clicking on the waterfall, the frequency the radio is set to
is 10 Hz low. Just a point of interest. I've sent the Debug log file along to your email address. You'll notice I played with
clicking the waterfall.

You've put a lot of work into this. Thanks.
73 &GL,
Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Friday, September 16, 2011 4:38 PM
Subject: Re: [V4Protocol] Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Thanks Ron,

I think it is OK for the Flex and the Kenwoods but I still need to get the frequency read back code working for the Icoms, Yaesu and others. Of course none are the same and even some are different from the same manufacturer.

If I can capture the Icom reply in the V4 Chat<date>.log the Icom should be fairly easy.

73,

Rick KN6KB

1975. Re: [V4Protocol] Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Yahoo group: V4Protocol
Date: 2011-09-17 17:37:29 UTC
From: Rick Muething
Topic: 1951 Message: 1975

Fred,
The code for the Yaesu frequency read back is not in there yet. It is tricky since there are so many models and many different formats used. (so much for standarization!) The click on frequency tuning has a resolution of about 5.9 Hz per pixel so unless you are exactly on center it is easy to be a 10 or more Hz off the frequency. However the normal auto tune (default is +/-100 Hz) should easily capture the signal so it is not critical to get it exact...just close. Also note that depending on the radio it may not resolve the frequency to the nearest Hz which is what is sent to the radio.

Rick KN6KB

From: Fred G -w1wyc
Sent: Saturday, September 17, 2011 9:20 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Hi Rick,

I just downloaded 0.6.0.1. All appears fine. I didn't do it yesterday because this pc and the one I use for V4 are on
separate floors. I use this one for email and the one in the cellar for radio stuff. The rig is an FT-920 and the radio
CAT control works if I click on the waterfall but changing radio frequency manually does nothing. Having the
frequency shown below the waterfall is handy. I noticed that clicking on the waterfall, the frequency the radio is set to
is 10 Hz low. Just a point of interest. I've sent the Debug log file along to your email address. You'll notice I played with
clicking the waterfall.

You've put a lot of work into this. Thanks.
73 &GL,
Fred, W1WYC

1976. RE: [V4Protocol] V4 Download Site?

Yahoo group: V4Protocol
Date: 2011-09-17 17:41:10 UTC
From: R. Harrison
Topic: 1964 Message: 1976

Thanks Rick. Downloaded & made 1st contact on 14073 ARQ w/o problem. Nil heard on 7073 or 10131. Will continue QSX on 14073.

De Rich/N2JR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Westerfield
Sent: Friday, September 16, 2011 11:02 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 Download Site?

In the Files section of this Yahoo group.

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of R. Harrison
Sent: Friday, September 16, 2011 9:59 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Download Site?

Would like to try V4. Where is the software download site. Please.

De Rich N2JR

1977. AW: AW: [V4Protocol] Re: Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Yahoo group: V4Protocol
Date: 2011-09-17 20:08:09 UTC
From: Siegfried Jackstien
Topic: 1951 Message: 1977

No menue to change .. only dip switches ... and all is set to default
1200bd and hex address 2c
Sigi
Dg9bfc

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Samstag, 17. September 2011 11:54
> An: V4Protocol@yahoogroups.com
> Betreff: Re: AW: [V4Protocol] Re: Special Test version....0.6.0.1 PLEASE
> READ CAREFULLY
>
>
>
> Siegfried,
> With any Icom the address selected in the setup must match the address set
> up in the radio. The help files show the default values for most Icom
> radios but you may have changed yours to some other value (usually a menu
> setting on the radio). Remember the radio address is in hex and is
> entered in the Radio control setup of V4Chat as a 2 digit hex number e.g.
> □04□ or □E3□ etc. The numbers aren□t critical but they MUST match the
> settings in the radio.
>
> The readback part of the code in version 0.6.0.1 is incomplete but the set
> code should work for the 765.
>
> Rick KN6KB
>
>

1978. QSX 7073 Over Night.

Yahoo group: V4Protocol
Date: 2011-09-18 03:46:46 UTC
From: rich3x
Topic: 1978 Message: 1978

Will listen for activity on 7073 during night hours of 9-17 EDST.

Would be useful if software included beacon capability. Callsign auto Answer-Back (SELCAL) would be a superb feature.

de Rich/N2JR FM18

1979. Calling CQ after QSO

Yahoo group: V4Protocol
Date: 2011-09-18 13:07:26 UTC
From: Ron Wenig
Topic: 1978 Message: 1979

Rick,

Interesting thing happened after I had a qso with KC2NYU this morning. I answered KC2NYU's CQ with his callsign entered in the call field. We were finishing the QSO and I think he ended it. My station started to call his station requesting a connect. I kept aborting it but it kept calling him. I am sending you the logs. It was around 1300 UTC.

Thanks,

Ron ny3j

1980. Re: Calling CQ after QSO

Yahoo group: V4Protocol
Date: 2011-09-18 13:25:57 UTC
From: rich3x
Topic: 1978 Message: 1980

Ron: Monitored your QSO with KC2nyu & wondered what happened to abruptly end the link. KC2NYU was quite strong here in Virginia. Called him, but no answer -- suspect some problem his end.

de Rich/N2JR

--- In V4Protocol@yahoogroups.com, Ron Wenig <rwenig@...> wrote:
>
> Rick,
>
> Interesting thing happened after I had a qso with KC2NYU this morning.
> I answered KC2NYU's CQ with his callsign entered in the call field. We
> were finishing the QSO and I think he ended it. My station started to
> call his station requesting a connect. I kept aborting it but it kept
> calling him. I am sending you the logs. It was around 1300 UTC.
>
> Thanks,
>
> Ron ny3j
>

1981. Re: [V4Protocol] Re: Calling CQ after QSO

Yahoo group: V4Protocol
Date: 2011-09-18 13:34:22 UTC
From: Fred G -w1wyc
Topic: 1978 Message: 1981

Listening here in Mass. KC2NYU signed with you. He said he was going to have breakfast with the XYL.

Fred, W1WYC

----- Original Message -----
From: rich3x
To: V4Protocol@yahoogroups.com
Sent: Sunday, September 18, 2011 9:25 AM
Subject: [V4Protocol] Re: Calling CQ after QSO

Ron: Monitored your QSO with KC2nyu & wondered what happened to abruptly end the link. KC2NYU was quite strong here in Virginia. Called him, but no answer -- suspect some problem his end.

de Rich/N2JR

--- In V4Protocol@yahoogroups.com, Ron Wenig <rwenig@...> wrote:
>
> Rick,
>
> Interesting thing happened after I had a qso with KC2NYU this morning.
> I answered KC2NYU's CQ with his callsign entered in the call field. We
> were finishing the QSO and I think he ended it. My station started to
> call his station requesting a connect. I kept aborting it but it kept
> calling him. I am sending you the logs. It was around 1300 UTC.
>
> Thanks,
>
> Ron ny3j
>

1982. listening on 14073

Yahoo group: V4Protocol
Date: 2011-09-18 14:01:33 UTC
From: kc5nyj
Topic: 1982 Message: 1982

this morning. just installed the 0.6.0.0 running 50w to a random wire in EL09 San Antonio TX

1983. RE: [V4Protocol] QSX 7073 Over Night.

Yahoo group: V4Protocol
Date: 2011-09-18 15:13:45 UTC
From: Matt Zilmer
Topic: 1978 Message: 1983

Wouldn't SELCAL be unattended operation? We can do that in MARS but not sure it's legal for FCC-regulated Amateur radio services. MARS is regulated by NTIA, so exempt from the unattended ops rules.

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: V4Protocol@yahoogroups.com
From: rh3x@...
Date: Sun, 18 Sep 2011 03:46:46 +0000
Subject: [V4Protocol] QSX 7073 Over Night.

Will listen for activity on 7073 during night hours of 9-17 EDST.

Would be useful if software included beacon capability. Callsign auto Answer-Back (SELCAL) would be a superb feature.

de Rich/N2JR FM18

1984. V4 Chat on 15m

Yahoo group: V4Protocol
Date: 2011-09-18 15:42:31 UTC
From: jgmags2000
Topic: 1984 Message: 1984

Hello group, anyone want to try? I'm on 21.073

KJ1J, John 73

1985. Re: [V4Protocol] QSX 7073 Over Night.

Yahoo group: V4Protocol
Date: 2011-09-18 15:48:18 UTC
From: Rick Muething
Topic: 1978 Message: 1985

There is nothing in the V4 protocol or V4 Chat that is intended to support unattended operation. If you need unattended operation (the ability to initiate a connection, accept a connection, send/receive a message/text while unattended) then you should be using a message protocol like Pactor, or WINMOR. V4 Chat is intended for manned keyboard to keyboard chats or the manned transmission of prepared text file.

Beaconing can dramatically increase QRM and is not used by most HF BBS stations and there are no plans to add it to V4Chat or the V4 TNC.

Rick KN6KB

From: Matt Zilmer
Sent: Sunday, September 18, 2011 11:13 AM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] QSX 7073 Over Night.

Wouldn't SELCAL be unattended operation? We can do that in MARS but not sure it's legal for FCC-regulated Amateur radio services. MARS is regulated by NTIA, so exempt from the unattended ops rules.

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

1986. Re: V4 Chat on 15m

Yahoo group: V4Protocol
Date: 2011-09-18 16:09:50 UTC
From: kc5nyj
Topic: 1984 Message: 1986

I'm there

--- In V4Protocol@yahoogroups.com, "jgmags2000" <jgmags2000@...> wrote:
>
> Hello group, anyone want to try? I'm on 21.073
>
> KJ1J, John 73
>

1987. NEWBE

Yahoo group: V4Protocol
Date: 2011-09-18 16:12:04 UTC
From: theoldbum
Topic: 1987 Message: 1987

how do i get reg number??

1988. Re: [V4Protocol] Re: V4 Chat on 15m

Yahoo group: V4Protocol
Date: 2011-09-18 16:12:18 UTC
From: Andrew O'Brien
Topic: 1984 Message: 1988

Nothing heard
K3UK

On Sun, Sep 18, 2011 at 12:09 PM, kc5nyj <kc5nyj@gmail.com> wrote:

> **
>
>
> I'm there
>
>
> --- In V4Protocol@yahoogroups.com, "jgmags2000" <jgmags2000@...> wrote:
> >
> > Hello group, anyone want to try? I'm on 21.073
> >
> > KJ1J, John 73
> >
>
>
>

1989. Re: [V4Protocol] Re: Calling CQ after QSO

Yahoo group: V4Protocol
Date: 2011-09-18 16:18:32 UTC
From: Ron Wenig
Topic: 1978 Message: 1989

Rich and Fred,

Thanks for the feedback. I knew KC2NYU signed. He probably clicked the end tab and that's when my station tried to connect again with him. It wouldn't stop even when I hit abort. I also remember when I cleared his call from the ARQ call field my station stopped calling him. The computer was taking over :-) Rick has the logs.

Ron ny3j

On 09/18/2011 09:34 AM, Fred G -w1wyc wrote:
>
> Listening here in Mass. KC2NYU signed with you. He said he was going
> to have breakfast with the XYL.
> Fred, W1WYC
>
> ----- Original Message -----
> *From:* rich3x <mailto:rh3x@...>
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Sunday, September 18, 2011 9:25 AM
> *Subject:* [V4Protocol] Re: Calling CQ after QSO
>
> Ron: Monitored your QSO with KC2nyu & wondered what happened to
> abruptly end the link. KC2NYU was quite strong here in Virginia.
> Called him, but no answer -- suspect some problem his end.
>
> de Rich/N2JR
>
> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol@yahoogroups.com>, Ron Wenig <rwenig@...> wrote:
> >
> > Rick,
> >
> > Interesting thing happened after I had a qso with KC2NYU this
> morning.
> > I answered KC2NYU's CQ with his callsign entered in the call
> field. We
> > were finishing the QSO and I think he ended it. My station
> started to
> > call his station requesting a connect. I kept aborting it but it
> kept
> > calling him. I am sending you the logs. It was around 1300 UTC.
> >
> > Thanks,
> >
> > Ron ny3j

> >
>
>

1990. Re: V4 Chat on 15m

Yahoo group: V4Protocol
Date: 2011-09-18 16:19:42 UTC
From: David
Topic: 1984 Message: 1990

thanks for the qso john

great fun
dave
ww2r

--- In V4Protocol@yahoogroups.com, "jgmags2000" <jgmags2000@...> wrote:
>
> Hello group, anyone want to try? I'm on 21.073
>
> KJ1J, John 73
>

1991. Re: V4 Chat on 15m

Yahoo group: V4Protocol
Date: 2011-09-18 16:26:54 UTC
From: kc5nyj
Topic: 1984 Message: 1991

Still listening /cqing

--- In V4Protocol@yahoogroups.com, "David" <g4fre@...> wrote:
>
>
> thanks for the qso john
>
> great fun
> dave
> ww2r
>
> --- In V4Protocol@yahoogroups.com, "jgmags2000" <jgmags2000@> wrote:
> >
> > Hello group, anyone want to try? I'm on 21.073
> >
> > KJ1J, John 73
> >
>

1992. Re: Special Test version....0.6.0.1 PLEASE READ CAREFULLY

Yahoo group: V4Protocol
Date: 2011-09-18 16:31:09 UTC
From: ww2r_dave
Topic: 1951 Message: 1992

yes it would be, cant wait for k3 support
Dave

ww2r

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> I could use some feedback on:
> 1) Is this helpful in terms of how you would use the V4 Chat software?
> Thanks,
>
> Rick KN6KB
>

1993. Re: V4 Chat on 15m

Yahoo group: V4Protocol
Date: 2011-09-18 16:39:36 UTC
From: kc5nyj
Topic: 1984 Message: 1993

Back to 14.073

--- In V4Protocol@yahoogroups.com, "kc5nyj" <kc5nyj@...> wrote:
>
>
> Still listening /cqing
>
>
> --- In V4Protocol@...m, "David" <g4fre@> wrote:
> >
> >
> > thanks for the qso john
> >
> > great fun
> > dave
> > ww2r
> >
> > --- In V4Protocol@yahoogroups.com, "jgmags2000" <jgmags2000@> wrote:
> > >
> > > Hello group, anyone want to try? I'm on 21.073
> > >
> > > KJ1J, John 73
> > >
> >
> >
>

1994. Re: [V4Protocol] NEWBE

Yahoo group: V4Protocol
Date: 2011-09-18 16:52:25 UTC
From: Rick Muething
Topic: 1987 Message: 1994

You don’t NEED a registration key to run the software...If you are unregistered and you start the program it just pops up the “nag” reminding you that registration would be nice and is one way we support all the real costs of developing and maintaining the software, third party licenses, and running the systems it runs on and supports.

Now those participating in the beta program (before we get to rev 1.0.0.0...probably in the next month or so) will get a free registration when they complete a minimum number of V4 ARQ connects. That is a thank you for helping with the testing and feedback. After 1.0.0.0 the ARSFI (Amateur Radio Safety Foundation Inc) registration site will be operational and a donation (probably $25) will get you a registration number that will work for one call sign and any –ssid of that call sign. The registration key can be used on any number of computers or instances without restriction.

Again the program does NOT REQUIRE registration to run and there is no time limit or crippling of program functions if unregistered. It is basically a similar mechanism as WINMOR. Note however that V4 and WINMOR registration keys are NOT the same and NOT interchangeable.

Rick KN6KB

From: theoldbum
Sent: Sunday, September 18, 2011 12:12 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] NEWBE

how do i get reg number??

1995. CQ From YO

Yahoo group: V4Protocol
Date: 2011-09-18 18:12:43 UTC
From: yo3hjv
Topic: 1995 Message: 1995

Hello dr. friends!
I installed the software and now I am willing to try it. Is someone QRV on 14.073 to give a try?

73 de YO3HJV, Adrian

1996. Marrying V4 Chat and RMS Express

Yahoo group: V4Protocol
Date: 2011-09-18 18:20:27 UTC
From: Andrew O'Brien
Topic: 1996 Message: 1996

I have successfully configured my station so that V4 Chat (0.6.0.1) and RMS Express with Winmor P2P are open at same time and can PTT upon demand (not simultaneously). I wonder if anyone else is doing this? I am not sure what I really need to do this for, but intiating "QSOs" in V4 and using P2P Winmor to send faster info like bulletins, brag files, etc, might be useful.

Andy K3UK

1997. Re: [V4Protocol] CQ From YO

Yahoo group: V4Protocol
Date: 2011-09-18 18:21:06 UTC
From: Andrew O'Brien
Topic: 1995 Message: 1997

I am on 14073 USB now

On Sun, Sep 18, 2011 at 2:12 PM, yo3hjv <yo3hjv@gmail.com> wrote:

> **
>
>
> Hello dr. friends!
> I installed the software and now I am willing to try it. Is someone QRV on
> 14.073 to give a try?
>
> 73 de YO3HJV, Adrian
>
>
>

1998. Re: [V4Protocol] CQ From YO

Yahoo group: V4Protocol
Date: 2011-09-18 18:32:53 UTC
From: Andrea Borgnino
Topic: 1995 Message: 1998

Just received in Italy:
*
4Chat. Have a ni4Chat. Have a ni4Chat. Have a nice evening, 73 from
Switzerland, hpe cuagn :-)

Ok Adrian, also mny tnx for contV[se[@yTD*M-mny tnx for contmny tnx for
contact in V4Chat. Hact in V4Chat. Have a nice eveni*** CONNECT REQUEST
HB9JAQ de YO3HJV @ 2011/09/18 18:31:13
*** CONNECT REQUEST HB9JAQ de YO3HJV @ 2011/09/18 18:31:18
*
Now i'm on QRX using a Sdr Perseus Receiver, tomorrow i will setup also my
K3 for rx/tx

73 And IW0HK
ROma

On Sun, Sep 18, 2011 at 8:12 PM, yo3hjv <yo3hjv@...> wrote:

> **
>
>
> Hello dr. friends!
> I installed the software and now I am willing to try it. Is someone QRV on
> 14.073 to give a try?
>
> 73 de YO3HJV, Adrian
>
>
>

--
Andrea Borgnino IW0HK - HB9EMK
http://www.mediasuk.org/iw0hk
http://www.mediasuk.org/archive
http://www.biciurbana.org
http://iwohk.tumblr.com/

1999. Re: CQ From YO

Yahoo group: V4Protocol
Date: 2011-09-18 18:43:58 UTC
From: yo3hjv
Topic: 1995 Message: 1999

Yes! It was very nice to see it working! Unfortunately, here was a lot of QRM and I lost connection a few times...

I will try a few more times....

TNX!
Adrian, YO3HJV

--- In V4Protocol@yahoogroups.com, Andrea Borgnino <a.borgnino@...> wrote:
>
> Just received in Italy:
> *
> 4Chat. Have a ni4Chat. Have a ni4Chat. Have a nice evening, 73 from
> Switzerland, hpe cuagn :-)
>
> Ok Adrian, also mny tnx for contV[se[@yTD*M-mny tnx for contmny tnx for
> contact in V4Chat. Hact in V4Chat. Have a nice eveni*** CONNECT REQUEST
> HB9JAQ de YO3HJV @ 2011/09/18 18:31:13
> *** CONNECT REQUEST HB9JAQ de YO3HJV @ 2011/09/18 18:31:18
> *
> Now i'm on QRX using a Sdr Perseus Receiver, tomorrow i will setup also my
> K3 for rx/tx
>
> 73 And IW0HK
> ROma
>
>
> On Sun, Sep 18, 2011 at 8:12 PM, yo3hjv <yo3hjv@...> wrote:
>
> > **
> > >
> > >
> > Hello dr. friends!
> > I installed the software and now I am willing to try it. Is someone QRV on
> > 14.073 to give a try?
> > >
> > 73 de YO3HJV, Adrian
> > >
> > >
> > >
> >
> >
> >
> --
> Andrea Borgnino IW0HK - HB9EMK
> http://www.mediasuk.org/iw0hk

> http://www.mediasuk.org/archive
> http://www.biciurbana.org
> http://iwohk.tumblr.com/
>

2000. Re: [V4Protocol] Marrying V4 Chat and RMS Express

Yahoo group: V4Protocol
Date: 2011-09-18 18:44:06 UTC
From: Rick Muething
Topic: 1996 Message: 2000

Andy,
Yes I know it is possible but I don't really understand how or why it would be used. The main difference is RMS Express is a message client. It sends prepared messages (with optional attachments) via any of several protocols (Telnet, Packet, Pactor, WINMOR, Robust Packet) either to a WL2K server or to another RMS in peer to peer mode. But V4 is intended to be a narrow band keyboard chat mechanism that is fast enough to support a reasonably decent typist (about 40 WPM) in a live (attended) connection. But there is nothing in the WINMOR or V4 code that won't allow both RMS Express and V4 chat to be both open at the same time AS LONG AS BOTH DON'T TRY TO KEY AT THE SAME TIME!

Perhaps down the road if there were a lot of demand we could add a chat mode to RMS Express but it really is a different usage and I think in the end could be confusing to users. To me anyway that seems something like running Skype and Outlook express at the same time...yes its possible but is that a reason to combine the two programs?

The RMS Trimode server (which a few of us are testing) does operate in three modes all at the same time. At least it listens for connections simultaneously on Pactor (1,2,3,) Robust Packet, and WINMOR. Once a connection is made the other modes are disabled. That requires some simple electrical mixing of the audio from three TNCs (PTC II, SCS Tracker, WINMOR) but it is not difficult and works well. The goal with this is to allow fewer RMS stations to support more users by being able to operate multi mode.

Rick KN6KB

From: Andrew O'Brien
Sent: Sunday, September 18, 2011 2:20 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Marrying V4 Chat and RMS Express

I have successfully configured my station so that V4 Chat (0.6.0.1)
and RMS Express with Winmor P2P are open at same time and can PTT upon
demand (not simultaneously). I wonder if anyone else is doing this?
I am not sure what I really need to do this for, but intiating "QSOs"
in V4 and using P2P Winmor to send faster info like bulletins, brag
files, etc, might be useful.

Andy K3UK

2001. trouble

Yahoo group: V4Protocol
Date: 2011-09-18 19:01:41 UTC
From: theoldbum
Topic: 2001 Message: 2001

HI please help I cant send the e mail to get my reg. number for my ham call I got the one for my mars call but the e mail comes back with error message and it will not go out.

2002. Re: [V4Protocol] trouble

Yahoo group: V4Protocol
Date: 2011-09-18 19:44:18 UTC
From: Rick Muething
Topic: 2001 Message: 2002

There is no registration process enabled yet for V4. You don’t need to register the program to use it. Please read the help on Registration if you have questions.

Rick KN6KB

From: theoldbum
Sent: Sunday, September 18, 2011 3:01 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] trouble

HI please help I cant send the e mail to get my reg. number for my ham call I got the one for my mars call but the e mail comes back with error message and it will not go out.

2003. Re: [V4Protocol] trouble

Yahoo group: V4Protocol
Date: 2011-09-18 20:27:07 UTC
From: William Calderwood
Topic: 2001 Message: 2003

Rick -

I have a small issue with the V4 terminal program to report. I've noticed it in all of the versions I've used for the past month or so. When I attempt to make an ARQ call right after launching the program I have to click the ARQ Call button twice. After I make my first call it works subsequently with only one click. I realize this is a small issue but if you happen to be working that part of the code you might consider fixing this.

Enjoying my first work with V4 on 15 meters today....

73, Bill K1CT

2004. Log

Yahoo group: V4Protocol
Date: 2011-09-19 03:17:08 UTC
From: Eric Cohen
Topic: 2004 Message: 2004

Hello the group
After my firsts qsos (5) with v4 (thank rick) i must log this qsos question
:in hrd what mode do you put in log ?
I think pac of pactor but sure mistake...idea ? Winmor isnt in tab.
Thank in advance for info.
73 eric

2005. V4 0.6.1.0 and RX audio level

Yahoo group: V4Protocol
Date: 2011-09-19 05:40:11 UTC
From: Juhani
Topic: 2005 Message: 2005

Copy-paste works fine! BTW: I use home made interface; TX/RX audio isolation transformers and optocoupler PTT switch by USB/RS232 adapter. Seems RX RX audio level is much lower than others programms like Multipsk etc.
Because I use sometimes HP Mini 100e minilaptop (W7 Starter + Quick Mix pre-set programm not work) I must adjust this level by level trimmer of my interface, so I hope "more RX gain" of V4! 73 "Yussi" OH7TE

2006. Re: QSX 7073 Over Night.

Yahoo group: V4Protocol
Date: 2011-09-19 08:36:28 UTC
From: Bob Thornton
Topic: 1978 Message: 2006

There is currently some scope for it to happen without intent. After calling CQ with no response yesterday I left my rig on for a couple of hours unattended to monitor activity. On returning much later I found that I had received connect requests about 90 minutes after my CQ. Fortunately (and probably unusually!) I had thought to switch to FEC mode before I left. Otherwise there would have been a couple of minutes of connection and a "failed" QSO to potentially be reported by the other party. So would it be better to have responded with a "beacon text" and quick termination, or should the software automatically revert to FEC mode after a period of keyboard inactivity? I suspect the latter is necessary.

Bob

G3WKW

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> There is nothing in the V4 protocol or V4 Chat that is intended to support unattended operation. If you need unattended operation (the ability to initiate a connection, accept a connection, send/receive a message/text while unattended) then you should be using a message protocol like Pactor, or WINMOR. V4 Chat is intended for manned keyboard to keyboard chats or the manned transmission of prepared text file.
>
> Beaconing can dramatically increase QRM and is not used by most HF BBS stations and there are no plans to add it to V4Chat or the V4 TNC.
>
> Rick KN6KB
>
> From: Matt Zilmer
> Sent: Sunday, September 18, 2011 11:13 AM
> To: v4protocol@yahoogroups.com
> Subject: RE: [V4Protocol] QSX 7073 Over Night.
>
>
>
>
> Wouldn't SELCAL be unattended operation? We can do that in MARS but not sure it's legal for FCC-regulated Amateur radio services. MARS is regulated by NTIA, so exempt from the unattended ops rules.
>
> Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
> NMCM RMS Winmor: NNU9ET-5: Upland, CA.
>

2007. Re: [V4Protocol] V4 0.6.1.0 and RX audio level

Yahoo group: V4Protocol
Date: 2011-09-19 12:18:18 UTC
From: Rick Muething
Topic: 2005 Message: 2007

Yussi,

Read about RX level in the Help. There is nothing in the program that sets the RF gain. It is controlled by external sources: Radio, Sound card Interface, or Windows Mixer.

Rick KN6KB

From: Juhani
Sent: Monday, September 19, 2011 1:40 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 0.6.1.0 and RX audio level

Copy-paste works fine! BTW: I use home made interface; TX/RX audio isolation transformers and optocoupler PTT switch by USB/RS232 adapter. Seems RX RX audio level is much lower than others programms like Multipsk etc.
Because I use sometimes HP Mini 100e minilaptop (W7 Starter + Quick Mix pre-set programm not work) I must adjust this level by level trimmer of my interface, so I hope "more RX gain" of V4! 73 "Yussi" OH7TE

2008. Re: [V4Protocol] trouble

Yahoo group: V4Protocol
Date: 2011-09-19 12:47:33 UTC
From: Fred G -w1wyc
Topic: 2001 Message: 2008

Bill,

I've noticed the same thing but I found its because the window the ARQ call button is in is not on top. The first click puts it on top and the second one keys it.

Fred, W1WYC

----- Original Message -----
From: William Calderwood
To: V4Protocol@yahoogroups.com
Sent: Sunday, September 18, 2011 4:27 PM
Subject: Re: [V4Protocol] trouble

Rick -

I have a small issue with the V4 terminal program to report. I've noticed it in all of the versions I've used for the past month or so. When I attempt to make an ARQ call right after launching the program I have to click the ARQ Call button twice. After I make my first call it works subsequently with only one click. I realize this is a small issue but if you happen to be working that part of the code you might consider fixing this.

Enjoying my first work with V4 on 15 meters today....

73, Bill K1CT

2009. Re: [V4Protocol] trouble

Yahoo group: V4Protocol
Date: 2011-09-19 13:26:19 UTC
From: William Calderwood
Topic: 2001 Message: 2009

Fred -

  Thanks for the feedback... BTW there is one other thing I notice regarding unexpected functionality.... when I call a station in ARQ I have to click the call button. My natural tendency is to press the Enter key to start the ARQ call, but this does not work.

73, Bill K1CT

From: Fred G -w1wyc <f_garside@verizon.net>
To: V4Protocol@yahoogroups.com
Sent: Monday, September 19, 2011 5:47 AM
Subject: Re: [V4Protocol] trouble

Bill,

I've noticed the same thing but I found its because
the window the ARQ call button is in is not on top. The first click puts it on
top and the second one keys it.

Fred, W1WYC

----- Original Message -----
>From: William Calderwood
>To: V4Protocol@yahoogroups.com
>Sent: Sunday, September 18, 2011 4:27 PM
>Subject: Re: [V4Protocol] trouble
>
>
>Rick -
>
>   I have a small issue with the V4 terminal program to report. I've noticed it in all of the versions I've used for the past month or so. When I attempt to make an ARQ call right after launching the program I have to click the ARQ Call button twice. After I make my first call it works subsequently with only one click. I realize this is a small issue but if you happen to be working that part of the code you might consider fixing this.
>
>   Enjoying my first work with V4 on 15 meters today....
>
>
>   73, Bill K1CT
>
>
>
>
>
>

2010. Re: [V4Protocol] trouble

Yahoo group: V4Protocol
Date: 2011-09-19 14:07:27 UTC
From: Rick Muething
Topic: 2001 Message: 2010

Bill,

I can verify that and can see no way it should work that way. I'll come up with a work around but need to get these other radio control issues solved first.

Rick

From: William Calderwood
Sent: Sunday, September 18, 2011 4:27 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] trouble

Rick -

I have a small issue with the V4 terminal program to report. I've noticed it in all of the versions I've used for the past month or so. When I attempt to make an ARQ call right after launching the program I have to click the ARQ Call button twice. After I make my first call it works subsequently with only one click. I realize this is a small issue but if you happen to be working that part of the code you might consider fixing this.

Enjoying my first work with V4 on 15 meters today....

73, Bill K1CT

2011. Re: [V4Protocol] trouble

Yahoo group: V4Protocol
Date: 2011-09-19 14:14:44 UTC
From: Rick Muething
Topic: 2001 Message: 2011

Bill,

When you make a call to another station (or even a CQ) you need to have a specially formatted frame with the callers call sign and the target call sign in a special format. That is what the Call button and popup menu do. A simple “CR” would not know what or how to format.

Rick KN6KB

“ Thanks for the feedback... BTW there is one other thing I notice regarding unexpected functionality.... when I call a station in ARQ I have to click the call button. My natural tendency is to press the Enter key to start the ARQ call, but this does not work.

73, Bill K1CT
“

2012. Re: V4 Chat on 15m

Yahoo group: V4Protocol
Date: 2011-09-19 14:44:58 UTC
From: rich3x
Topic: 1984 Message: 2012

Excellent copy from WW2R on 21.073 into Virginia FM18.
de Rich/N2JR

--- In V4Protocol@yahoogroups.com, "David" <g4fre@...> wrote:
>
>
> thanks for the qso john
>
> great fun
> dave
> ww2r
>
> --- In V4Protocol@yahoogroups.com, "jgmags2000" <jgmags2000@> wrote:
> >
> > Hello group, anyone want to try? I'm on 21.073
> >
> > KJ1J, John 73
> >
>

2013. Latency measurements - Yaesu FT-847.

Yahoo group: V4Protocol
Date: 2011-09-19 20:45:21 UTC
From: G4AIU
Topic: 2005 Message: 2013

Hi Rick,

I am checking out V4Chat 0.6.0.0 - CQ calls only at the moment but no QSO's yet!

What I am finding so far is that my latency measurements on the CQ calls are either 31ms or 47ms. It does not matter what frequency I transmit on, be it HF or VHF - it appears to always be either one of these two measurements.

This is my first venture into any ARQ/FEC type mode and thoroughly enjoying it.

Many thanks for your hard work involved in this project - I admire your skills. I am looking forward to the rig control for my two Yeasu rigs - FT-847 and the FT-857D.

73 de Eugene / G4AIU

IO80jx

_____

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: 19 September 2011 13:18
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 0.6.1.0 and RX audio level

Yussi,

Read about RX level in the Help. There is nothing in the program that sets the RF gain. It is controlled by external sources: Radio, Sound card Interface, or Windows Mixer.

Rick KN6KB

From: Juhani <mailto:yufenau@...>

Sent: Monday, September 19, 2011 1:40 AM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] V4 0.6.1.0 and RX audio level

Copy-paste works fine! BTW: I use home made interface; TX/RX audio isolation transformers and optocoupler PTT switch by USB/RS232 adapter. Seems RX RX audio level is much lower than others programms like Multipsk etc.
Because I use sometimes HP Mini 100e minilaptop (W7 Starter + Quick Mix pre-set programm not work) I must adjust this level by level trimmer of my

interface, so I hope "more RX gain" of V4! 73 "Yussi" OH7TE

2014. AW: [V4Protocol] trouble

Yahoo group: V4Protocol
Date: 2011-09-19 21:43:32 UTC
From: Siegfried Jackstien
Topic: 2001 Message: 2014

Yes solving radio control is a good idea! Still got the 765 not working with v4 .... I set the rig address to 2c and speed to 1200 ... that woked for all other soft so the settings are correct .... early or late icom??? I tried both without luck
Greetz
Sigi
Dg9bfc

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Montag, 19. September 2011 14:07
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] trouble
>
>
>
> Bill,
>
> I can verify that and can see no way it should work that way. I☐ll come up
> with a work around but need to get these other radio control issues solved
> first.
>
> Rick
>
> From: William Calderwood <mailto:billk1ct@...>
> Sent: Sunday, September 18, 2011 4:27 PM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] trouble
>
>
>
> Rick -
>
> I have a small issue with the V4 terminal program to report. I've
> noticed it in all of the versions I've used for the past month or so.
> When I attempt to make an ARQ call right after launching the program I
> have to click the ARQ Call button twice. After I make my first call it
> works subsequently with only one click. I realize this is a small issue
> but if you happen to be working that part of the code you might consider
> fixing this.
>
> Enjoying my first work with V4 on 15 meters today....
>

>
>
> 73, Bill K1CT
>
>
> <http://geo.yahoo.com/serv?s=97359714/grpId=71835980/grpspId=1705063108/ms
> gId=2002/stime=1316375059/nc1=4025321/nc2=5028924/nc3=5741391>
>
>

2015. Re: [V4Protocol] Latency measurements - Yaesu FT-847.

Yahoo group: V4Protocol
Date: 2011-09-20 11:35:31 UTC
From: Rick Muething
Topic: 2005 Message: 2015

Eugene,
That is fine. There is normal granularity and variance in the latency measurement caused by the timer resolution and OS latency. Anything under 250 ms is fine.

Rick KN6KB

From: G4AIU
Sent: Monday, September 19, 2011 4:45 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Latency measurements - Yaesu FT-847.

Hi Rick,

I am checking out V4Chat 0.6.0.0 – CQ calls only at the moment but no QSO's yet!

What I am finding so far is that my latency measurements on the CQ calls are either 31ms or 47ms. It does not matter what frequency I transmit on, be it HF or VHF – it appears to always be either one of these two measurements.

This is my first venture into any ARQ/FEC type mode and thoroughly enjoying it.

Many thanks for your hard work involved in this project – I admire your skills. I am looking forward to the rig control for my two Yeasu rigs – FT-847 and the FT-857D.

73 de Eugene / G4AIU

IO80jx

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: 19 September 2011 13:18
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 0.6.1.0 and RX audio level

Yussi,

Read about RX level in the Help. There is nothing in the program that sets the RF gain. It is controlled by external sources: Radio, Sound card Interface, or Windows Mixer.

Rick KN6KB

From: Juhani

Sent: Monday, September 19, 2011 1:40 AM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] V4 0.6.1.0 and RX audio level

Copy-paste works fine! BTW: I use home made interface; TX/RX audio isolation transformers and optocoupler PTT switch by USB/RS232 adapter. Seems RX RX audio level is much lower than others programms like Multipsk etc.
Because I use sometimes HP Mini 100e minilaptop (W7 Starter + Quick Mix pre-set programm not work) I must adjust this level by level trimmer of my interface, so I hope "more RX gain" of V4! 73 "Yussi" OH7TE

2016. Re: V4 0.6.1.0 and RX audio level

Yahoo group: V4Protocol
Date: 2011-09-20 17:36:47 UTC
From: la7um
Topic: 2005 Message: 2016

Jussi. Are you sometimes qrv 30m or 40m V4? Might work well from LA3F area to your area? 73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>
> Copy-paste works fine! BTW: I use home made interface; TX/RX audio isolation transformers and optocoupler PTT switch by USB/RS232 adapter. Seems RX RX audio level is much lower than others programms like Multipsk etc.
> Because I use sometimes HP Mini 100e minilaptop (W7 Starter + Quick Mix pre-set programm not work) I must adjust this level by level trimmer of my interface, so I hope "more RX gain" of V4! 73 "Yussi" OH7TE
>

2017. Re: [V4Protocol] Marrying V4 Chat and RMS Express

Yahoo group: V4Protocol
Date: 2011-09-20 19:21:56 UTC
From: wb0kgn@q.com
Topic: 1996 Message: 2017

If I load HamRadioDeluxe and DM780 first, then I can load FLdigi, and then V$chat.. Except that I have never successfully gotten V$chat going in ARQ (nor have I done things like forward a log...which I will do). I suspect that the ability to do that depends on the sound card used. When I copy text from DM780 to FLdigi, or the other way around, all the zeros are changed to "x"'s.

FLdigi is a sound card hog, and if I load that first, it will not relinquish control of the sound card.

----- Original Message -----
From: "Andrew O'Brien" <k3ukandy@...>
To: V4Protocol@yahoogroups.com
Sent: Sunday, September 18, 2011 1:20:27 PM
Subject: [V4Protocol] Marrying V4 Chat and RMS Express

I have successfully configured my station so that V4 Chat (0.6.0.1)
and RMS Express with Winmor P2P are open at same time and can PTT upon
demand (not simultaneously). I wonder if anyone else is doing this?
I am not sure what I really need to do this for, but intiating "QSOs"
in V4 and using P2P Winmor to send faster info like bulletins, brag
files, etc, might be useful.

Andy K3UK

2018. Station copied

Yahoo group: V4Protocol
Date: 2011-09-20 19:51:50 UTC
From: edwardmargit
Topic: 2018 Message: 2018

Copying a W2KI at this time here in Germany,
\DB7EM/

2019. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-20 20:21:25 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2019

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.6.1.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.6.1.0 with V4 TNC, help and revision histories

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.6.1.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2020. V4Chat 0.6.1.0 Uploaded to FTP and Auto Update servers

Yahoo group: V4Protocol
Date: 2011-09-20 20:34:51 UTC
From: kn6kb
Topic: 2020 Message: 2020

All,
Thanks to the many that have contributed to the changes and enhancements in this version. It should now work for radio types Kenwood, Icom, Flex and Elecraft. The control should work for Yaesu but not the read back (that is messy since there are many different models and formats).

Click to tune should work for the above radios as wellas auto readback from the receiver dial.

I have posted this on the auto update server and your old version (0.5.2.0 or later)should auto update. If it doesn't try restarting the program and waiting for 2-3 minutes to see if auto update does not start.

You can also download the full install from the Yahoo FTP and remove/re install as before.

As usual please be specific with comments and observed problems. Be sure and include your radio model if the issue has to do with frequency setting or read back.

There are several small but important changes/additions in the Help.

Good luck... We're moving ahead. My plan is to have a full production release by the end of the year.

73,
Rick KN6KB

V4 Chat Revision History

Date: Rev Change Summary

Sept 20, 2011 0.6.1.0 Beta release of 0.6.0.7 Help updated.

Sept 20, 2011 0.6.0.7 Fixed problme with Icom read back formatting in Radio.RadioResponse
Modifide UpdateSessionDisplay to put all plain black (info) text on separate line.

Sept 19, 2011 0.6.0.6 Add Me.Focus at end of startup to insure Main V4Chat form has focus.

Sept 19, 2011 0.6.0.5 Modified Radio.OnRadioResponse to handle incomplete streams.
Modified rtbSession to eliminate extra LF on plain black text

Sept 18, 2011 0.6.0.4 Fixed potential problem with RadioResponse routine for both Icom and Kenwood.

Sept 18, 2011 0.6.0.3 Fixed a problem with Kenwood and K3 Frequency Readback for certain conditions.

Sept 18, 2011 0.6.0.2 Fixed Frequency Readback in Radio for K3, Icom amateur, Icom 7200 and Icom Early radios.
Modified Radio and V4Chat.Main to remove all 1500 Hz offsets

Added code to clear blnARQCalling whenever btnCall was enabled.
Updated Help

Sept 12, 2011 0.6.0.1 Added context menus for RtbSend and RtbSession to allow Cut, Copy, Paste, and
Clear All via right mouse click.
Capture Current Connected call in strConnectedCallSign and Enter into Mini log grid upon right click of blank line.
Implement Frequency Reporting and Click to tune if using Radio control
Changes in GetFrequency added to Radio, Modify tmrPoll to poll radio every 500 ms.

V4 TNC Revision History

Date Rev # Summary ofChanges

Sept 20, 2011 0.6.1.0 Beta Release of 0.6.0.3

Sept 19, 2011 0.6.0.3 Modify Protocol.ProcessARQ frame to not pass duplicate FEC data frame if not connected.

Sept 15, 2011 0.6.0.2 Modify busy detector to reduce sensitivity slighty. Thresholds:
Narrow was 6 + Squelch
now 7 + squelch; Wide was Squelch/3 now Squelch/2.5
Modify ThreshDetect to change exponent of Squelch was 2.0, now 1.8 (more sensitive)
Modify latency measurement trigger threshold from 2:1 to 1.5:1

Sept 14,2011 0.6.0.1 Shorten intIDLCycle to 1500 ms (was 2500) [shortens link turnover]
Optimize delay calculation for staggering dual IDL repeats in ProcessIDLs
Shorten base leader length to 8 symbols (was 12) ~5% throughput improvement in ARQ
Correct leader length calc in V4Mod.New
Added creation of Read Only V4 TNC.ini backup upon successful registration.
Add Commands DISPLAY and TUNE to facilitate freq display and click waterfall to tune
Remove display of filtered data from waterfall. Filter functionality unchanged.

2021. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-20 20:43:34 UTC
From: Jack Swift
Topic: 43 Message: 2021

WOW!!
WOW!!
WOW!!

i REALLY like how you've handled the autoupdate!!!!!!!!

WOW!!
WOW!!
WOW!!

*** Startup of V4Chat Ver 0.6.0.0 ; Auto Update Enabled using FTP port 8777
*** V4 TNC TCP OK on port 8510
*** Autoupdate in Process... @ 2011/09/20 20:40:00
*** Autoupdate Complete @ 2011/09/20 20:41:07 Restart V4Chat to run
new version.

On Tue, Sep 20, 2011 at 4:21 PM, <V4Protocol@yahoogroups.com> wrote:
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the V4Protocol
> group.
>
> File   : /V4Chat 0.6.1.0 Full Install.zip
> Uploaded by : kn6kb <rmuething@...>
> Description : V4Chat 0.6.1.0 with V4 TNC, help and revision histories
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.6.1.0%20Full%20Install.zip
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> Regards,
>
> kn6kb <rmuething@...m>
>
>
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

>
>
>

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-281-5300
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

2022. 30m is wide open. Listening/CQ on 10.131 dial until 2100 UTC

Yahoo group: V4Protocol
Date: 2011-09-20 20:46:16 UTC
From: Ian Wade G3NRW
Topic: 2022 Message: 2022

30m is wide open. Listening/CQ on 10.131 dial until 2100 UTC

--
73
Ian, G3NRW

2023. RE: {Some tags disabled} [V4Protocol] 30m is wide open. Listening/CQ on 10.131 dial until 2100 UTC

Yahoo group: V4Protocol
Date: 2011-09-20 21:02:04 UTC
From: Paul Leger
Topic: 2022 Message: 2023

Called you but maybe you couldn't hear me. I saw your signal a few times.

Paul
VE9NC

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]On
Behalf Of Ian Wade G3NRW
Sent: September 20, 2011 5:46 PM
To: V4Protocol@yahoogroups.com
Subject: {Some tags disabled} [V4Protocol] 30m is wide open. Listening/CQ
on 10.131 dial until 2100 UTC

30m is wide open. Listening/CQ on 10.131 dial until 2100 UTC

--
73
Ian, G3NRW

2024. Re: {Some tags disabled} [V4Protocol] 30m is wide open. Listening/CQ on 10.131 dial until 2100 UTC

Yahoo group: V4Protocol
Date: 2011-09-20 21:09:43 UTC
From: Ian Wade G3NRW
Topic: 2022 Message: 2024

___Original Message_____________________________________
From: Paul Leger <ve9nc@...>
Date: Tue, 20 Sep 2011 Time: 18:02:04

>Called you but maybe you couldn't hear me. I saw your signal a few times.
>
>Paul
>VE9NC
>

Hi Paul

So it was you, was it? Thanks for the call. Unfortunately your signal
was right down in the noise, so couldn't decode.

I will be on 20m some during the day tomorrow.

--
73
Ian, G3NRW

2025. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-20 21:36:29 UTC
From: Ron Wenig
Topic: 43 Message: 2025

Rick,

No auto update here. I was running 0.6.0.1. I waited, reloaded and
waited. It said auto update enabled using http port 8776. I'll send
you the auto update logs.

Thanks, Ron ny3j

On 09/20/2011 04:43 PM, Jack Swift wrote:
>
> WOW!!
> WOW!!
> WOW!!
>
> i REALLY like how you've handled the autoupdate!!!!!!!!
>
> WOW!!
> WOW!!
> WOW!!
>
> *** Startup of V4Chat Ver 0.6.0.0 ; Auto Update Enabled using FTP port
> 8777
> *** V4 TNC TCP OK on port 8510
> *** Autoupdate in Process... @ 2011/09/20 20:40:00
> *** Autoupdate Complete @ 2011/09/20 20:41:07 Restart V4Chat to run
> new version.
>
> On Tue, Sep 20, 2011 at 4:21 PM, <V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>> wrote:
> >
> > Hello,
> >
> > This email message is a notification to let you know that
> > a file has been uploaded to the Files area of the V4Protocol
> > group.
> >
> > File : /V4Chat 0.6.1.0 Full Install.zip
> > Uploaded by : kn6kb <rmuething@...
> <mailto:rmuething%40cfl.rr.com>>
> > Description : V4Chat 0.6.1.0 with V4 TNC, help and revision histories
> >
> > You can access this file at the URL:
> >
> http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.6.1.0%20Full%20Install.zip
> >
> > To learn more about file sharing for your group, please visit:

> > http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> > Regards,
> >
> > kn6kb <rmuething@... <mailto:rmuething%40cfl.rr.com>>
> >
> >
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
>
> --
> vvvvvvvvvvvvvvvvvvvvvvv
> Jack Swift, N8WAV
> Houghton County ARES/RACES EC/RO
> 105 E. Douglass Ave.
> Houghton, MI 49931
> 906-281-5300
> ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>
>

2026. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-20 21:50:05 UTC
From: Rick Muething
Topic: 43 Message: 2026

Ron,
Auto update has been verified on both FTP (pre 0.6.0.0 versions) and HTTP (post 0.6.0.0 versions). You must have port 8776 (HTTP) or port 8777 enabled for auto update to work.

Rick KN6KB

2027. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-20 21:53:43 UTC
From: Ted Trostle
Topic: 43 Message: 2027

Worked here and result is just great !!!!!!

Ted, WB2LOU

On Tue, Sep 20, 2011 at 5:50 PM, Rick Muething <rmuething@...> wrote:

> **
>
>
> Ron,
> Auto update has been verified on both FTP (pre 0.6.0.0 versions) and HTTP
> (post 0.6.0.0 versions). You must have port 8776 (HTTP) or port 8777 enabled
> for auto update to work.
>
> Rick KN6KB
>
>
>

--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is
incurable.

2028. 0.6.0.1 with TS-590S

Yahoo group: V4Protocol
Date: 2011-09-20 22:04:03 UTC
From: Ian Wade G3NRW
Topic: 2028 Message: 2028

Hi Rick

Just started trying 0.6.0.1 -- the first time I have tried V4 since 0.1.something.

I have found that the Kenwood TS-590S does not track with the program properly. A number of observations:

1. V4 sends out FA; at about 1 second intervals. The radio responds with the VFO-A frequency, but for some reason only during transmission. The radio does not respond to the command when it is receiving. (It does with other digital programs -- I don't understand why the response to V4 is different).

2. The VFO frequency that replaces the Waterfall label is not always correct. For example, if the VFO is at 10.13100, it sometimes appears as 101.310, 0.00101, and similar right/left-shifted values.

3. In any case, when the VFO frequency is 10.13100, the waterfall frequency should be shown as 10.131500 -- that is 10.13100 + 500 Hz center frequency offset. You need to add 500Hz to the VFO frequency.

4. The program assumes you are using VFO-A. It would be much better to find out which VFO is in use first, with FR; Then you can send the correct FA/FB command.

5. At the moment I am relying on data VOX to turn on the transmitter. It would be better to give the option of selecting the TX1; CAT command to transmit, and RX; to return to receive (as in fldigi). Then you are not encumbered by VOX delays.

--
73
Ian, G3NRW

2029. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-20 22:20:43 UTC
From: charles standlee
Topic: 43 Message: 2029

Didn't work here either... The program says "enabled using HTTP port 8776". how do you check to make sure that port is open?

73, Chuck AC5PW

From: Rick Muething <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 20, 2011 4:50 PM
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Ron,
Auto update has been verified on both FTP (pre 0.6.0.0 versions) and HTTP (post 0.6.0.0 versions). You must have port 8776 (HTTP) or port 8777 enabled for auto update to work.

Rick KN6KB

2030. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-20 22:31:01 UTC
From: Ron Wenig
Topic: 43 Message: 2030

Ok Rick, I think I have port 8776 opened now in Windows 7 firewall.
I'll check with the next update.

Thanks, Ron ny3j

On 09/20/2011 05:50 PM, Rick Muething wrote:
>
> Ron,
> Auto update has been verified on both FTP (pre 0.6.0.0 versions) and
> HTTP (post 0.6.0.0 versions). You must have port 8776 (HTTP) or port
> 8777 enabled for auto update to work.
> Rick KN6KB
>

2031. V4 0.6.0.1

Yahoo group: V4Protocol
Date: 2011-09-20 22:34:21 UTC
From: kirkharding@rocketmail.com
Topic: 2031 Message: 2031

Just had my first QSO with vs 0.6.0.1 and I think it even works better than the previous release. Really enjoying the mode. Between this version and the last and using the Flex-5000, I've had 22 sucessful (solid) ARQ QSO's. I really appreciate all the time and effort that has gone into V4 development.

Thank you,

Kirk, K6KAR
Niceville, FL

2032. Re: [V4Protocol] 0.6.0.1 with TS-590S

Yahoo group: V4Protocol
Date: 2011-09-20 22:41:31 UTC
From: Ian Wade G3NRW
Topic: 2028 Message: 2032

___Original Message_____________________________________
From: Ian Wade G3NRW <g3nrw-radio@...>
Date: Tue, 20 Sep 2011 Time: 23:04:03

Ooops, this looked wrong when I wrote it:

>3. In any case, when the VFO frequency is 10.13100, the waterfall
>frequency should be shown as 10.131500 -- that is 10.13100 + 500 Hz
>center frequency offset. You need to add 500Hz to the VFO frequency.
>

I should have said "add 1500Hz to the dial frequency", not 500Hz.

--
73
Ian, G3NRW

2033. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-20 22:43:33 UTC
From: Ron Wenig
Topic: 43 Message: 2033

Charles, if your operating system is Windows 7 use these instructions:

http://www.dummies.com/how-to/content/how-to-open-a-port-in-the-windows-7-firewall.html

73, Ron ny3j

On 09/20/2011 06:20 PM, charles standlee wrote:
> Didn't work here either... The program says "enabled using HTTP port
> 8776". how do you check to make sure that port is open?
> 73, Chuck AC5PW
> *From:* Rick Muething <rmuething@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Tuesday, September 20, 2011 4:50 PM
> *Subject:* Re: [V4Protocol] New file uploaded to V4Protocol
>
> Ron,
> Auto update has been verified on both FTP (pre 0.6.0.0 versions) and
> HTTP (post 0.6.0.0 versions). You must have port 8776 (HTTP) or port
> 8777 enabled for auto update to work.
> Rick KN6KB
>
>
>

2034. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-20 22:47:23 UTC
From: Hoby KK8G
Topic: 43 Message: 2034

Doesn't work here either. Says:
" [FetchUpdateFilesHTTP] Exception: System.Exception: IP*Works! V8 (nsoftware.IPWorks.Http component). Could not find a valid license for using IP*Works! V8 on this system. To obtain a trial license, please visit www.nsoftware.com or email support@... [code: G nodeid: YATDCAVA].
Not sure what that means..
Hoby KK8G

----- Original Message -----
From: charles standlee
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 20, 2011 6:20 PM
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Didn't work here either... The program says "enabled using HTTP port 8776". how do you check to make sure that port is open?

73, Chuck AC5PW

From: Rick Muething <rmuething@cfl.rr.com>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 20, 2011 4:50 PM
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Ron,
Auto update has been verified on both FTP (pre 0.6.0.0 versions) and HTTP (post 0.6.0.0 versions). You must have port 8776 (HTTP) or port 8777 enabled for auto update to work.

Rick KN6KB

2035. RE: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-20 23:03:14 UTC
From: G4AIU
Topic: 43 Message: 2035

Rick,

Brief observations following upgrade V0.6.1.0.

1. My FT847 completed the Auto upgrade without any difficulty using PORT 8776. As indicated the computer-to-rig frequency changes are working without any problems. The centre RED marker on the TNC screen indicates a frequency of eg. 14073.000 when I mouse-click on the CQ contact screen. I get a reading of 14073.305 when I mouse-click on the Right hand GREEN line. When I click on the Left hand GREEN line - I get a reading of 14072.994. However, when I click again on the centre RED line I get a reading of 14072.689. These frequency changes are indicated on the rig as 14073.300 and 14072.690. I was expecting to tune to the centre line again, 14073.000 but when I mouse click on the RED line I get a reading on 14072.689. Hope all this makes sense to you!
2. My FT857D also downloaded the Auto update using PORT 8776 and the frequency of 14073.00 is displayed on the TNC screen. However, I previously downloaded V 0.6.0.1 onto the associated computer but the Header on the V4Chat and the TNC screens still reads V0.6.0.1 and not V0.6.1.0 as expected. The frequency display on the TNC screen is as follows: The RIGHT hand Green line indicates 14073.30 and the LEFT hand Green line reads 14072.70. The rig reads 14073.30 and 14072.70 respectively. When I click on the centre RED line the frequency does not move from 14072.70 - the same frequency as the LEFT hand Green line.

Hope this helps in some way. It is now midnight and I am going to bed!!

73 de Eugene / G4AIU

IO80jx

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: 20 September 2011 22:50
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Ron,

Auto update has been verified on both FTP (pre 0.6.0.0 versions) and HTTP (post 0.6.0.0 versions). You must have port 8776 (HTTP) or port 8777 enabled for auto update to work.

Rick KN6KB

2036. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-20 23:09:54 UTC
From: Ed Woods WD9DVA
Topic: 43 Message: 2036

Unless U connect w/someone, how wud U know. Went to 7 heard zipp and no contact, the same was true ot 15 and 20. It's a prop thing. It 202308Z in abt 5 minutes I'm heading for V4 will do 7 (40M 1st) Ed WD9DVA
----- Original Message -----
From: Hoby KK8G
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 20, 2011 22:47
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

☐

Doesn't work here either. Says:
" [FetchUpdateFilesHTTP] Exception: System.Exception: IP*Works! V8 (nsoftware.IPWorks.Http component). Could not find a valid license for using IP*Works! V8 on this system. To obtain a trial license, please visit www.nsoftware.com or email support@... [code: G nodeid: YATDCAVA].
Not sure what that means..
Hoby KK8G

----- Original Message -----
From: charles standlee
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 20, 2011 6:20 PM
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Didn't work here either... The program says "enabled using HTTP port 8776". how do you check to make sure that port is open?

73, Chuck AC5PW

From: Rick Muething <rmuething@...m>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 20, 2011 4:50 PM
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Ron,
Auto update has been verified on both FTP (pre 0.6.0.0 versions) and HTTP (post 0.6.0.0 versions). You must have port 8776 (HTTP) or port 8777 enabled for auto update to work.

Rick KN6KB

2037. Contact

Yahoo group: V4Protocol
Date: 2011-09-20 23:22:51 UTC
From: David
Topic: 2037 Message: 2037

KF5IAD - I copied you perfectly, both on ARQ and FEC modes. My Xmit is down, so could not get back to you.

Dave K6DDW

2038. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-20 23:27:53 UTC
From: Dick Lamberson
Topic: 43 Message: 2038

same here - two excellent lengthy qso's on 30 mtrs - 10131khz -
Thanks Rick - Great Job - again...
Dick, W4WEB
----- Original Message -----
From: Ted Trostle
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 20, 2011 5:53 PM
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Worked here and result is just great !!!!!!

Ted, WB2LOU

On Tue, Sep 20, 2011 at 5:50 PM, Rick Muething <rmuething@...> wrote:

Ron,
Auto update has been verified on both FTP (pre 0.6.0.0 versions) and HTTP (post 0.6.0.0 versions). You must have port 8776 (HTTP) or port 8777 enabled for auto update to work.

Rick KN6KB

--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is incurable.

2039. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-20 23:41:39 UTC
From: Rick Muething
Topic: 43 Message: 2039

The tune on click is working fine. Verified on three different radios. If you click on the Center (red line) it request a change of 0. If you click left of center it will bring the point clicked on (spectrum) to the center by tuning the radio down (raising the audio frequency). Its really simple: If you see a signal click on the center of the signal and it will bring it to the center of the waterfall. Auto tuning should capture within the range you have in your setup. The click range on the waterfall is only +/- 700 Hz but if you repeat the click it will keep moving the radio.

Rick KN6KB

From: G4AIU
Sent: Tuesday, September 20, 2011 7:03 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] New file uploaded to V4Protocol

Rick,

Brief observations following upgrade V0.6.1.0.

1.. My FT847 completed the Auto upgrade without any difficulty using PORT 8776. As indicated the computer-to-rig frequency changes are working without any problems. The centre RED marker on the TNC screen indicates a frequency of eg. 14073.000 when I mouse-click on the CQ contact screen. I get a reading of 14073.305 when I mouse-click on the Right hand GREEN line. When I click on the Left hand GREEN line - I get a reading of 14072.994. However, when I click again on the centre RED line I get a reading of 14072.689. These frequency changes are indicated on the rig as 14073.300 and 14072.690. I was expecting to tune to the centre line again, 14073.000 but when I mouse click on the RED line I get a reading on 14072.689. Hope all this makes sense to you!
2.. My FT857D also downloaded the Auto update using PORT 8776 and the frequency of 14073.00 is displayed on the TNC screen. However, I previously downloaded V 0.6.0.1 onto the associated computer but the Header on the V4Chat and the TNC screens still reads V0.6.0.1 and not V0.6.1.0 as expected. The frequency display on the TNC screen is as follows: The RIGHT hand Green line indicates 14073.30 and the LEFT hand Green line reads 14072.70. The rig reads 14073.30 and 14072.70 respectively. When I click on the centre RED line the frequency does not move from 14072.70 – the same frequency as the LEFT hand Green line.

Hope this helps in some way. It is now midnight and I am going to bed!!

73 de Eugene / G4AIU

IO80jx

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: 20 September 2011 22:50

To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Ron,

Auto update has been verified on both FTP (pre 0.6.0.0 versions) and HTTP (post 0.6.0.0 versions). You must have port 8776 (HTTP) or port 8777 enabled for auto update to work.

Rick KN6KB

2040. FT920

Yahoo group: V4Protocol
Date: 2011-09-20 23:59:36 UTC
From: DAVID
Topic: 2040 Message: 2040

cannot seem to talk to the rig via cat, click to tune not working.

mmsstv/dx commander and others talk to rig, and rig shows a flashing
cat indicator when talking. all else seems ok so far.

anyone else running ft920?

david/wd4kpd

2041. Autoupdates

Yahoo group: V4Protocol
Date: 2011-09-21 00:05:46 UTC
From: Rick Muething
Topic: 43 Message: 2041

All,

A number have had success with auto update and a few no success. Your software is the same! For auto update to work you MUST:
1) Have at least version 0.5.2.0 or later
2) Have the outbound connection ports opened in your router or firewall. How you do this is a function of YOUR router or firewall program and settings. Some will ask if you want to create a permanent rule etc. Versions prior to 0.6.0.0 will be trying on FTP port 8777. Later versions will use HTTP on port 8776. HTTP has some advantages being a little faster and less likely to cause problem with aggressive firewalls/routers trying to block a return FTP connection. If you autodupdate log shows something like the downloaded file list was empty then then most likely the port is not enabled.

If you have an exception re a license problem for IPWorks you may have deleted or failed to do a full install. Since other are not having this problem I don’t think the problem is in the basic installation. Try downloading version 0.6.1.0 and installing and it should have the proper IP works license info in the install.

Rick KN6KB

2042. Re: [V4Protocol] 0.6.0.1 with TS-590S

Yahoo group: V4Protocol
Date: 2011-09-21 00:06:03 UTC
From: Rick Muething
Topic: 2028 Message: 2042

Ian,
Use version 0.6.1.0 all others are obsolete. I have verified correct operation on a TS-2000, Flex 3000 and Icom 7200. It reads the VFO back and displays once per second as designed. You should have the baud rate up at 4800 or above

Rick KN6KB

2043. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-21 00:12:40 UTC
From: wb0kgn@q.com
Topic: 43 Message: 2043

If the TS480 isn't already on your list of radios that tune on click, you can add it

Dave wb0kgn

----- Original Message -----
From: "Rick Muething" <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 20, 2011 6:41:39 PM
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

The tune on click is working fine. Verified on three different radios. If you click on the Center (red line) it request a change of 0. If you click left of center it will bring the point clicked on (spectrum) to the center by tuning the radio down (raising the audio frequency). Its really simple: If you see a signal click on the center of the signal and it will bring it to the center of the waterfall. Auto tuning should capture within the range you have in your setup. The click range on the waterfall is only +/- 700 Hz but if you repeat the click it will keep moving the radio.

Rick KN6KB

From: G4AIU
Sent: Tuesday, September 20, 2011 7:03 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] New file uploaded to V4Protocol

Rick,

Brief observations following upgrade V0.6.1.0.

1. My FT847 completed the Auto upgrade without any difficulty using PORT 8776. As indicated the computer-to-rig frequency changes are working without any problems. The centre RED marker on the TNC screen indicates a frequency of eg. 14073.000 when I mouse-click on the CQ contact screen. I get a reading of 14073.305 when I mouse-click on the Right hand GREEN line. When I click on the Left hand GREEN line - I get a reading of 14072.994. However, when I click again on the centre RED line I get a reading of 14072.689. These frequency changes are indicated on the rig as 14073.300 and 14072.690. I was expecting to tune to the centre line again, 14073.000 but when I mouse click on the RED line I get a reading on 14072.689. Hope all this makes sense to you!
2. My FT857D also downloaded the Auto update using PORT 8776 and the frequency of 14073.00 is displayed on the TNC screen. However, I previously downloaded V 0.6.0.1 onto the associated computer but the Header on the V4Chat and the TNC screens still reads V0.6.0.1 and not V0.6.1.0 as expected. The frequency display on the TNC screen is as follows: The RIGHT hand Green line indicates 14073.30 and the LEFT hand Green line reads 14072.70. The rig reads 14073.30 and 14072.70 respectively. When I click on the centre RED line the frequency does not move from 14072.70 – the same frequency as the LEFT hand Green line.

Hope this helps in some way. It is now midnight and I am going to bed!!

73 de Eugene / G4AIU

IO80jx

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: 20 September 2011 22:50
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Ron,

Auto update has been verified on both FTP (pre 0.6.0.0 versions) and HTTP (post 0.6.0.0 versions). You must have port 8776 (HTTP) or port 8777 enabled for auto update to work.

Rick KN6KB

2044. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-21 00:18:00 UTC
From: Rick Muething
Topic: 43 Message: 2044

Thanks Dave,
Generally the Kenwoods (and those related like Flex and K3) are pretty consistent. It is the Yaesu's that are the real issue. I think they rewrote the book on every model!

Rick KN6KB

From: wb0kgn@...m
Sent: Tuesday, September 20, 2011 8:12 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

If the TS480 isn't already on your list of radios that tune on click, you can add it

Dave wb0kgn

2045. Re: [V4Protocol] FT920

Yahoo group: V4Protocol
Date: 2011-09-21 00:21:15 UTC
From: Rick Muething
Topic: 2040 Message: 2045

As I said in the release info...The click to tune and frequency read back may not work yet will all Yaesu....It would be simple if Yaesu had used the same command structure and data format for different models but... I'll get to it in time.

Rick KN6KB

From: DAVID
Sent: Tuesday, September 20, 2011 7:59 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] FT920

cannot seem to talk to the rig via cat, click to tune not working.

mmsstv/dx commander and others talk to rig, and rig shows a flashing
cat indicator when talking. all else seems ok so far.

anyone else running ft920?

david/wd4kpd

2046. Re: V4Chat 0.6.1.0 Uploaded to FTP and Auto Update servers

Yahoo group: V4Protocol
Date: 2011-09-21 01:54:44 UTC
From: cbahr
Topic: 2020 Message: 2046

I'm brand new to this mode and group. I just d/l this release, unzipped it and tried to install it but I get a popup that says the install was interrupted (never saw this before with any install). Suggestions?

73,

Casey, TI2/NA7U

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
> Thanks to the many that have contributed to the changes and enhancements in this version. It should now work for radio types ...

2047. Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-21 02:52:29 UTC
From: la7um
Topic: 43 Message: 2047

Rick. Auto update from 0600 to 0610 went fluently. XP home. One idea:
Default hook for CR and not Ctrl+CR. Choice ok. Reducing probability of operator errors. 73
De la7um Finn

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Thanks Dave,
> Generally the Kenwoods (and those related like Flex and K3) are pretty consistent. It is the Yaesuâ□□s that are the real issue. I think they rewrote the book on every model!
>
> Rick KN6KB
>
>
> From: wb0kgn@...
> Sent: Tuesday, September 20, 2011 8:12 PM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] New file uploaded to V4Protocol
>
>
>
> If the TS480 isn't already on your list of radios that tune on click, you can add it
>
> Dave wb0kgn
>

2048. 0.6.1.0 with TS-590S

Yahoo group: V4Protocol
Date: 2011-09-21 07:27:00 UTC
From: Ian Wade G3NRW
Topic: 2048 Message: 2048

Hello again Rick

I have now installed 0.6.1.0, and it works much better with the TS-590S. VFO tracking is now OK.

But you still have an initialization issue. I see that you now force the radio to VFO-A and initialize various other parameters (BC0;NB0;NR0;FR0;FT0;RC;MD2;). That's fine, except you don't do this until V4 transmits for the very first time. Until that point, you simply request the VFO-A frequency with FA; which doesn't help if you happen to be using VFO-B. I think you should do the full radio initialization right at the start.

Two other outstanding points:
~~~
~~~

2049. Re: [V4Protocol] 0.6.1.0 with TS-590S

Yahoo group: V4Protocol
Date: 2011-09-21 11:26:45 UTC
From: Rick Muething
Topic: 2048 Message: 2049

Thanks Ian,

Some good inputs.

There should be a mode initialization stuck in before the actual first transmission.

Actually the TS-590 and the TS-480 already have the option of TX0 or TX1 allowing you to key the radio via the CAT control and select either the Mic input or the (auxiliary) input. In the Radio setup menu after you have selected Kenwood radio type and selected the appropriate com port for control the PTT Port will have several options:

1) External will use external PTT keying e.g. From a SignaLink PTT output
2) Selecting another serial port will use direct PTT keying using RTS and/or DTR signals from that serial port.
3) K590-Mic will key the TS-590 using the TX0 command for PTT on and RX for PTT off
4) K590-Aux will key the TS-590 using the TX1 command for PTT on and RX for PTT off.

That was done that way to allow flexibility in the selection of the audio source. Since I don’t have a TS-590 here and didn’t see it in the Kenwood documentation I am not sure if the TX1 command actually takes the data from the Aux port or from the internal Sound card output. Maybe you could confirm that.

You are correct on the waterfall frequency display. I wanted to keep it simple initially not trying to explain the frequency displayed is actually 1500 Hz offset from the waterfall frequency. I’ll take a look at a better way to do that.

73,
Rick KN6KB

From: Ian Wade G3NRW
Sent: Wednesday, September 21, 2011 3:27 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] 0.6.1.0 with TS-590S

Hello again Rick

I have now installed 0.6.1.0, and it works much better with the TS-590S.
VFO tracking is now OK.

But you still have an initialization issue. I see that you now force the radio to VFO-A and initialize various other parameters (BC0;NB0;NR0;FR0;FT0;RC;MD2;). That's fine, except you don't do this until V4 transmits for the very first time. Until that point, you simply request the VFO-A frequency with FA; which doesn't help if you happen to be using VFO-B. I think you should do the full radio initialization right at the start.

Two other outstanding points:
~~~~~~
1. Could you add the CAT command TX1; at the start of transmission, and RX; to terminate a transmission. This means that the radio will then switch almost immediately. Otherwise we have to use digital VOX, which introduces unnecessary delays.

2. The frequency display on the waterfall is incorrect. By putting the dial frequency in the middle of the waterfall display, you are implying that the middle of the display is the frequency you are looking at. This is not true. The middle of the waterfall is at dial+1500 Hz, and you should mark the limits as -700 and +700 (instead of 800 and 2200). Otherwise I suggest you display the VFO frequency well away from the waterfall, and clearly label it as "Dial Freq".
~~~~~~

I must say that the program is much, much improved on earlier versions I tried earlier this year, and I'm really looking forward to my first ARQ QSO. Last night I caught a few snippets on 30m, on very weak signals. Very promising.

--
73
Ian, G3NRW

2050. Re: [V4Protocol] Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-21 11:47:26 UTC
From: Rick Muething
Topic: 43 Message: 2050

Finn,

I defaulted the Send command to what was being used for the past few months (Ctrl + CR) ...it would have caused chaos to do otherwise. In time it could be changed but after all the guy only has to select it once, just like entering his call sign. And of course the Queue Data button always does whatever is selected.

Rick KN6KB

From: la7um
Sent: Tuesday, September 20, 2011 10:52 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: New file uploaded to V4Protocol

Rick. Auto update from 0600 to 0610 went fluently. XP home. One idea:
Default hook for CR and not Ctrl+CR. Choice ok. Reducing probability of operator errors. 73
De la7um Finn

2051. Re: [V4Protocol] Autoupdates

Yahoo group: V4Protocol
Date: 2011-09-21 12:13:00 UTC
From: Hoby KK8G
Topic: 43 Message: 2051

I tried an update from 0.6.0.1 and it failed. I tried another computer that had 0.6.0.0 and it updated. I removed 0.6.0.1 from the failing computer, installed 0.6.0.0 and then it would update. Just would not update from 0.6.0.1.
Hoby KK8G
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 20, 2011 8:05 PM
Subject: [V4Protocol] Autoupdates

All,

A number have had success with auto update and a few no success. Your software is the same! For auto update to work you MUST:
1) Have at least version 0.5.2.0 or later
2) Have the outbound connection ports opened in your router or firewall. How you do this is a function of YOUR router or firewall program and settings. Some will ask if you want to create a permanent rule etc. Versions prior to 0.6.0.0 will be trying on FTP port 8777. Later versions will use HTTP on port 8776. HTTP has some advantages being a little faster and less likely to cause problem with aggressive firewalls/routers trying to block a return FTP connection. If you autodupdate log shows something like the downloaded file list was empty then then most likely the port is not enabled.

If you have an exception re a license problem for IPWorks you may have deleted or failed to do a full install. Since other are not having this problem I don’t think the problem is in the basic installation. Try downloading version 0.6.1.0 and installing and it should have the proper IP works license info in the install.

Rick KN6KB

2052. Re: [V4Protocol] Autoupdates

Yahoo group: V4Protocol
Date: 2011-09-21 12:50:51 UTC
From: Rick Muething
Topic: 43 Message: 2052

I believe 0.6.0.0 still used FTP , 0.6.0.1 uses HTTP. That probably means you don't have port 8776 open for HTTP access. I want to stick with just HTTP since it is usually better with aggressive firewalls/routers that try to block a return FTP connection that is used when doing an FTP download. The fact that 0.6.0.1 is working for most people is good evidence that this is probably the best. One of the problems of course is that you need a consistent version/port/protocol of autoupdate for it work so that is why I am standardizing on HTTP and port 8776.

There will be some (due to firewall/router limitations or their inability to open up the required port/protocol) that won't be able to use Autoupdate. I can't fix that and that is why I will also post the most current version on the Yahoo FTP site. Those users will have to use uninstall and re install.

Remember auto update and keeping your version current is there to insure compatibility and to minimize support demands for back revs. Keeping your version current helps everyone.

Rick KN6KB

From: Hoby KK8G
Sent: Wednesday, September 21, 2011 8:13 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Autoupdates

I tried an update from 0.6.0.1 and it failed. I tried another computer that had 0.6.0.0 and it updated. I removed 0.6.0.1 from the failing computer, installed 0.6.0.0 and then it would update. Just would not update from 0.6.0.1.
Hoby KK8G
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 20, 2011 8:05 PM
Subject: [V4Protocol] Autoupdates

All,

A number have had success with auto update and a few no success. Your software is the same! For auto update to work you MUST:
1) Have at least version 0.5.2.0 or later
2) Have the outbound connection ports opened in your router or firewall. How you do this is a function of YOUR router or firewall program and settings. Some will ask if you want to create a permanent rule etc. Versions prior to 0.6.0.0 will be trying on FTP port 8777. Later versions will use HTTP on port 8776. HTTP has some advantages being a little faster and less likely to cause problem with aggressive firewalls/routers trying to block a return FTP connection. If you autodupdate log shows something like the downloaded file list was empty then then most likely the port is not enabled.

If you have an exception re a license problem for IPWorks you may have deleted or failed to do a full install. Since other are not having this problem I don’t think the problem is in the basic installation. Try downloading version 0.6.1.0 and installing and it should have the proper IP works license info in the install.

Rick KN6KB

2053. Help with autoupdate

Yahoo group: V4Protocol
Date: 2011-09-21 12:54:48 UTC
From: Fred G -w1wyc
Topic: 2053 Message: 2053

Hi Rick,

I looked at the autoupdate log file and got totally confused. I have no idea
what this means. What the heck is "IP*Works!" ?? I'm running 0.6.0.1.
I've included the contents of the autoupdate log file for this morning.

Tnx,
Fred, W1WYC

2011/09/21 12:44:06 [FetchUpdateFilesHTTP] Exception: System.Exception: IP*Works! V8
(nsoftware.IPWorks.Http component). Could not find a valid license for using IP*Works! V8
on this system. To obtain a trial license, please visit www.nsoftware.com or email
support@nsoftware.com [code: G nodeid: Y1Y5B03B].
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, Int32& A_2, String& A_3, Boolean A_4)
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, Int32& A_2)
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, Byte[] A_2)
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, String A_2)
at nsoftware.IPWorks.Http.Get(String URL)
at V4Chat.Autoupdate.FetchUpdateFilesHTTP(String strURL)
2011/09/21 12:44:06 [FetchUpdateFilesHTTP] HTTP.Get:
http://autoupdate.winlink.org:8776/Autoupdate/Files.txt
2011/09/21 12:44:06 [FetchUpdateFilesHTTP] lstFileNames is empty

2054. V4Chat v0.6.1.0 and Icom IC-736

Yahoo group: V4Protocol
Date: 2011-09-21 12:56:36 UTC
From: paknight1951
Topic: 2054 Message: 2054

Rick,

Icom IC-736 ("Early" Icom)
CIV Control Address Hex 40 9600Bd
USB to RS232 Converter COM4
RS232 CAT Controller powered via DTR
Separate PTT TX Line using RTS

Feedback:

Still no frequency read-back from IC-736.

Another small point, which isn't a real problem: Click on entry in Mini-Log and Transceiver goes off to frequency correctly. Re-tune radio and click on the same entry again to revert back to frequency stored there and Transceiver doesn't tune. I have to click on another Log entry and then click back to original entry to get Transciever back to that stored entry.

73

Peter G6EPN

2055. Re: [V4Protocol] Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-21 12:53:30 UTC
From: John Hirth
Topic: 43 Message: 2055

Autoupdate worked fine here. IC7200 control works as it should. Also,
no more program lockups as I frequently had with 0.6.0.1., even when
doing both audio and CAT control over the single USB line to the radio.

Great work, Rick!
John W2KI

2056. Re: [V4Protocol] Help with autoupdate

Yahoo group: V4Protocol
Date: 2011-09-21 13:01:15 UTC
From: Fred G -w1wyc
Topic: 2053 Message: 2056

Hi again Rick,

I didn't know there was a ver. 0.6.1.0. I'll install that and get back to you.
Gotta take the XYL shopping right now.

Fred, W1WYC

----- Original Message -----
From: Fred G -w1wyc
To: V4 Chat
Sent: Wednesday, September 21, 2011 8:54 AM
Subject: [V4Protocol] Help with autoupdate

Hi Rick,

I looked at the autoupdate log file and got totally confused. I have no idea
what this means. What the heck is "IP*Works!" ?? I'm running 0.6.0.1.
I've included the contents of the autoupdate log file for this morning.

Tnx,
Fred, W1WYC

2011/09/21 12:44:06 [FetchUpdateFilesHTTP] Exception: System.Exception: IP*Works! V8
(nsoftware.IPWorks.Http component). Could not find a valid license for using IP*Works! V8
on this system. To obtain a trial license, please visit www.nsoftware.com or email
support@... [code: G nodeid: Y1Y5B03B].
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, Int32& A_2, String& A_3, Boolean A_4)
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, Int32& A_2)
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, Byte[] A_2)
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, String A_2)
at nsoftware.IPWorks.Http.Get(String URL)
at V4Chat.Autoupdate.FetchUpdateFilesHTTP(String strURL)
2011/09/21 12:44:06 [FetchUpdateFilesHTTP] HTTP.Get:
http://autoupdate.winlink.org:8776/Autoupdate/Files.txt
2011/09/21 12:44:06 [FetchUpdateFilesHTTP] lstFileNames is empty

2057. Re: [V4Protocol] Autoupdates

Yahoo group: V4Protocol
Date: 2011-09-21 13:31:18 UTC
From: William Calderwood
Topic: 43 Message: 2057

Hi Rick -

I upgraded to the current release manually as the auto update did not complete due to the previously reported license issue with IP works (as pasted from the log below). Note I'm getting this same log entry even on the latest release (that I had installed manually). I was upgrading from the next most current release and I had opened port 8776 in my Windows firewall. I'm using Windows 7 Home Premium 32-bit.

73, Bill K1CT

2011/09/20 01:42:45 [FetchUpdateFilesHTTP] Exception: System.Exception: IP*Works! V8 (nsoftware.IPWorks.Http component). Could not find a valid license for using IP*Works! V8 on this system.

From: Rick Muething <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 20, 2011 5:05 PM
Subject: [V4Protocol] Autoupdates

All,

A number have had success with auto update and a few no success. Your software is the same! For auto update to work you MUST:
1) Have at least version 0.5.2.0 or later
2) Have the outbound connection ports opened in your router or firewall. How you do this is a function of YOUR router or firewall program and settings. Some will ask if you want to create a permanent rule etc. Versions prior to 0.6.0.0 will be trying on FTP port 8777. Later versions will use HTTP on port 8776. HTTP has some advantages being a little faster and less likely to cause problem with aggressive firewalls/routers trying to block a return FTP connection. If you autodupdate log shows something like the downloaded file list was empty then then most likely the port is not enabled.

If you have an exception re a license problem for IPWorks you may have deleted or failed to do a full install. Since other are not having this problem I don’t think the problem is in the basic installation. Try downloading version 0.6.1.0 and installing and it should have the proper IP works license info in the install.

Rick KN6KB

2058. Re: [V4Protocol] Help with autoupdate

Yahoo group: V4Protocol
Date: 2011-09-21 13:40:16 UTC
From: Rick Muething
Topic: 2053 Message: 2058

IP Works is a 3rd party control we are using for Internet HTTP and FTP access. It should be correctly licensed but there may be a problem which I will check into. I cannot check this on my machines since they are development machines that have the IPWorks code installed for development. There are a few such 3rd party dlls used including Microsoft's Direct X, Direct Sound and IconicZip.

Rick KN6KB

From: Fred G -w1wyc
Sent: Wednesday, September 21, 2011 8:54 AM
To: V4 Chat
Subject: [V4Protocol] Help with autoupdate

Hi Rick,

I looked at the autoupdate log file and got totally confused. I have no idea what this means. What the heck is "IP*Works!" ?? I'm running 0.6.0.1.
I've included the contents of the autoupdate log file for this morning.

Tnx,
Fred, W1WYC

2011/09/21 12:44:06 [FetchUpdateFilesHTTP] Exception: System.Exception: IP*Works! V8 (nsoftware.IPWorks.Http component). Could not find a valid license for using IP*Works! V8 on this system. To obtain a trial license, please visit www.nsoftware.com or email support@... [code: G nodeid: Y1Y5B03B].
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, Int32& A_2, String& A_3, Boolean A_4)
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, Int32& A_2)
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, Byte[] A_2)
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, String A_2)
at nsoftware.IPWorks.Http.Get(String URL)
at V4Chat.Autoupdate.FetchUpdateFilesHTTP(String strURL)
2011/09/21 12:44:06 [FetchUpdateFilesHTTP] HTTP.Get: http://autoupdate.winlink.org:8776/Autoupdate/Files.txt
2011/09/21 12:44:06 [FetchUpdateFilesHTTP] lstFileNames is empty

2059. Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-21 13:56:54 UTC
From: la7um
Topic: 43 Message: 2059

Rick. Yes I know. CTRL+CR was early introduced allowing for some editing before TX. But observing a lot of people on this reflector NOT moving data to outbound queue and probably not understanding why nothing went on air, I got the Idea of reverting to plain CR actually doing this move of data as the default most intuitive setting.

This way, as default, the non help readers probably increase the statistical probability of succeeding a line by line qso without reading any manual.

IF they later want the more fancy options, those options still would be there by an ACTIVE check of that hook, probably increasing a concious understanding of what will be needed by the client from that point of.

Maybe an eventual change better be done within the beta period.

Anyway Not a big deal for me.

73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Finn,
>
> I defaulted the Send command to what was being used for the past few months (Ctrl + CR) ...it would have caused chaos to do otherwise. In time it could be changed but after all the guy only has to select it once, just like entering his call sign. And of course the Queue Data button always does whatever is selected.
>
> Rick KN6KB
>
> From: la7um
> Sent: Tuesday, September 20, 2011 10:52 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: New file uploaded to V4Protocol
>
>
> Rick. Auto update from 0600 to 0610 went fluently. XP home. One idea:
> Default hook for CR and not Ctrl+CR. Choice ok. Reducing probability of operator errors.
73 De la7um Finn
>

2060. Re: [V4Protocol] Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-21 14:16:23 UTC
From: W6IDS
Topic: 43 Message: 2060

HI Finn 'n Rick,

Just took a look - auto update went well. VISTA 64 ACER Aspire

Just had to restart V4 to implement the change.

Sitting on 7061.000 DIAL (W6IDS) along with my BPQ32/Winmor
(W6IDS-10)

Howard W6IDS
Richmond, IN EM79NV

----- Original Message -----
From: "la7um" <la7um@...>
To: <V4Protocol@yahoogroups.com>
Sent: Tuesday, September 20, 2011 10:52 PM
Subject: [V4Protocol] Re: New file uploaded to V4Protocol

Rick. Auto update from 0600 to 0610 went fluently. XP home. One idea:
Default hook for CR and not Ctrl+CR. Choice ok. Reducing probability of
operator errors. 73 De la7um Finn

2061. RE: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-21 14:23:32 UTC
From: G4AIU
Topic: 43 Message: 2061

Rick,

An update on my previous post:

On opening up my FT-857D computer this AM the version shown was V 0.6.0.1. I deleted this version and manually installed V 0.6.1.0 - now both the V4Chat and the TNC screens are showing V 0.6.1.0 and "Auto Update Enabled using HTTP port 8776" is displayed.

This means that both rigs - FT-847 and FT-857D are using the HTTP port 8776 with no problems and a mouse click on the Contact screen brings up the correct centre frequency.

73 de Eugene / G4AIU

IO80jx

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of G4AIU
Sent: 21 September 2011 00:03
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] New file uploaded to V4Protocol

Rick,

Brief observations following upgrade V0.6.1.0.

My FT847 completed the Auto upgrade without any difficulty using PORT 8776. As indicated the computer-to-rig frequency changes are working without any problems. The centre RED marker on the TNC screen indicates a frequency of eg. 14073.000 when I mouse-click on the CQ contact screen. I get a reading of 14073.305 when I mouse-click on the Right hand GREEN line. When I click on the Left hand GREEN line - I get a reading of 14072.994. However, when I click again on the centre RED line I get a reading of 14072.689. These frequency changes are indicated on the rig as 14073.300 and 14072.690. I was expecting to tune to the centre line again, 14073.000 but when I mouse click on the RED line I get a reading on 14072.689. Hope all this makes sense to you!

1. My FT857D also downloaded the Auto update using PORT 8776 and the frequency of 14073.00 is displayed on the TNC screen. However, I previously downloaded V 0.6.0.1 onto the associated computer but the Header on the V4Chat and the TNC screens still reads V0.6.0.1 and not V0.6.1.0 as expected. The frequency display on the TNC screen is as follows: The RIGHT hand Green line indicates 14073.30 and the LEFT hand Green line reads 14072.70. The rig reads 14073.30 and 14072.70 respectively. When I click on

the centre RED line the frequency does not move from 14072.70 - the same frequency as the LEFT hand Green line.

Hope this helps in some way. It is now midnight and I am going to bed!!

73 de Eugene / G4AIU

IO80jx

2062. Re: [V4Protocol] 0.6.1.0 with TS-590S

Yahoo group: V4Protocol
Date: 2011-09-21 14:46:12 UTC
From: Ian Wade G3NRW
Topic: 2048 Message: 2062

Thanks Rick. Further comments below:

___Original Message_____________________________________
From: Rick Muething <rmuething@...>
Date: Wed, 21 Sep 2011 Time: 07:26:45

>
>Actually the TS-590 and the TS-480 already have the option of TX0 or
>TX1 allowing you to key the radio via the CAT control and select either
>the Mic input or the (auxiliary) input. In the Radio setup menu after
>you have selected Kenwood radio type and selected the appropriate com
>port for control the PTT Port will have several options:
>
~~~~~~
>1) External will use external PTT keying e.g. From a SignaLink PTT output

OK

~~~~~~
>2) Selecting another serial port will use direct PTT keying using RTS
>and/or DTR signals from that serial port.

Not on the TS-590S. On this radio the control signals are used for their
intended purpose -- flow control, not PTT control.

~~~~~~
>3) K590-Mic will key the TS-590 using the TX0 command for PTT on and RX
>for PTT off

No! You should remove that option completely. TX0 works in exactly the
same way as pressing the PTT button on the mic. That is, any noises
picked up on the mic will be transmitted. Your coughs, sneezes,
expletives and any other "noises off" will accompany your V4 signal.

~~~~~~
>4) K590-Aux will key the TS-590 using the TX1 command for PTT on and RX
>for PTT off.

That's the way to do it. With TX1, the mic input is disabled. However,
you should re-word the legend from "K590-Aux" (there isn't an "Aux" port
on the TS-590S) to "K590-Data Send".

Alternatively, you might follow fldigi's example by adding a checkbox
"CAT Command for PTT", which would remove any doubt.

~~~~~~
>
>That was done that way to allow flexibility in the selection of the
~~~~~~

>audio source. Since I don’t have a TS-590 here and didn’t see it
>in the Kenwood documentation I am not sure if the TX1 command actually
>takes the data from the Aux port or from the internal Sound card
>output. Maybe you could confirm that.

Neither.

The TX1; CAT command is completely independent of the USB audio channel.
CAT commands can be conveyed by:

1. The TS-590S UART channel on the USB port.
2. The TS-590S COM port.
3. The TS-590S ACC2 port.

As I mentioned above, the TS-590S doesn't have an "Aux" port.

~~~~~~

>
>You are correct on the waterfall frequency display. I wanted to keep
>it simple initially not trying to explain the frequency displayed is
>actually 1500 Hz offset from the waterfall frequency. I’ll take a
>look at a better way to do that.

As a quick fix, I suggest you simply move the VFO dial frequency well
away from the waterfall (so that people won't assume the displayed
frequency is the radiated frequency), and prefix the frequency with the
word "Dial:"

Then on the waterfall itself change the legend "800" to "Dial+800" and
"2200" to "Dial+2200". This way, you don't have to do any "VFO+1500Hz"
machinations.

~~~~~~

A further point. Up to now we have been speaking about forcing the VFO
to VFO-A. On reflection, I don't think it is a good idea to allow the
program to override the user's preference, possibly whipping VFO-B from
under their feet.

There must be many users who, for one reason or another, use VFO-B for
particular purposes -- for example, for convenience I use VFO-B for data
signals and VFO-A for voice signals, and my memories are set up this
way. I much prefer the fldigi approach, where they use IF; instead of
FA; This way, the program uses the VFO that is currently being displayed
-- it could be VFO-A or VFO-B. (And the frequency returned by the IF;
command is in exactly the same format as the FA; command, so little
change would be required in V4).

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

2063. 10 OPEN: ON 28074

Yahoo group: V4Protocol
Date: 2011-09-21 15:29:58 UTC
From: rich3x
Topic: 2063 Message: 2063

Will CQ & QSX on 28074 remainder of day 9-21.
de Rich/N2JR FM18

2064. Re: [V4Protocol] Help with autoupdate

Yahoo group: V4Protocol
Date: 2011-09-21 16:38:10 UTC
From: Fred G -w1wyc
Topic: 2053 Message: 2064

Hi Rick,

I downloaded ver. 0.6.1.0 and got the same message in the Autoupdate log file.
I opened port 8776 in Windows Firewall as a TCP not UDP and with the name V4Chat.
I've included the .log file below:
I'll wait to see if you come up with the potential problem cure.
Updating manually is no problem but it would be nice to have autoupdate.
You've got a lot on your plate right now.

Fred, W1WYC

"From Receive Window"
*** Startup of V4Chat Ver 0.6.1.0 ; Auto Update Enabled using HTTP port 8776
*** V4 TNC TCP OK on port 8510

"From "Autoupdate.log File"
2011/09/21 16:20:39 [FetchUpdateFilesHTTP] Exception: System.Exception: IP*Works! V8 (nsoftware.IPWorks.Http component). Could not find a valid license for using IP*Works! V8 on this system. To obtain a trial license, please visit www.nsoftware.com or email support@... [code: G nodeid: Y1Y5B03B].
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, Int32& A_2, String& A_3, Boolean A_4)
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, Int32& A_2)
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, Byte[] A_2)
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, String A_2)
at nsoftware.IPWorks.Http.Get(String URL)
at V4Chat.Autoupdate.FetchUpdateFilesHTTP(String strURL)
2011/09/21 16:20:39 [FetchUpdateFilesHTTP] HTTP.Get: http://autoupdate.winlink.org:8776/Autoupdate/Files.txt
2011/09/21 16:20:39 [FetchUpdateFilesHTTP] lstFileNames is empty

----- Original Message -----
From: Fred G -w1wyc
To: V4Protocol@yahoogroups.com
Sent: Wednesday, September 21, 2011 9:01 AM
Subject: Re: [V4Protocol] Help with autoupdate

Hi again Rick,

I didn't know there was a ver. 0.6.1.0. I'll install that and get back to you.
Gotta take the XYL shopping right now.

Fred, W1WYC

2065. Re: [V4Protocol] Help with autoupdate

Yahoo group: V4Protocol
Date: 2011-09-21 16:47:49 UTC
From: Rick Muething
Topic: 2053 Message: 2065

Thanks Fred,

I have had these license problems in the past. It is not very obvious but it is easily fixed. Basically there is something that wasn't included in the install that enables the HTTP control and I'll have to fix that. Of course that will require a new install since auto update won't run as is. Typical growing pains!

Rick KN6KB

From: Fred G -w1wyc
Sent: Wednesday, September 21, 2011 12:38 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Help with autoupdate

Hi Rick,

I downloaded ver. 0.6.1.0 and got the same message in the Autoupdate log file.
I opened port 8776 in Windows Firewall as a TCP not UDP and with the name V4Chat.
I've included the .log file below:
I'll wait to see if you come up with the potential problem cure.
Updating manually is no problem but it would be nice to have autoupdate.
You've got a lot on your plate right now.

Fred, W1WYC

"From Receive Window"
*** Startup of V4Chat Ver 0.6.1.0 ; Auto Update Enabled using HTTP port 8776
*** V4 TNC TCP OK on port 8510

"From "Autoupdate.log File"
2011/09/21 16:20:39 [FetchUpdateFilesHTTP] Exception: System.Exception: IP*Works! V8 (nsoftware.IPWorks.Http component). Could not find a valid license for using IP*Works! V8 on this system. To obtain a trial license, please visit www.nsoftware.com or email support@nsoftware.com [code: G nodeid: Y1Y5B03B].
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, Int32& A_2, String& A_3, Boolean A_4)
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, Int32& A_2)
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, Byte[] A_2)
at nsoftware.core.ipw80a4.a(Int32 A_0, Type A_1, String A_2)
at nsoftware.IPWorks.Http.Get(String URL)
at V4Chat.Autoupdate.FetchUpdateFilesHTTP(String strURL)
2011/09/21 16:20:39 [FetchUpdateFilesHTTP] HTTP.Get:
http://autoupdate.winlink.org:8776/Autoupdate/Files.txt
2011/09/21 16:20:39 [FetchUpdateFilesHTTP] lstFileNames is empty

2066. Logging

Yahoo group: V4Protocol
Date: 2011-09-21 17:26:01 UTC
From: Paul
Topic: 753 Message: 2066

Has anyone noticed a problem with their qso log? I have logged a few contacts last night and this morning... and they are gone now. Not all of them but some just went missing. I am not sure what I did or whatever so can't reproduce it yet. Just curious if anyone else noticed this?

Paul
VE9NC

2067. Feedback on CAT control using ICOM radio forversion 0.6.0.1

Yahoo group: V4Protocol
Date: 2011-09-21 17:33:25 UTC
From: ham
Topic: 2067 Message: 2067

Computer: Pentium 4, 3.2GHz running XP Pro with latest patches
Radio: ICOM-746PRO
Radio Control Port: COM2, Address 66, 9600 BPS
PTT: CI-V

CAT control works OK other than the fact that when you click below the waterfall to change frequency, filter setting number 2 gets selected all the time.

Anyone else run into this small issue?

73, Bernie

2068. Re: Feedback on CAT control using ICOM radio forversion 0.6.0.1

Yahoo group: V4Protocol
Date: 2011-09-21 18:26:13 UTC
From: Robert Mitchell
Topic: 2067 Message: 2068

Rick fixed most everything in CAT control. Upload ver 0.6.1.0 which is now current and contains the fixes.
Bob
N7DHV

--- In V4Protocol@yahoogroups.com, "ham" <ve3fwf@...> wrote:
>
> Computer: Pentium 4, 3.2GHz running XP Pro with latest patches
> Radio: ICOM-746PRO
> Radio Control Port: COM2, Address 66, 9600 BPS
> PTT: CI-V
>
> CAT control works OK other than the fact that when you click below the waterfall to change frequency, filter setting number 2 gets selected all the time.
>
> Anyone else run into this small issue?
>
> 73, Bernie
>

2069. HRD Log Book/LOTW and V4

Yahoo group: V4Protocol
Date: 2011-09-21 19:31:32 UTC
From: kc2nyu
Topic: 2069 Message: 2069

I am guessing there are a few V4 users who also use HRD Logbook. I use it to log my QSO's and then to upload to LoTW and to eQSL. The problem is when you open the Add to My Log Book window and try to enter a "Mode", there is no way I know of to type in a new mode. V4 is not one of the pre-loaded Mode types. So how are you guys (if any HRD types) entering you V4 QSO's ??

73 Paul
KC2NYU

2070. Re: HRD Log Book/LOTW and V4

Yahoo group: V4Protocol
Date: 2011-09-21 20:13:52 UTC
From: g4ilo
Topic: 2069 Message: 2070

eQSL won't accept V4 as a mode either. I've asked (twice) in their forum but didn't get a response. I guess the problem is it is not part of the ADIF specification. But the ROS mode got added very quickly.

I don't have a problem logging V4 locally because I wrote my own logging program. :)

Julian, G4ILO

--- In V4Protocol@yahoogroups.com, "kc2nyu" <eckerpw@...> wrote:
>
> I am guessing there are a few V4 users who also use HRD Logbook. I use it to log my QSO's and then to upload to LoTW and to eQSL. The problem is when you open the Add to My Log Book window and try to enter a "Mode", there is no way I know of to type in a new mode. V4 is not one of the pre-loaded Mode types. So how are you guys (if any HRD types) entering you V4 QSO's ??
>
> 73 Paul
> KC2NYU
>

2071. Re: [V4Protocol] 0.6.1.0 with TS-590S

Yahoo group: V4Protocol
Date: 2011-09-21 20:35:20 UTC
From: Ian Wade G3NRW
Topic: 2048 Message: 2071

Rick

Something else you might consider:

___Original Message_____________________________________
From: Ian Wade G3NRW <g3nrw-radio@...>
Date: Wed, 21 Sep 2011 Time: 08:27:00

> I see that you now force the
>radio to VFO-A and initialize various other parameters
>(BC0;NB0;NR0;FR0;FT0;RC;MD2;).

I have another setting for you to initialize: PR0; This turns the
speech processor off. I discovered this afternoon that, because you
forced me to use VFO-A [grin], the speech processor was on (as it
usually is for voice). I then started transmitting V4, and only noticed
by accident that the ALC was hard at work. I shudder to think what the
on-air tones sounded like!

P.S. I had my very first ARQ QSO this afternoon, with Paul, VE9NC (thank
you Paul). It was just like AMTOR all over again, only better. I think
I'm beginning to like V4.

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

2072. A minor Flex problem

Yahoo group: V4Protocol
Date: 2011-09-21 20:52:42 UTC
From: kirkharding@rocketmail.com
Topic: 2072 Message: 2072

Rick,

When using V4, I utilize the DIGU function built into Flex s/w. One thing I've noticed is as soon as you place the mouse cursor in the waterfall (as an example, to adjust frequency), DIGU will immediately cause the Flex (a Flex-5000), to change to the USB function. I've confirmed this with a couple of other Flex radio users who report the same anomolly. It's not a big problem but something you should be aware of.

Kirk, K6KAR
Niceville, FL

2073. Re: [V4Protocol] A minor Flex problem

Yahoo group: V4Protocol
Date: 2011-09-21 20:55:13 UTC
From: Rick Muething
Topic: 2072 Message: 2073

Kirk,
Yes I noticed this too. It means having to go and make special code for Flex vs others. Not impossible just busy work. I would like to keep the customization of commands minimized....you can never please everyone and allowing setup options gets very messy. I'll put it on the list.

Rick KN6KB

From: mailto:kirk.harding@...
Sent: Wednesday, September 21, 2011 4:52 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] A minor Flex problem

Rick,

When using V4, I utilize the DIGU function built into Flex s/w. One thing I've noticed is as soon as you place the mouse cursor in the waterfall (as an example, to adjust frequency), DIGU will immediately cause the Flex (a Flex-5000), to change to the USB function. I've confirmed this with a couple of other Flex radio users who report the same anomolly. It's not a big problem but something you should be aware of.

Kirk, K6KAR
Niceville, FL

2074. Re: [V4Protocol] V4Chat v0.6.1.0 and Icom IC-736

Yahoo group: V4Protocol
Date: 2011-09-22 02:44:21 UTC
From: Rick Muething
Topic: 2054 Message: 2074

Peter,

Well the 735 gas been reported to work with Readback on 0.6.1.0 but that is a different radio. If the frequency sets correctly you have the correct address, baud rate etc. The only thing I can do is to add additional verbose logging to capture what (if anything) the 736 sends back in response to the command for request for frequency. If you can capture that some way It would help a lot.

The set frequency only now operates on a CHANGE in the index (line) in the mini log. I can probably make it also work on just a click to the line even if no change. I'll put that on the list.

Rick KN6KB

From: paknight1951
Sent: Wednesday, September 21, 2011 8:56 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4Chat v0.6.1.0 and Icom IC-736

Rick,

Icom IC-736 ("Early" Icom)
CIV Control Address Hex 40 9600Bd
USB to RS232 Converter COM4
RS232 CAT Controller powered via DTR
Separate PTT TX Line using RTS

Feedback:

Still no frequency read-back from IC-736.

Another small point, which isn't a real problem: Click on entry in Mini-Log and Transceiver goes off to frequency correctly. Re-tune radio and click on the same entry again to revert back to frequency stored there and Transceiver doesn't tune. I have to click on another Log entry and then click back to original entry to get Transciever back to that stored entry.

73

Peter G6EPN

2075. Re: HRD Log Book/LOTW and V4

Yahoo group: V4Protocol
Date: 2011-09-22 03:02:09 UTC
From: ham
Topic: 2069 Message: 2075

See my earlier posting number 1673 for a possible work around

--- In V4Protocol@yahoogroups.com, "g4ilo" <julian.g4ilo@...> wrote:
>
> eQSL won't accept V4 as a mode either. I've asked (twice) in their forum but didn't get a response. I guess the problem is it is not part of the ADIF specification. But the ROS mode got added very quickly.
>
> I don't have a problem logging V4 locally because I wrote my own logging program. :)
>
> Julian, G4ILO
>
> --- In V4Protocol@yahoogroups.com, "kc2nyu" <eckerpw@> wrote:
> >
> > I am guessing there are a few V4 users who also use HRD Logbook. I use it to log my QSO's and then to upload to LoTW and to eQSL. The problem is when you open the Add to My Log Book window and try to enter a "Mode", there is no way I know of to type in a new mode. V4 is not one of the pre-loaded Mode types. So how are you guys (if any HRD types) entering you V4 QSO's ??
> >
> > 73 Paul
> > KC2NYU
> >
>

2076. Re: V4Chat v0.6.1.0 and Icom IC-736

Yahoo group: V4Protocol
Date: 2011-09-22 03:19:35 UTC
From: ham
Topic: 2054 Message: 2076

Rick:

Perhaps having V4 interface with Commander might be an easier approach? Supporting all these different radio types is a *big* undertaking (lots of time required to fix all these issues which already have been resolved).

73, Bernie

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Peter,
>
> Well the 735 gas been reported to work with Readback on 0.6.1.0 but that is a different radio. If the frequency sets correctly you have the correct address, baud rate etc. The only thing I can do is to add additional verbose logging to capture what (if anything) the 736 sends back in response to the command for request for frequency. If you can capture that some way It would help a lot.
>
> The set frequency only now operates on a CHANGE in the index (line) in the mini log. I can probably make it also work on just a click to the line even if no change. Iâ□□ll put that on the list.
>
> Rick KN6KB
>
> From: paknight1951
> Sent: Wednesday, September 21, 2011 8:56 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] V4Chat v0.6.1.0 and Icom IC-736
>
>
>
> Rick,
>
> Icom IC-736 ("Early" Icom)
> CIV Control Address Hex 40 9600Bd
> USB to RS232 Converter COM4
> RS232 CAT Controller powered via DTR
> Separate PTT TX Line using RTS
>
> Feedback:
>
> Still no frequency read-back from IC-736.
>
> Another small point, which isn't a real problem: Click on entry in Mini-Log and Transceiver goes off to frequency correctly. Re-tune radio and click on the same entry again to revert back to frequency stored there and Transceiver doesn't tune. I have to click on another Log entry and then click back to original entry to get Transciever back to that stored entry.

>
> 73
>
> Peter G6EPN
>

2077. Further to: V4Chat v0.6.1.0 and Icom IC-736

Yahoo group: V4Protocol
Date: 2011-09-22 07:43:24 UTC
From: paknight1951
Topic: 2054 Message: 2077

Hi Rick,

Thanks for your quick response, as always.

As previously reported to you, the system here works fine with other s/w
such as HRD/DM/JT65 etc., so I'm certain that all is OK with the setup.
I have just copied out a section of the V4 Log where I uninstalled
0.6.0.1 and installed 0.6.1.0:

2011/09/21 12:37:30 0.6.0.1 [RadioResponse] Icom
reply:[FE,FE,F1,40,3,73,29,7,14,0,FD]
2011/09/21 12:37:31 0.6.0.1 [RadioResponse] Icom
reply:[FE,FE,40,F1,3,FD]
2011/09/21 12:37:31 0.6.0.1 [RadioResponse] Icom
reply:[FE,FE,F1,40,3,73,29,7,14,0,FD]

2011/09/21 12:39:00 *** Startup of V4Chat Ver 0.6.1.0 ***

2011/09/21 12:39:05 {Status}
2011/09/21 12:39:05 {Status} *** Startup of V4Chat Ver 0.6.1.0 ; Auto
Update Enabled using HTTP port 8776
2011/09/21 12:39:05 {Status} *** V4 TNC TCP OK on port 8510
2011/09/21 12:39:17 {Info} *** Freq Changed: 10131.000 KHz Dial
2011/09/21 12:39:19 {Info} *** Freq Changed: 14073.000 KHz Dial
2011/09/21 12:39:30 {Info} *** Freq Changed: 14072.988 KHz Dial
2011/09/21 12:39:31 {Info} *** Freq Changed: 14073.304 KHz Dial
2011/09/21 12:39:32 {Info} *** Freq Changed: 14073.316 KHz Dial
2011/09/21 12:39:33 {Info} *** Freq Changed: 14072.455 KHz Dial
2011/09/21 12:39:34 {Info} *** Freq Changed: 14072.496 KHz Dial
2011/09/21 12:39:49 {Info} *** Freq Changed: 10131.000 KHz Dial
2011/09/21 12:39:50 {Info} *** Freq Changed: 14073.000 KHz Dial
2011/09/21 12:39:56 {Info} *** Freq Changed: 10131.000 KHz Dial
2011/09/21 12:39:58 {Info} *** Freq Changed: 14073.000 KHz Dial
2011/09/21 12:40:00 {Info} *** Freq Changed: 21073.000 KHz Dial
2011/09/21 12:40:01 {Info} *** Freq Changed: 14073.000 KHz Dial
2011/09/21 12:40:06 {Info} *** Freq Changed: 10131.000 KHz Dial
2011/09/21 12:40:07 {Info} *** Freq Changed: 14073.000 KHz Dial
2011/09/21 12:44:04 {Rcv Txt Err} 6Ci'XPW e
2011/09/21 12:44:42 {Rcv Txt Err} 0:W?pP rlNwR@
2011/09/21 12:47:18 {Rcv Txt Err} Qt !P'=[S<J[5Ud
2011/09/21 12:50:29 {Rcv Txt Err} -0~_4GmFC0SX'z;
2011/09/21 12:52:04 {Rcv Txt Err} 1<Y%uR"1 U*
2011/09/21 12:57:15 {Rcv Txt Err} ;=%{qDK{KC(
2011/09/21 13:00:09 {Info} *** Freq Changed: 14073.141 KHz Dial
2011/09/21 13:00:18 {Info} *** Freq Changed: 10131.000 KHz Dial
2011/09/21 13:00:19 {Info} *** Freq Changed: 14073.000 KHz Dial

2011/09/21 13:02:44 {Rcv Txt Err} Id<5gX+n 5krj
2011/09/21 13:04:41 {Rcv Txt Err} '^ W%,OT*!
2011/09/21 13:06:36 {Rcv Txt Err} _:fn2O5g 7s
2011/09/21 13:07:22 {Rcv Txt Err} hM!5c! UZ=NN

I note that with 0.6.0.1 the version number is included in the log, which was helpful! But anyway, you can see the Icom replies in 6.0.1, and this seems to be replaced with Rcv Txt Err throught the whole of the 6.1.0 log. If you require the full Logs I will send them directly to you.

In terms of setting the freq via the Mini-Log, I'm just being lazy and looking for a quick way of changing Band when hunting down the (elusive) V4Chat signals! (I could quite easily press the Band Change Switch on the Radio.....). All that I have done is place the favourite V4Chat freqs at the top of the MiniLog for quick access, and it would be nice to be able to return to the original freq on any one Band after having tuned around a bit.

Thanks for all your hard work

73

Peter G6EPN

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...>
wrote:
>
> Peter,
>
> Well the 735 gas been reported to work with Readback on 0.6.1.0 but that is a different radio. If the frequency sets correctly you have the correct address, baud rate etc. The only thing I can do is to add additional verbose logging to capture what (if anything) the 736 sends back in response to the command for request for frequency. If you can capture that some way It would help a lot.
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> The set frequency only now operates on a CHANGE in the index (line) in the mini log. I can probably make it also work on just a click to the line even if no change. Iâ☐☐ll put that on the list.
>
> Rick KN6KB
>
> From: paknight1951
> Sent: Wednesday, September 21, 2011 8:56 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] V4Chat v0.6.1.0 and Icom IC-736
>
>
>
> Rick,

>
> Icom IC-736 ("Early" Icom)
> CIV Control Address Hex 40 9600Bd
> USB to RS232 Converter COM4
> RS232 CAT Controller powered via DTR
> Separate PTT TX Line using RTS
>
> Feedback:
>
> Still no frequency read-back from IC-736.
>
> Another small point, which isn't a real problem: Click on entry in Mini-Log and Transceiver goes off to frequency correctly. Re-tune radio and click on the same entry again to revert back to frequency stored there and Transceiver doesn't tune. I have to click on another Log entry and then click back to original entry to get Transciever back to that stored entry.
>
> 73
>
> Peter G6EPN
>

2078. Re: [V4Protocol] Further to: V4Chat v0.6.1.0 and Icom IC-736

Yahoo group: V4Protocol
Date: 2011-09-22 12:05:07 UTC
From: Rick Muething
Topic: 2054 Message: 2078

Peter,

I think I see the problem. If you look at the Icom response from version 0.6.0.1 (the only place in the log I see a response) I see:
2011/09/21 12:37:30 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,40,3,73,29,7,14,0,FD]

Note this is 10 digit reply to frequency 0014072973.

That is not what the “Early Icom’s” like the 735 send...they send an 8 digit reply e.g. 14072973. If you have early Icom selected it won’t recognize a 10 digit reply. If you switch to normal Icom Amateur I suspect it will work. It is working for other Icoms using 10 digit replies (e.g. 7200)

Let me know what you find.

Rick KN6KB

From: paknight1951
Sent: Thursday, September 22, 2011 3:43 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Further to: V4Chat v0.6.1.0 and Icom IC-736

Hi Rick,

Thanks for your quick response, as always.

As previously reported to you, the system here works fine with other s/w such as HRD/DM/JT65 etc., so I'm certain that all is OK with the setup. I have just copied out a section of the V4 Log where I uninstalled 0.6.0.1 and installed 0.6.1.0:

2011/09/21 12:37:30 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,40,3,73,29,7,14,0,FD]
2011/09/21 12:37:31 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,40,F1,3,FD]
2011/09/21 12:37:31 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,40,3,73,29,7,14,0,FD]

2011/09/21 12:39:00 *** Startup of V4Chat Ver 0.6.1.0 ***

2011/09/21 12:39:05 {Status}
2011/09/21 12:39:05 {Status} *** Startup of V4Chat Ver 0.6.1.0 ; Auto Update Enabled using HTTP port 8776
2011/09/21 12:39:05 {Status} *** V4 TNC TCP OK on port 8510
2011/09/21 12:39:17 {Info} *** Freq Changed: 10131.000 KHz Dial
2011/09/21 12:39:19 {Info} *** Freq Changed: 14073.000 KHz Dial
2011/09/21 12:39:30 {Info} *** Freq Changed: 14072.988 KHz Dial
2011/09/21 12:39:31 {Info} *** Freq Changed: 14073.304 KHz Dial
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2011/09/21 12:39:33 {Info} *** Freq Changed: 14072.455 KHz Dial
2011/09/21 12:39:34 {Info} *** Freq Changed: 14072.496 KHz Dial
2011/09/21 12:39:49 {Info} *** Freq Changed: 10131.000 KHz Dial

```
2011/09/21 12:39:50 {Info} *** Freq Changed: 14073.000 KHz Dial
2011/09/21 12:39:56 {Info} *** Freq Changed: 10131.000 KHz Dial
2011/09/21 12:39:58 {Info} *** Freq Changed: 14073.000 KHz Dial
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2011/09/21 12:44:42 {Rcv Txt Err} 0:W?pP rlNwR@
2011/09/21 12:47:18 {Rcv Txt Err} Qt !P'=[S<J[5Ud
2011/09/21 12:50:29 {Rcv Txt Err} -0~_4GmFC0SX'z;
2011/09/21 12:52:04 {Rcv Txt Err} 1<Y%uR"1 U*
2011/09/21 12:57:15 {Rcv Txt Err} ;=%{qDK{KC(
2011/09/21 13:00:09 {Info} *** Freq Changed: 14073.141 KHz Dial
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2011/09/21 13:02:44 {Rcv Txt Err} Id<5gX+n 5krj
2011/09/21 13:04:41 {Rcv Txt Err} '^  W%,OT*!
2011/09/21 13:06:36 {Rcv Txt Err} _:fn2O5g 7s
2011/09/21 13:07:22 {Rcv Txt Err} hM!5c! UZ=NN
```

I note that with 0.6.0.1 the version number is included in the log, which was helpful! But anyway, you can see the Icom replies in 6.0.1, and this seems to be replaced with Rcv Txt Err throught the whole of the 6.1.0 log. If you require the full Logs I will send them directly to you.

In terms of setting the freq via the Mini-Log, I'm just being lazy and looking for a quick way of changing Band when hunting down the (elusive) V4Chat signals! (I could quite easily press the Band Change Switch on the Radio.....). All that I have done is place the favourite V4Chat freqs at the top of the MiniLog for quick access, and it would be nice to be able to return to the original freq on any one Band after having tuned around a bit.

Thanks for all your hard work

73

Peter G6EPN

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Peter,
>
> Well the 735 gas been reported to work with Readback on 0.6.1.0 but that is a different radio. If the frequency sets correctly you have the correct address, baud rate etc. The only thing I can do is to add additional verbose logging to capture what (if anything) the 736 sends back in response to the command for request for frequency. If you can capture that some way It would help a lot.
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> Rick KN6KB

>
> From: paknight1951
> Sent: Wednesday, September 21, 2011 8:56 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] V4Chat v0.6.1.0 and Icom IC-736
>
>
>
> Rick,
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> Icom IC-736 ("Early" Icom)
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>
> 73
>
> Peter G6EPN
>

2079. AW: [V4Protocol] Re: V4Chat v0.6.1.0 and Icom IC-736

Yahoo group: V4Protocol
Date: 2011-09-22 06:08:52 UTC
From: Siegfried Jackstien
Topic: 2054 Message: 2079

Commander or omnirig ... both would work
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von ham
> Gesendet: Donnerstag, 22. September 2011 03:20
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Re: V4Chat v0.6.1.0 and Icom IC-736
>
>
>
>
>
> Rick:
>
> Perhaps having V4 interface with Commander might be an easier approach?
> Supporting all these different radio types is a *big* undertaking (lots of
> time required to fix all these issues which already have been resolved).
>
> 73, Bernie
>
> --- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> ,
> "Rick Muething" <rmuething@...> wrote:
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> > Peter,
> >
> > Well the 735 gas been reported to work with Readback on 0.6.1.0 but that
> is a different radio. If the frequency sets correctly you have the correct
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> verbose logging to capture what (if anything) the 736 sends back in
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> some way It would help a lot.
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> the mini log. I can probably make it also work on just a click to the line
> even if no change. Iâ€™ll put that on the list.
> >
> > Rick KN6KB
> >
> > From: paknight1951
> > Sent: Wednesday, September 21, 2011 8:56 AM
> > To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > Subject: [V4Protocol] V4Chat v0.6.1.0 and Icom IC-736

> >
> >
> >
> > Rick,
> >
> > Icom IC-736 ("Early" Icom)
> > CIV Control Address Hex 40 9600Bd
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> Transceiver doesn't tune. I have to click on another Log entry and then
> click back to original entry to get Transciever back to that stored entry.
> >
> > 73
> >
> > Peter G6EPN
> >
>
>
>
>

2080. Re: [V4Protocol] A minor Flex problem

Yahoo group: V4Protocol
Date: 2011-09-22 12:18:29 UTC
From: Ted Trostle
Topic: 2072 Message: 2080

I do not have that problem with the Flex 3000. Note: I am using the PWSDR
software v2.2.3.

Ted, WB2LOU

On Wed, Sep 21, 2011 at 4:55 PM, Rick Muething <rmuething@...> wrote:

> **
>
>
> Kirk,
> Yes I noticed this too. It means having to go and make special code for
> Flex vs others. Not impossible just busy work. I would like to keep the
> customization of commands minimized....you can never please everyone and
> allowing setup options gets very messy. I'll put it on the list.
>
> Rick KN6KB
>
>
> *From:* mailto:kirk.harding@... <kirk.harding@...>
> *Sent:* Wednesday, September 21, 2011 4:52 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] A minor Flex problem
>
>
>
> Rick,
>
> When using V4, I utilize the DIGU function built into Flex s/w. One thing
> I've noticed is as soon as you place the mouse cursor in the waterfall (as
> an example, to adjust frequency), DIGU will immediately cause the Flex (a
> Flex-5000), to change to the USB function. I've confirmed this with a couple
> of other Flex radio users who report the same anomolly. It's not a big
> problem but something you should be aware of.
>
> Kirk, K6KAR
> Niceville, FL
>
>
>

--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is
incurable.

2081. RE: [V4Protocol] A minor Flex problem

Yahoo group: V4Protocol
Date: 2011-09-22 12:35:57 UTC
From: K6KAR
Topic: 2072 Message: 2081

Ted,

Interesting. I not only see this problem on my 5000 but also on my 3000 and 1500 as well. Just assumed the problem is an anomaly between V4 and PWSDR. I also use PWSDR vs 2.2.3.

Kirk

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ted Trostle
Sent: Thursday, September 22, 2011 7:18 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] A minor Flex problem

I do not have that problem with the Flex 3000. Note: I am using the PWSDR software v2.2.3.

Ted, WB2LOU

On Wed, Sep 21, 2011 at 4:55 PM, Rick Muething <rmuething@...> wrote:

Kirk,

Yes I noticed this too. It means having to go and make special code for Flex vs others. Not impossible just busy work. I would like to keep the customization of commands minimized....you can never please everyone and allowing setup options gets very messy. I'll put it on the list.

Rick KN6KB

From: mailto:kirk.harding@...

Sent: Wednesday, September 21, 2011 4:52 PM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] A minor Flex problem

Rick,

When using V4, I utilize the DIGU function built into Flex s/w. One thing I've noticed is as soon as you place the mouse cursor in the waterfall (as an example, to adjust frequency), DIGU will immediately cause the Flex (a Flex-5000), to change to the USB function. I've confirmed this with a couple of other Flex radio users who report the same anomolly. It's not a big problem but something you should be aware of.

Kirk, K6KAR
Niceville, FL

--
You cannot change history, but you can make history !
Education is the only legal cure for Ignorance. The Stupidity of many is incurable.

2082. Re: Further to: V4Chat v0.6.1.0 and Icom IC-736

Yahoo group: V4Protocol
Date: 2011-09-22 12:41:43 UTC
From: paknight1951
Topic: 2054 Message: 2082

Hi Rick,

Thanks for your very quick response, seeing that it must be early there!

Just to verify that the Icom IC-736 requires the Radio Settings to be:

"Icom Amateur Radios", and not:

"Icom Amateur Radios (Early)"

All now works as expected, thanks very much for the support over this.

73

Peter G6EPN

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Peter,
>
> I think I see the problem. If you look at the Icom response from version 0.6.0.1 (the only place in the log I see a response) I see:
> 2011/09/21 12:37:30 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,40,3,73,29,7,14,0,FD]
>
> Note this is 10 digit reply to frequency 0014072973.
>
> That is not what the â□□Early Icomâ□□sâ□□ like the 735 send...they send an 8 digit reply e.g. 14072973. If you have early Icom selected it wonâ□□t recognize a 10 digit reply. If you switch to normal Icom Amateur I suspect it will work. It is working for other Icoms using 10 digit replies (e.g. 7200)
>
> Let me know what you find.
>
> Rick KN6KB
>
> From: paknight1951
> Sent: Thursday, September 22, 2011 3:43 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Further to: V4Chat v0.6.1.0 and Icom IC-736
>
>
>
>
> Hi Rick,
>
> Thanks for your quick response, as always.
>
> As previously reported to you, the system here works fine with other s/w such as HRD/DM/JT65 etc., so I'm certain

that all is OK with the setup. I have just copied out a section of the V4 Log where I uninstalled 0.6.0.1 and installed 0.6.1.0:
>
> 2011/09/21 12:37:30 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,40,3,73,29,7,14,0,FD]
> 2011/09/21 12:37:31 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,40,F1,3,FD]
> 2011/09/21 12:37:31 0.6.0.1 [RadioResponse] Icom reply:[FE,FE,F1,40,3,73,29,7,14,0,FD]
>
> 2011/09/21 12:39:00 *** Startup of V4Chat Ver 0.6.1.0 ***
>
> 2011/09/21 12:39:05 {Status}
> 2011/09/21 12:39:05 {Status} *** Startup of V4Chat Ver 0.6.1.0 ; Auto Update Enabled using HTTP port 8776
> 2011/09/21 12:39:05 {Status} *** V4 TNC TCP OK on port 8510
> 2011/09/21 12:39:17 {Info} *** Freq Changed: 10131.000 KHz Dial
> 2011/09/21 12:39:19 {Info} *** Freq Changed: 14073.000 KHz Dial
> 2011/09/21 12:39:30 {Info} *** Freq Changed: 14072.988 KHz Dial
> 2011/09/21 12:39:31 {Info} *** Freq Changed: 14073.304 KHz Dial
> 2011/09/21 12:39:32 {Info} *** Freq Changed: 14073.316 KHz Dial
> 2011/09/21 12:39:33 {Info} *** Freq Changed: 14072.455 KHz Dial
> 2011/09/21 12:39:34 {Info} *** Freq Changed: 14072.496 KHz Dial
> 2011/09/21 12:39:49 {Info} *** Freq Changed: 10131.000 KHz Dial
> 2011/09/21 12:39:50 {Info} *** Freq Changed: 14073.000 KHz Dial
> 2011/09/21 12:39:56 {Info} *** Freq Changed: 10131.000 KHz Dial
> 2011/09/21 12:39:58 {Info} *** Freq Changed: 14073.000 KHz Dial
> 2011/09/21 12:40:00 {Info} *** Freq Changed: 21073.000 KHz Dial
> 2011/09/21 12:40:01 {Info} *** Freq Changed: 14073.000 KHz Dial
> 2011/09/21 12:40:06 {Info} *** Freq Changed: 10131.000 KHz Dial
> 2011/09/21 12:40:07 {Info} *** Freq Changed: 14073.000 KHz Dial
> 2011/09/21 12:44:04 {Rcv Txt Err} 6Ci'□□XPW e□
> 2011/09/21 12:44:42 {Rcv Txt Err} 0:W?pP rl□Nw□□R@
> 2011/09/21 12:47:18 {Rcv Txt Err} Qt !P'=[S<J[5□Ud
> 2011/09/21 12:50:29 {Rcv Txt Err} -0~_4GmFC0SX'z;
> 2011/09/21 12:52:04 {Rcv Txt Err} □1□<Y%uR"1 U*□
> 2011/09/21 12:57:15 {Rcv Txt Err} ;=%□{qDK□{□□□KC(
> 2011/09/21 13:00:09 {Info} *** Freq Changed: 14073.141 KHz Dial
> 2011/09/21 13:00:18 {Info} *** Freq Changed: 10131.000 KHz Dial
> 2011/09/21 13:00:19 {Info} *** Freq Changed: 14073.000 KHz Dial
> 2011/09/21 13:02:44 {Rcv Txt Err} Id<5□gX+□n 5krj□
> 2011/09/21 13:04:41 {Rcv Txt Err} '^ □ W□%,O□T*!□□
> 2011/09/21 13:06:36 {Rcv Txt Err} _:fn□□2O5g □7□s□
> 2011/09/21 13:07:22 {Rcv Txt Err} hM!5c□□!□ UZ=NN
>
> I note that with 0.6.0.1 the version number is included in the log, which was helpful! But anyway, you can see the Icom replies in 6.0.1, and this seems to be replaced with Rcv Txt Err throught the whole of the 6.1.0 log. If you require the full Logs I will send them directly to you.
>
> In terms of setting the freq via the Mini-Log, I'm just being lazy and looking for a quick way of changing Band when hunting down the (elusive) V4Chat signals! (I could quite easily press the Band Change Switch on the Radio.....). All that I have done is place the favourite V4Chat freqs at the top of the MiniLog for quick access, and it would be nice to be able to return to the original freq on any one Band after having tuned around a bit.
>

> Thanks for all your hard work
>
> 73
>
> Peter G6EPN
>
>
>
>
> --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> >
> > Peter,
> >
> > Well the 735 gas been reported to work with Readback on 0.6.1.0 but that is a different radio. If the frequency sets correctly you have the correct address, baud rate etc. The only thing I can do is to add additional verbose logging to capture what (if anything) the 736 sends back in response to the command for request for frequency. If you can capture that some way It would help a lot.
> >
> > The set frequency only now operates on a CHANGE in the index (line) in the mini log. I can probably make it also work on just a click to the line even if no change. IÃ¢Â□Â□ll put that on the list.
> >
> > Rick KN6KB
> >
> > From: paknight1951
> > Sent: Wednesday, September 21, 2011 8:56 AM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] V4Chat v0.6.1.0 and Icom IC-736
> >
> >
> >
> > Rick,
> >
> > Icom IC-736 ("Early" Icom)
> > CIV Control Address Hex 40 9600Bd
> > USB to RS232 Converter COM4
> > RS232 CAT Controller powered via DTR
> > Separate PTT TX Line using RTS
> >
> > Feedback:
> >
> > Still no frequency read-back from IC-736.
> >
> > Another small point, which isn't a real problem: Click on entry in Mini-Log and Transceiver goes off to frequency correctly. Re-tune radio and click on the same entry again to revert back to frequency stored there and Transceiver doesn't tune. I have to click on another Log entry and then click back to original entry to get Transciever back to that stored entry.
> >
> > 73
> >

> > Peter G6EPN
> >
>

2083. Re: [V4Protocol] A minor Flex problem

Yahoo group: V4Protocol
Date: 2011-09-22 12:44:50 UTC
From: Ted Trostle
Topic: 2072 Message: 2083

Well I am thinking there some flaky things in PWSDR. What I forgot say was that after upgrading V4 I discovered that the Frequency Memory data in my Flex 3000 was wiped out. I do not fault V4. I think I can recover from an older Flex database.

Ted, WB2LOU

On Thu, Sep 22, 2011 at 8:35 AM, K6KAR <kirk.harding@...> wrote:

> **
>
>
> *Ted,*
>
> * *
>
> *Interesting. I not only see this problem on my 5000 but also on my 3000
> and 1500 as well. Just assumed the problem is an anomaly between V4 and
> PWSDR. I also use PWSDR vs 2.2.3.*
>
> * *
>
> *Kirk *
>
> * *
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Ted Trostle
> *Sent:* Thursday, September 22, 2011 7:18 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] A minor Flex problem****
>
> ** **
>
> ****
>
> I do not have that problem with the Flex 3000. Note: I am using the PWSDR
> software v2.2.3.
>
> Ted, WB2LOU****
>
> On Wed, Sep 21, 2011 at 4:55 PM, Rick Muething <rmuething@...>
> wrote:****
>
> ****
>

> Kirk,****
>
> Yes I noticed this too. It means having to go and make special code for
> Flex vs others. Not impossible just busy work. I would like to keep the
> customization of commands minimized....you can never please everyone and
> allowing setup options gets very messy. I'll put it on the list.****
>
>
> Rick KN6KB****
>
> ****
>
> ****
>
> *From:* mailto:kirk.harding@... <kirk.harding@...> ****
>
> *Sent:* Wednesday, September 21, 2011 4:52 PM****
>
> *To:* V4Protocol@yahoogroups.com ****
>
> *Subject:* [V4Protocol] A minor Flex problem****
>
> ****
>
> ****
>
> Rick,
>
> When using V4, I utilize the DIGU function built into Flex s/w. One thing
> I've noticed is as soon as you place the mouse cursor in the waterfall (as
> an example, to adjust frequency), DIGU will immediately cause the Flex (a
> Flex-5000), to change to the USB function. I've confirmed this with a couple
> of other Flex radio users who report the same anomolly. It's not a big
> problem but something you should be aware of.
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> Kirk, K6KAR
> Niceville, FL ****
>
>
>
>
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> incurable.****
>
> ** **
>
> ****
>

>
>

--
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incurable.

2084. V4 Ver 0.6.1.0

Yahoo group: V4Protocol
Date: 2011-09-22 12:46:14 UTC
From: Peter
Topic: 2084 Message: 2084

Rick,

For your info:

At the moment I am using a Yaesu FT2000 with a RigExpert interface.

I had a few scrappy contacts with earlier versions of V4 Chat but the 0.6 versions are working great with some really solid qsos in the log.

Automatic update worked fine but I notice that the filter no longer works.

CAT does not work with my FT2000 or an FT1000MP MK-V.

It is now a very usable program thanks to your hard work and dedication.

73 Peter G3JFS

2085. Re: [V4Protocol] V4 Ver 0.6.1.0

Yahoo group: V4Protocol
Date: 2011-09-22 14:06:20 UTC
From: Rick Muething
Topic: 2084 Message: 2085

Peter,
Thanks for the feedback. The filter works exactly as before it is just the waterfall is not displaying filtered data. That was necessary so you could see signals outside the filter so click-to-tune would work (its described in the help) The filter In/Out still works exactly as before and when In provides the same filtering to the decoding DSP code.

I hope to get to the Yaesu's in the next week or so.

Rick KN6KB

From: Peter
Sent: Thursday, September 22, 2011 8:46 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Ver 0.6.1.0

Rick,

For your info:

At the moment I am using a Yaesu FT2000 with a RigExpert interface.

I had a few scrappy contacts with earlier versions of V4 Chat but the 0.6 versions are working great with some really solid qsos in the log.

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It is now a very usable program thanks to your hard work and dedication.

73 Peter G3JFS

2086. Re: [V4Protocol] Re: V4Chat v0.6.1.0 and Icom IC-736

Yahoo group: V4Protocol
Date: 2011-09-22 14:15:55 UTC
From: Rick Muething
Topic: 2054 Message: 2086

Bernie,
There is a problem using third party “rig interfacing” programs. In ARQ mode it is ESSENTIAL you accurately control the PTT Application and release as those are critical timing parameters in an ARQ protocol. When you go through our rely on a third party program you no longer have any control over that some early tests with these kinds of programs and rig interface indicated a wide variance of timing. That might not be an issue when you are using the control to just set the frequency but when using PTT control (sent through the same serial port in some cases so it can’t be shared with other applications) variations of even 20 to 50 ms can be a serious problem. We have looked at this in the past with WINMOR and found the only reliable thing was to keep control of the serial interface.

It’s a shame some of the radio manufacturers have such sloppy control of format and documentation but that is what it is. I will get to the Yaesu’s in time trying to make sure I get the more popular models first.

Rick KN6KB

From: ham
Sent: Wednesday, September 21, 2011 11:19 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: V4Chat v0.6.1.0 and Icom IC-736

Rick:

Perhaps having V4 interface with Commander might be an easier approach? Supporting all these different radio types is a *big* undertaking (lots of time required to fix all these issues which already have been resolved).

73, Bernie

--- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Peter,
>
> Well the 735 gas been reported to work with Readback on 0.6.1.0 but that is a different radio. If the frequency sets correctly you have the correct address, baud rate etc. The only thing I can do is to add additional verbose logging to capture what (if anything) the 736 sends back in response to the command for request for frequency. If you can capture that some way It would help a lot.
>
> The set frequency only now operates on a CHANGE in the index (line) in the mini log. I can probably make it also work on just a click to the line even if no change. Iâ□□ll put that on the list.
>
> Rick KN6KB
>
> From: paknight1951
> Sent: Wednesday, September 21, 2011 8:56 AM

> To: mailto:V4Protocol%40yahoogroups.com
> Subject: [V4Protocol] V4Chat v0.6.1.0 and Icom IC-736
>
>
>
> Rick,
>
> Icom IC-736 ("Early" Icom)
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>
> Feedback:
>
> Still no frequency read-back from IC-736.
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> Another small point, which isn't a real problem: Click on entry in Mini-Log and Transceiver goes off to frequency correctly. Re-tune radio and click on the same entry again to revert back to frequency stored there and Transceiver doesn't tune. I have to click on another Log entry and then click back to original entry to get Transciever back to that stored entry.
>
> 73
>
> Peter G6EPN
>

2087. RE: [V4Protocol] V4 Ver 0.6.1.0

Yahoo group: V4Protocol
Date: 2011-09-22 15:07:41 UTC
From: Dr Fred Hambrecht
Topic: 2084 Message: 2087

Rick,

Well done to all involved in the Webinar last night. A lot of good info and well presented by all.

73

Fred W4JLE/NNN0AAG

2088. Re: [V4Protocol] V4 Ver 0.6.1.0

Yahoo group: V4Protocol
Date: 2011-09-22 15:37:29 UTC
From: Rick Muething
Topic: 2084 Message: 2088

Thanks Fred. That was my first time using that Webinar format and I thought they did a good job setting it up and moderating. I noticed we kept most of the attendees (up to about 405 or so at time) for most of the full hour and a half.

Rick KN6KB

From: Dr Fred Hambrecht
Sent: Thursday, September 22, 2011 11:07 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 Ver 0.6.1.0

Rick,

Well done to all involved in the Webinar last night. A lot of good info and well presented by all.

73

Fred W4JLE/NNN0AAG

2089. Re: HRD Log Book/LOTW and V4

Yahoo group: V4Protocol
Date: 2011-09-22 15:51:41 UTC
From: kc2nyu
Topic: 2069 Message: 2089

Thanks to N0LWF Lyle, problem solved. In HRD Logbook, go to Tools, Configure and then Modes and you can easily add, V4 mode.

73 Paul KC2NYU

--- In V4Protocol@yahoogroups.com, "ham" <ve3fwf@...> wrote:
>
> See my earlier posting number 1673 for a possible work around
>
>
> --- In V4Protocol@yahoogroups.com, "g4ilo" <julian.g4ilo@> wrote:
> >
> > eQSL won't accept V4 as a mode either. I've asked (twice) in their forum but didn't get a response. I guess the problem is it is not part of the ADIF specification. But the ROS mode got added very quickly.
> >
> > I don't have a problem logging V4 locally because I wrote my own logging program. :)
> >
> > Julian, G4ILO
> >
> > --- In V4Protocol@yahoogroups.com, "kc2nyu" <eckerpw@> wrote:
> > >
> > > I am guessing there are a few V4 users who also use HRD Logbook. I use it to log my QSO's and then to upload to LoTW and to eQSL. The problem is when you open the Add to My Log Book window and try to enter a "Mode", there is no way I know of to type in a new mode. V4 is not one of the pre-loaded Mode types. So how are you guys (if any HRD types) entering you V4 QSO's ??
> > >
> > > 73 Paul
> > > KC2NYU
> > >
> >
>

2090. Re: HRD Log Book/LOTW and V4

Yahoo group: V4Protocol
Date: 2011-09-22 16:58:47 UTC
From: ham
Topic: 2069 Message: 2090

What ADIF mode did you map V4? MFSK8 appears to be closest until we get a formal ADIF mode name assinged for V4.

73,
Brenie

--- In V4Protocol@yahoogroups.com, "kc2nyu" <eckerpw@...> wrote:
>
>
>
> Thanks to N0LWF Lyle, problem solved. In HRD Logbook, go to Tools, Configure and then Modes and you can easily add, V4 mode.
>
> 73 Paul KC2NYU
>
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> >
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> > >
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> > > >
> > > > 73 Paul
> > > > KC2NYU
> > > >
> > >
> >
>

2091. Re: V4Chat v0.6.1.0 and Icom IC-736

Yahoo group: V4Protocol
Date: 2011-09-22 17:05:36 UTC
From: ham
Topic: 2054 Message: 2091

Excellent points Rick.

Thanks
Bernie

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Bernie,
> There is a problem using third party â□□rig interfacingâ□□ programs. In ARQ mode it is ESSENTIAL you accurately control the PTT Application and release as those are critical timing parameters in an ARQ protocol. When you go through our rely on a third party program you no longer have any control over that some early tests with these kinds of programs and rig interface indicated a wide variance of timing. That might not be an issue when you are using the control to just set the frequency but when using PTT control (sent through the same serial port in some cases so it canâ□□t be shared with other applications) variations of even 20 to 50 ms can be a serious problem. We have looked at this in the past with WINMOR and found the only reliable thing was to keep control of the serial interface.
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> Itâ□□s a shame some of the radio manufacturers have such sloppy control of format and documentation but that is what it is. I will get to the Yaesuâ□□s in time trying to make sure I get the more popular models first.
>
> Rick KN6KB
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> Sent: Wednesday, September 21, 2011 11:19 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: V4Chat v0.6.1.0 and Icom IC-736
>
>
>
>
> Rick:
>
> Perhaps having V4 interface with Commander might be an easier approach? Supporting all these different radio types is a *big* undertaking (lots of time required to fix all these issues which already have been resolved).
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> > Peter,
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> > Sent: Wednesday, September 21, 2011 8:56 AM
> > To: mailto:V4Protocol%40yahoogroups.com
> > Subject: [V4Protocol] V4Chat v0.6.1.0 and Icom IC-736
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> > Rick,
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> > Icom IC-736 ("Early" Icom)
> > CIV Control Address Hex 40 9600Bd
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> >
> > 73
> >
> > Peter G6EPN
> >
>

2092. Operating frequencies

Yahoo group: V4Protocol
Date: 2011-09-22 18:10:19 UTC
From: John Hirth
Topic: 1731 Message: 2092

The nominal JT65 dial frequency has traditionally been 14.076, although they have been creeping down a bit lately.

There is no reason we can't operate V4Chat at 500 hz increments upward from 14.073. That would at least give us a few more "channels" to spread out to. I've already heard a few stations just above 14.073 when that frequency is busy.

Also, V4Chat has some similarities (at least in its intent) to the old Amtor ARQ and FEC. Is there any reason we couldn't TRY the "rtty segment" from 14.078-14.088 dial (about 14.080-090 rtty actual)? Yes, there is rtty there from time to time, but from what I hear in the northeast USA it's not overwhelming, and we should be able to co-exist. I've been a dedicated rtty operator in years past, and I think this might work.

With this said, there is a lot to be said for a well published frequency or two. I often leave V4Chat listening on 14.073 while I'm doing other work nearby, and jump to the rig when I hear someone call.

Just some food for thought....

John W2KI

On 9/2/2011 1:12 PM, wb0kgn@... wrote:

Those using a number of digital modes snuggle up close to the 14.070 psk31 frequency. Part of that strategy is hoping that they can pull psk31 stations to their preferred mode. For a new mode like V4chat with its yahoo chat group this strategy is not necessary. I would suggest moving above the WSJT favored frequency of 14.073 to about 14.075. When there is rare dx and during contests, the rtty region of the band is quite busy. But most of the time it is not.

Dave wb0kgn

2093. Re: Operating frequencies

Yahoo group: V4Protocol
Date: 2011-09-22 18:39:59 UTC
From: John Hirth
Topic: 1731 Message: 2093

Sorry, all. I didn't realize I was responding to an "old" message with some suggestions for spreading out. For some reason I just got a bunch of older messages in my inbox.

All this has been well covered, I now see. See you all on the bands.

73 , John W2KI

2094. Re: [V4Protocol] Operating frequencies

Yahoo group: V4Protocol
Date: 2011-09-22 18:44:17 UTC
From: wb0kgn@q.com
Topic: 1731 Message: 2094

Good to hear from a "dedicated rtty operator" thank you John. Unless there is a contest or a dx station about, the rtty frequencies are not too busy. We can't all snuggle up to 14.070

Dave wb0kgn

----- Original Message -----
From: "John Hirth" <w2ki@...>
To: V4Protocol@yahoogroups.com
Sent: Thursday, September 22, 2011 1:10:19 PM
Subject: [V4Protocol] Operating frequencies

The nominal JT65 dial frequency has traditionally been 14.076, although they have been creeping down a bit lately.

There is no reason we can't operate V4Chat at 500 hz increments upward from 14.073. That would at least give us a few more "channels" to spread out to. I've already heard a few stations just above 14.073 when that frequency is busy.

Also, V4Chat has some similarities (at least in its intent) to the old Amtor ARQ and FEC. Is there any reason we couldn't TRY the "rtty segment" from 14.078-14.088 dial (about 14.080-090 rtty actual)? Yes, there is rtty there from time to time, but from what I hear in the northeast USA it's not overwhelming, and we should be able to co-exist. I've been a dedicated rtty operator in years past, and I think this might work.

With this said, there is a lot to be said for a well published frequency or two. I often leave V4Chat listening on 14.073 while I'm doing other work nearby, and jump to the rig when I hear someone call.

Just some food for thought....

John W2KI

On 9/2/2011 1:12 PM, wb0kgn@... wrote:

Those using a number of digital modes snuggle up close to the 14.070 psk31 frequency. Part of that strategy is hoping that they can pull psk31 stations to their preferred mode. For a new mode like V4chat with its yahoo chat group this strategy is not necessary. I would suggest moving above the WSJT favored frequency of 14.073 to about 14.075. When there is rare dx and during contests, the rtty region of the band is quite busy. But most of the time it is not.

Dave wb0kgn

2095. Re: [V4Protocol] Contact

Yahoo group: V4Protocol
Date: 2011-09-22 19:58:06 UTC
From: Ricky Faulkenberry
Topic: 2037 Message: 2095

Ok, tnx fer the info Dave: I have installed the newer version 6.1 and working fine, except the rigistration number does not seem to want to work: keep getting the nag screen to register. OH well, will try you again sometime: do you know what freq are in use for this mode on other than 20M? de KF5IAD. Ricky

On Tue, Sep 20, 2011 at 6:22 PM, David <k6ddw@...> wrote:

> **
>
>
> KF5IAD - I copied you perfectly, both on ARQ and FEC modes. My Xmit is
> down, so could not get back to you.
>
> Dave K6DDW
>
>
>

--
Ricky Faulkenberry

2096. Re: [V4Protocol] Contact

Yahoo group: V4Protocol
Date: 2011-09-22 20:34:04 UTC
From: Ian Wade G3NRW
Topic: 2037 Message: 2096

___Original Message_____________________________________
From: Ricky Faulkenberry <adahgrasscutting@...>
Date: Thu, 22 Sep 2011 Time: 14:58:06

>do you know what freq are in use for this mode on other than 20M?
>de KF5IAD. Ricky
>

Ricky

On 30m the two frequencies used for V4 are 10.131 dial and 10.136 dial.

Take a look at the 30m Band Utilization Chart for the full picture:

http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
--
73
Ian, G3NRW

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

2097. Re: [V4Protocol] Contact

Yahoo group: V4Protocol
Date: 2011-09-22 20:39:05 UTC
From: Ricky Faulkenberry
Topic: 2037 Message: 2097

Hey, tnx fer such a quick response: 10.131 and 136 great. Be looking for
you.

On Thu, Sep 22, 2011 at 3:34 PM, Ian Wade G3NRW <g3nrw-radio@ntlworld.com>wrote:

> **
>
>
> ___Original Message_____________________________________
> From: Ricky Faulkenberry <adahgrasscutting@...>
> Date: Thu, 22 Sep 2011 Time: 14:58:06
>
>
> >do you know what freq are in use for this mode on other than 20M?
> >de KF5IAD. Ricky
> >
>
> Ricky
>
> On 30m the two frequencies used for V4 are 10.131 dial and 10.136 dial.
>
> Take a look at the 30m Band Utilization Chart for the full picture:
>
> http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
> --
> 73
> Ian, G3NRW
>
> The 30m Band Utilization Chart:
> http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
>
>
>

--
Ricky Faulkenberry

2098. AW: [V4Protocol] Re: V4Chat v0.6.1.0 and Icom IC-736

Yahoo group: V4Protocol
Date: 2011-09-22 20:36:22 UTC
From: Siegfried Jackstien
Topic: 2054 Message: 2098

Hello rick
Icom 765 works fine with v4 ... changing qrg and readout in waterfall is working without problems (after I found out how to get it working)
Greetz
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Donnerstag, 22. September 2011 14:16
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] Re: V4Chat v0.6.1.0 and Icom IC-736
>
>
>
> Bernie,
> There is a problem using third party □rig interfacing□ programs. In ARQ
> mode it is ESSENTIAL you accurately control the PTT Application and
> release as those are critical timing parameters in an ARQ protocol. When
> you go through our rely on a third party program you no longer have any
> control over that some early tests with these kinds of programs and rig
> interface indicated a wide variance of timing. That might not be an issue
> when you are using the control to just set the frequency but when using
> PTT control (sent through the same serial port in some cases so it can□t
> be shared with other applications) variations of even 20 to 50 ms can be a
> serious problem. We have looked at this in the past with WINMOR and found
> the only reliable thing was to keep control of the serial interface.
>
> It□s a shame some of the radio manufacturers have such sloppy control of
> format and documentation but that is what it is. I will get to the
> Yaesu□s in time trying to make sure I get the more popular models first.
>
> Rick KN6KB
>
> From: ham <mailto:ve3fwf@...>
> Sent: Wednesday, September 21, 2011 11:19 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: V4Chat v0.6.1.0 and Icom IC-736
>
>
>
>
>
>

> Rick:
>
> Perhaps having V4 interface with Commander might be an easier approach?
> Supporting all these different radio types is a *big* undertaking (lots of
> time required to fix all these issues which already have been resolved).
>
> 73, Bernie
>
> --- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething"
> <rmuething@...> wrote:
> >
> > Peter,
> >
> > Well the 735 gas been reported to work with Readback on 0.6.1.0 but that
> is a different radio. If the frequency sets correctly you have the correct
> address, baud rate etc. The only thing I can do is to add additional
> verbose logging to capture what (if anything) the 736 sends back in
> response to the command for request for frequency. If you can capture that
> some way It would help a lot.
> >
> > The set frequency only now operates on a CHANGE in the index (line) in
> the mini log. I can probably make it also work on just a click to the line
> even if no change. Iâ☐☐ll put that on the list.
> >
> > Rick KN6KB
> >
> > From: paknight1951
> > Sent: Wednesday, September 21, 2011 8:56 AM
> > To: mailto:V4Protocol%40yahoogroups.com
> > Subject: [V4Protocol] V4Chat v0.6.1.0 and Icom IC-736
> >
> >
> >
> > Rick,
> >
> > Icom IC-736 ("Early" Icom)
> > CIV Control Address Hex 40 9600Bd
> > USB to RS232 Converter COM4
> > RS232 CAT Controller powered via DTR
> > Separate PTT TX Line using RTS
> >
> > Feedback:
> >
> > Still no frequency read-back from IC-736.
> >
> > Another small point, which isn't a real problem: Click on entry in Mini-
> Log and Transceiver goes off to frequency correctly. Re-tune radio and
> click on the same entry again to revert back to frequency stored there and
> Transceiver doesn't tune. I have to click on another Log entry and then

> click back to original entry to get Transciever back to that stored entry.
> >
> > 73
> >
> > Peter G6EPN
> >
>
>
>
>

2099. Re: V4 Ver 0.6.1.0

Yahoo group: V4Protocol
Date: 2011-09-22 22:06:31 UTC
From: Peter
Topic: 2084 Message: 2099

Rick,

thanks for the info re the filter.

I assumed that the CAT wasn't working because the FT2000 CAT light does not came on. The click-to-tune does in fact work except that it resets the rig to SSB USB which is a slight a nuisance as I use USB PKT for all data modes. Not important as I am sure you have more pressing problems to sort out. My FT1000MP MK-V is not set up at the moment but I can do it easily if you need a report when you tackle the Yaesu CAT.

I've also have the following message in the auto update logs:

'Could not find a valid license for using IP*Works! V8 on this system. To obtain a trial license, please visit www.nsoftware.com or email support@nsoftware.com [code: G nodeid: DABVT65R]'

I looked at their website but did not find anything meaningful (to me). If this license is needed for the auto update was I just lucky that the last auto update worked?

Regards

Peter G3JFS

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Peter,
> Thanks for the feedback. The filter works exactly as before it is just the waterfall is not displaying filtered data. That was necessary so you could see signals outside the filter so click-to-tune would work (its described in the help) The filter In/Out still works exactly as before and when In provides the same filtering to the decoding DSP code.
>
> I hope to get to the Yaesuâ□□s in the next week or so.
>
> Rick KN6KB

2100. AW: [V4Protocol] Contact

Yahoo group: V4Protocol
Date: 2011-09-22 20:46:43 UTC
From: Siegfried Jackstien
Topic: 2037 Message: 2100

As far as i know the nag screen is working nowhere ... just click on remind me later and use the soft
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Ricky Faulkenberry
> Gesendet: Donnerstag, 22. September 2011 19:58
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] Contact
>
>
>
> Ok, tnx fer the info Dave: I have installed the newer version 6.1 and
> working fine, except the rigistration number does not seem to want to
> work: keep getting the nag screen to register. OH well, will try you again
> sometime: do you know what freq are in use for this mode on other than
> 20M? de KF5IAD. Ricky
>
>
> On Tue, Sep 20, 2011 at 6:22 PM, David <k6ddw@...> wrote:
>
>
>
>
>
> KF5IAD - I copied you perfectly, both on ARQ and FEC modes. My Xmit
> is down, so could not get back to you.
>
> Dave K6DDW
>
>
>
>
>
>
>
> --
> Ricky Faulkenberry
>
>
>

2101. Re: AW: [V4Protocol] Contact

Yahoo group: V4Protocol
Date: 2011-09-22 23:48:33 UTC
From: Rick Muething
Topic: 2037 Message: 2101

As a thank you to beta testers V4Chat will auto register automatically and backup your V4 TNC ini file (which contains the registration key) in a read only backup file. Auto registration will occur after you have made a minimum number of V4 ARQ sessions. After beta testing auto registration will be removed. At this time there is no where you can “get” a registration key Registration keys are call sign specific.

Rick KN6KB

From: Siegfried Jackstien
Sent: Thursday, September 22, 2011 4:46 PM
To: V4Protocol@yahoogroups.com
Subject: AW: [V4Protocol] Contact

As far as i know the nag screen is working nowhere ... just click on remind
me later and use the soft
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: mailto:V4Protocol%40yahoogroups.com [mailto:mailto:V4Protocol%40yahoogroups.com] Im
> Auftrag von Ricky Faulkenberry
> Gesendet: Donnerstag, 22. September 2011 19:58
> An: mailto:V4Protocol%40yahoogroups.com
> Betreff: Re: [V4Protocol] Contact
>
>
>
> Ok, tnx fer the info Dave: I have installed the newer version 6.1 and
> working fine, except the rigistration number does not seem to want to
> work: keep getting the nag screen to register. OH well, will try you again
> sometime: do you know what freq are in use for this mode on other than
> 20M? de KF5IAD. Ricky
>
>
> On Tue, Sep 20, 2011 at 6:22 PM, David <mailto:k6ddw%40arrl.net> wrote:
>
>
>
>
>
> KF5IAD - I copied you perfectly, both on ARQ and FEC modes. My Xmit
> is down, so could not get back to you.
>
> Dave K6DDW
>
>

>
>
>
>
> --
> Ricky Faulkenberry
>
>
>

2102. Newbie

Yahoo group: V4Protocol
Date: 2011-09-23 09:08:33 UTC
From: Peter Zingsheim
Topic: 229 Message: 2102

Hello,

tnx for letting me in. Mni tnx to Rick and the folks here for all the development and the testing.

My introduction:

V4 0.6.1.0 installed, configured and working as far as I can tell.
Vintage Kenwood TS-930S (CAT enabled with Piexx cpu board, T>R modified, arq performance validated with P3). Measured T>R latency with V4 is 150ms max (most likely sound card limited).

RX ok, but no V4 sigs heard so far.
I listen erratically on 10133, 10136, 14073.
Looking fwd to 1st qso in V4 mode.

Whi I am here:
Hope for real keyboard to keyboard DX QSOs (no mailboxes, no macros), with the benefits of an affordable and narrow arq mode.

73, Peter

2103. Re: Newbie

Yahoo group: V4Protocol
Date: 2011-09-23 09:39:31 UTC
From: Peter Zingsheim
Topic: 229 Message: 2103

oh6xi de oe6zh tnx again for 1st ever V4 arq qso. Excellent proof all systems working! Cheers Ulf, cheers all aoround, 73, Peter

--- In V4Protocol@yahoogroups.com, "Peter Zingsheim" <oe6zh@...> wrote:
>
> Hello,
>
> tnx for letting me in. Mni tnx to Rick and the folks here for all the development and the testing.
>
> My introduction:
>
> V4 0.6.1.0 installed, configured and working as far as I can tell.
> Vintage Kenwood TS-930S (CAT enabled with Piexx cpu board, T>R modified, arq performance validated with P3). Measured T>R latency with V4 is 150ms max (most likely sound card limited).
>
> RX ok, but no V4 sigs heard so far.
> I listen erratically on 10133, 10136, 14073.
> Looking fwd to 1st qso in V4 mode.
>
> Whi I am here:
> Hope for real keyboard to keyboard DX QSOs (no mailboxes, no macros), with the benefits of an affordable and narrow arq mode.
>
> 73, Peter
>

2104. Re: [V4Protocol] Newbie

Yahoo group: V4Protocol
Date: 2011-09-23 10:23:54 UTC
From: Ian Wade G3NRW
Topic: 229 Message: 2104

___Original Message_____________________________________
From: Peter Zingsheim <oe6zh@...>
Date: Fri, 23 Sep 2011 Time: 09:08:33

>RX ok, but no V4 sigs heard so far.
>I listen erratically on 10133, 10136, 14073.

Hi Peter

The two frequencies on 30m where you should find V4 are 10131 (most
likely) and 10136 (less likely).

But not 10133.

For the whole picture of 30m, go to:

http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

Heute nachmittag (Freitag) bin ich QRV auf 14073 oder 10131. Ich freue
mich auf unser erstes QSO!

Informationen auf http://hamspots.net/arq/

--
73
Ian, G3NRW

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

2105. Installation question

Yahoo group: V4Protocol
Date: 2011-09-23 10:34:13 UTC
From: Peter Zingsheim
Topic: 2105 Message: 2105

Hello,

when I installed v4chat, I wrongly assumed it would create its own subdirectory within the target directory, such as C:/Program files/v4chat/.... Well, it didn´t. Thus, I´m landed with all installed V4 files right in my C:/Program files/

I would like to shift them to a neat new folder.

Do I have to uninstall and re-install (what about the settings?), or may I just shift the files?

tnx, 73, Peter

2106. Re: Newbie

Yahoo group: V4Protocol
Date: 2011-09-23 10:43:00 UTC
From: Peter Zingsheim
Topic: 229 Message: 2106

tnx Ian,

for correction and info. My typo, sri.

As from this afternoon, we may be out for the weekend, to enjoy splendid late summer, as long as it lasts.

I´ll be back. Same place. Will let you know.

tnx agn and 73, Peter

--- In V4Protocol@yahoogroups.com, Ian Wade G3NRW <g3nrw-radio@...> wrote:
>
> ___Original Message_____
> From: Peter Zingsheim <oe6zh@...>
> Date: Fri, 23 Sep 2011 Time: 09:08:33
>
> >RX ok, but no V4 sigs heard so far.
> >I listen erratically on 10133, 10136, 14073.
>
> Hi Peter
>
> The two frequencies on 30m where you should find V4 are 10131 (most
> likely) and 10136 (less likely).
>
> But not 10133.
>
> For the whole picture of 30m, go to:
>
> http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
>
> Heute nachmittag (Freitag) bin ich QRV auf 14073 oder 10131. Ich freue
> mich auf unser erstes QSO!
>
> Informationen auf http://hamspots.net/arq/
>
> --
> 73
> Ian, G3NRW
>
> The 30m Band Utilization Chart:
> http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
>

2107. Calling CQ

Yahoo group: V4Protocol
Date: 2011-09-23 16:08:14 UTC
From: Ian Wade G3NRW
Topic: 2107 Message: 2107

Follow me on http://hamspots.net/arq/

--
73
Ian, G3NRW

2108. Receive cq V4 -14073

Yahoo group: V4Protocol
Date: 2011-09-23 16:39:02 UTC
From: Henri
Topic: 2108 Message: 2108

```
*** CONNECT REQUEST G3NRW de LA7UM @ 2011/09/23 16:24:30
*** CONNECT REQUEST G3NRW de LA7UM @ 2011/09/23 16:24:35
*** CONNECT REQUEST G3NRW de LA7UM @ 2011/09/23 16:24:40
*** CONNECT REQUEST G3NRW de LA7UM @ 2011/09/23 16:24:46
*** CONNECT REQUEST G3NRW de LA7UM @ 2011/09/23 16:24:51
*** CONNECT REQUEST G3NRW de LA7UM @ 2011/09/23 16:24:56
```

2109. Video Live

Yahoo group: V4Protocol
Date: 2011-09-23 16:41:10 UTC
From: Henri
Topic: 2109 Message: 2109

See video in live V4 Capture to :
http://f6baz.dyndns.org:4243

2110. Re: [V4Protocol] Video Live

Yahoo group: V4Protocol
Date: 2011-09-23 17:29:05 UTC
From: Ian Wade G3NRW
Topic: 2109 Message: 2110

___Original Message_____________________________________
From: Henri <f6baz@...>
Date: Fri, 23 Sep 2011 Time: 16:41:10

>See video in live V4 Capture to :
>http://f6baz.dyndns.org:4243
>

Hi Henri. It really works! I saw part of my CQ call on your screen just
now on 14072.97. Excellent.

--
73
Ian, G3NRW

2111. Need evaluators for next update! (0.6.2.0)

Yahoo group: V4Protocol
Date: 2011-09-23 17:29:35 UTC
From: Rick Muething
Topic: 2111 Message: 2111

All I am working on the last major fixes/enhancements for the next rev. I need a couple of evaluators (not many) for two important areas that I can't very well test here myself:
1) I need some that have had problems with Autoupdate. Two problems have been reported and I have made changes and added logging to fix and track these down. a) License problem with IPWorks and b) Problems believed to be related to firewall or router blocking. If you fall into one of these categories and can spare a few minutes please let me know.

2) Those with some of the more popular Yaesu models. I am still working on the Yaesu control and read back and I will probably have to make several iterations. Let me know which model(s) you have and I will get the manual (we subscribe to a download source) and try and put in the appropriate driver. If you can already set the frequency in V4 (via the mini log or waterfall click) that is a good start since half the code is there and working already.

I will send you the new evaluation code (full install) and/or post it on the Yahoo FTP. At this stage I do not want to post any untested code into the auto update server. All the changes in process are compatible with the current 0.6.1.0 rev.

73,
Rick KN6KB

2112. Re: Installation question

Yahoo group: V4Protocol
Date: 2011-09-23 17:51:56 UTC
From: la7um
Topic: 2105 Message: 2112

Peter. I have it like your suggestion, even in HAM_SW in between under Program files in XP. Don't think that works any more in Vista or WIN7.
Hence change. 73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "Peter Zingsheim" <oe6zh@...> wrote:
>
> Hello,
>
> when I installed v4chat, I wrongly assumed it would create its own subdirectory within the target directory, such as C:/Program files/v4chat/.... Well, it didn´t. Thus, I´m landed with all installed V4 files right in my C:/Program files/
>
> I would like to shift them to a neat new folder.
>
> Do I have to uninstall and re-install (what about the settings?), or may I just shift the files?
>
> tnx, 73, Peter
>

2113. Re: Receive cq V4 -14073

Yahoo group: V4Protocol
Date: 2011-09-23 17:58:21 UTC
From: la7um
Topic: 2108 Message: 2113

Thanks Henri. Good to know. (8W into a G5RV, hi) On 14073. 73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "Henri" <f6baz@...> wrote:
>
> *** CONNECT REQUEST G3NRW de LA7UM @ 2011/09/23 16:24:30
> *** CONNECT REQUEST G3NRW de LA7UM @ 2011/09/23 16:24:35
> *** CONNECT REQUEST G3NRW de LA7UM @ 2011/09/23 16:24:40
> *** CONNECT REQUEST G3NRW de LA7UM @ 2011/09/23 16:24:46
> *** CONNECT REQUEST G3NRW de LA7UM @ 2011/09/23 16:24:51
> *** CONNECT REQUEST G3NRW de LA7UM @ 2011/09/23 16:24:56
>

2114. Re: [V4Protocol] Re: Installation question

Yahoo group: V4Protocol
Date: 2011-09-23 17:59:43 UTC
From: Ron Wenig
Topic: 2105 Message: 2114

Peter,

I have V4 Chat installed in both XP and Win 7. The default in both operating systems is it creates a directory called VRChat. I'm not sure how yours was installed in Program Files. I think you can copy the files in another folder without disturbing the operation of the program. In Win 7 I checked Run this program as an administrator.

73, Ron ny3j

On 09/23/2011 01:51 PM, la7um wrote:
>
> Peter. I have it like your suggestion, even in HAM_SW in between under
> Program files in XP. Don't think that works any more in Vista or WIN7.
> Hence change. 73 de la7um Finn
>
> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>, "Peter Zingsheim" <oe6zh@...>
> wrote:
> >
> > Hello,
> >
> > when I installed v4chat, I wrongly assumed it would create its own
> subdirectory within the target directory, such as C:/Program
> files/v4chat/.... Well, it didn?t. Thus, I?m landed with all installed
> V4 files right in my C:/Program files/
> >
> > I would like to shift them to a neat new folder.
> >
> > Do I have to uninstall and re-install (what about the settings?), or
> may I just shift the files?
> >
> > tnx, 73, Peter
> >
>
>

2115. Re: [V4Protocol] Need evaluators for next update! (0.6.2.0)

Yahoo group: V4Protocol
Date: 2011-09-23 18:02:26 UTC
From: Fred G -w1wyc
Topic: 2111 Message: 2115

Hi Rick,

I use the FT-920 and I CAN click on the waterfall and change the receiver frequency. I'm not at the rig right now
but I believe that if I click on one of the green waterfall lines it changes the receiver frequency and the frequency under
the waterfall by 200 hz. Appears to work fine. I can't change the frequency under the waterfall by tuning the receiver.
Clicking on the mini log works also and has worked since the first version of V4 I had.

Hope this helps,
Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Friday, September 23, 2011 1:29 PM
Subject: [V4Protocol] Need evaluators for next update! (0.6.2.0)

All I am working on the last major fixes/enhancements for the next rev. I need a couple of evaluators (not many) for two important areas that I can’t very well test here myself:
1) I need some that have had problems with Autoupdate. Two problems have been reported and I have made changes and added logging to fix and track these down. a) License problem with IPWorks and b) Problems believed to be related to firewall or router blocking. If you fall into one of these categories and can spare a few minutes please let me know.

2) Those with some of the more popular Yaesu models. I am still working on the Yaesu control and read back and I will probably have to make several iterations. Let me know which model(s) you have and I will get the manual (we subscribe to a download source) and try and put in the appropriate driver. If you can already set the frequency in V4 (via the mini log or waterfall click) that is a good start since half the code is there and working already.

I will send you the new evaluation code (full install) and/or post it on the Yahoo FTP. At this stage I do not want to post any untested code into the auto update server. All the changes in process are compatible with the current 0.6.1.0 rev.

73,
Rick KN6KB

2116. Re: [V4Protocol] Need evaluators for next update! (0.6.2.0)

Yahoo group: V4Protocol
Date: 2011-09-23 19:14:27 UTC
From: Rick Muething
Topic: 2111 Message: 2116

Thanks Fred,

Good that means your set function for the 920 is working and I'll put in the code for the read back (so the waterfall updates when you rotate the transceiver dial) for the 920. That code will probably work for some of the other models as well (but not all!)

Rick

From: Fred G -w1wyc
Sent: Friday, September 23, 2011 2:02 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Need evaluators for next update! (0.6.2.0)

□

Hi Rick,

I use the FT-920 and I CAN click on the waterfall and change the receiver frequency. I'm not at the rig right now
but I believe that if I click on one of the green waterfall lines it changes the receiver frequency and the frequency under
the waterfall by 200 hz. Appears to work fine. I can't change the frequency under the waterfall by tuning the receiver.
Clicking on the mini log works also and has worked since the first version of V4 I had.

Hope this helps,
Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Friday, September 23, 2011 1:29 PM
Subject: [V4Protocol] Need evaluators for next update! (0.6.2.0)

All I am working on the last major fixes/enhancements for the next rev. I need a couple of evaluators (not many) for two important areas that I can't very well test here myself:
1) I need some that have had problems with Autoupdate. Two problems have been reported and I have made changes and added logging to fix and track these down. a) License problem with IPWorks and b) Problems believed to be related to firewall or router blocking. If you fall into one of these categories and can spare a few minutes please let me know.

2) Those with some of the more popular Yaesu models. I am still working on the Yaesu control and read back and I will probably have to make several iterations. Let me know which model(s) you have and I will get the manual (we subscribe to a download source) and try and put in the appropriate driver. If you can already set the frequency in V4 (via the mini log or waterfall click) that is a good start since half the code is there and working already.

I will send you the new evaluation code (full install) and/or post it on the Yahoo FTP. At this stage I do not want to post any untested code into the auto update server. All the changes in process are compatible with the current 0.6.1.0 rev.

73,
Rick KN6KB

2117. Re: [V4Protocol] Need evaluators for next update! (0.6.2.0)

Yahoo group: V4Protocol
Date: 2011-09-23 18:01:31 UTC
From: Ron Wenig
Topic: 2111 Message: 2117

Rick,

I can test the autoupdate for you.

Ron ny3j

On 09/23/2011 01:29 PM, Rick Muething wrote:
>
> All I am working on the last major fixes/enhancements for the next
> rev. I need a couple of evaluators (not many) for two important areas
> that I can't very well test here myself:
> 1) I need some that have had problems with Autoupdate. Two problems
> have been reported and I have made changes and added logging to fix
> and track these down. a) License problem with IPWorks and b) Problems
> believed to be related to firewall or router blocking. If you fall
> into one of these categories and can spare a few minutes please let me
> know.
> 2) Those with some of the more popular Yaesu models. I am still
> working on the Yaesu control and read back and I will probably have
> to make several iterations. Let me know which model(s) you have and I
> will get the manual (we subscribe to a download source) and try and
> put in the appropriate driver. If you can already set the frequency in
> V4 (via the mini log or waterfall click) that is a good start since
> half the code is there and working already.
> I will send you the new evaluation code (full install) and/or post it
> on the Yahoo FTP. At this stage I do not want to post any untested
> code into the auto update server. All the changes in process are
> compatible with the current 0.6.1.0 rev.
> 73,
> Rick KN6KB
>

2118. RE: [V4Protocol] Need evaluators for next update! (0.6.2.0)

Yahoo group: V4Protocol
Date: 2011-09-23 19:42:28 UTC
From: G4AIU
Topic: 2111 Message: 2118

Rick,

As mentioned in a recent post I have two Yaesu rigs – FT-847 and FT857D. Both rigs follow the click-to-tune frequency from the waterfall.

I would be happy to test the rig-to-computer software.

73 de Eugene / G4AIU

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: 23 September 2011 20:14
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Need evaluators for next update! (0.6.2.0)

From: Fred G -w1wyc <mailto:f_garside@verizon.net>

Sent: Friday, September 23, 2011 2:02 PM

To: V4Protocol@yahoogroups.com

Subject: Re: [V4Protocol] Need evaluators for next update! (0.6.2.0)

☐

Hi Rick,

I use the FT-920 and I CAN click on the waterfall and change the receiver frequency. I'm not at the rig right now

but I believe that if I click on one of the green waterfall lines it changes the receiver frequency and the frequency under

the waterfall by 200 hz. Appears to work fine. I can't change the frequency under the waterfall by tuning the receiver.

Clicking on the mini log works also and has worked since the first version of V4 I had.

Hope this helps,

Fred, W1WYC

----- Original Message -----

From: Rick Muething <mailto:rmuething@cfl.rr.com>

To: V4Protocol@yahoogroups.com

Sent: Friday, September 23, 2011 1:29 PM

Subject: [V4Protocol] Need evaluators for next update! (0.6.2.0)

All I am working on the last major fixes/enhancements for the next rev. I need a couple of evaluators (not many) for two important areas that I can't very well test here myself:

1) I need some that have had problems with Autoupdate. Two problems have been reported and I have made changes and added logging to fix and track these down. a) License problem with IPWorks and b) Problems believed to be related to firewall or router blocking. If you fall into one of these categories and can spare a few minutes please let me know.

2) Those with some of the more popular Yaesu models. I am still working on the Yaesu control and read back and I will probably have to make several iterations. Let me know which model(s) you have and I will get the manual (we subscribe to a download source) and try and put in the appropriate driver. If you can already set the frequency in V4 (via the mini log or waterfall click) that is a good start since half the code is there and working already.

I will send you the new evaluation code (full install) and/or post it on the Yahoo FTP. At this stage I do not want to post any untested code into the auto update server. All the changes in process are compatible with the current 0.6.1.0 rev.

73,

Rick KN6KB

2119. 80 METER FREQUENCY

Yahoo group: V4Protocol
Date: 2011-09-23 22:00:48 UTC
From: POB
Topic: 2119 Message: 2119

Since 80 has been doing well in the evenings, what is the frequency that ops are using for V4???
Tnx
POB/K8LEN

2120. Re: [V4Protocol] 80 METER FREQUENCY

Yahoo group: V4Protocol
Date: 2011-09-23 22:51:44 UTC
From: Ed Woods WD9DVA
Topic: 2119 Message: 2120

try 3.856 +/-. you got QRM to play with. 73 Ed WD9DVA
----- Original Message -----
From: POB
To: V4Protocol@yahoogroups.com
Sent: Friday, September 23, 2011 22:00
Subject: [V4Protocol] 80 METER FREQUENCY

Since 80 has been doing well in the evenings, what is the frequency that ops are using for V4???
Tnx
POB/K8LEN

2121. Re: Need evaluators for next update! (0.6.2.0)

Yahoo group: V4Protocol
Date: 2011-09-24 00:45:41 UTC
From: w3cet
Topic: 2111 Message: 2121

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> All I am working on the last major fixes/enhancements for the next rev. I need a couple of evaluators (not many) for two important areas that I canâ☐☐t very well test here myself:
> 1) I need some that have had problems with Autoupdate. Two problems have been reported and I have made changes and added logging to fix and track these down. a) License problem with IPWorks and b) Problems believed to be related to firewall or router blocking. If you fall into one of these categories and can spare a few minutes please let me know.
>
> 2) Those with some of the more popular Yaesu models. I am still working on the Yaesu control and read back and I will probably have to make several iterations. Let me know which model(s) you have and I will get the manual (we subscribe to a download source) and try and put in the appropriate driver. If you can already set the frequency in V4 (via the mini log or waterfall click) that is a good start since half the code is there and working already.
>
> I will send you the new evaluation code (full install) and/or post it on the Yahoo FTP. At this stage I do not want to post any untested code into the auto update server. All the changes in process are compatible with the current 0.6.1.0 rev.
>
> 73,
> Rick KN6KB
>

Hi Rick,

I am ready to Beta Test 0.6.2.0 !!

Running Windows-7 64-bit on a Laptop (Dual Processors and a Solid-State-Hard-Drive) with a Icom 7000 Radio and Navigator Interface..

73's from Dr Bob W3CET

2122. Re: 80 METER FREQUENCY

Yahoo group: V4Protocol
Date: 2011-09-24 00:49:55 UTC
From: POB
Topic: 2119 Message: 2122

--- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@...> wrote:
>
> try 3.856 +/-. you got QRM to play with. 73 Ed WD9DVA
> ----- Original Message -----
> From: POB
> To: V4Protocol@yahoogroups.com
> Sent: Friday, September 23, 2011 22:00
> Subject: [V4Protocol] 80 METER FREQUENCY
>
>
>
> Since 80 has been doing well in the evenings, what is the frequency that ops are using for V4???
> Tnx
> POB/K8LEN
>

Tnx ED, look for you sometime were nearly neighbors..
73
POB/K8LEN

2123. AW: [V4Protocol] Re: 80 METER FREQUENCY

Yahoo group: V4Protocol
Date: 2011-09-24 02:07:15 UTC
From: Siegfried Jackstien
Topic: 2119 Message: 2123

What about qrg lower as 3.8 ??? v4 should work well in the night to europe
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von POB
> Gesendet: Samstag, 24. September 2011 00:50
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Re: 80 METER FREQUENCY
>
>
>
>
>
> --- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> ,
> "Ed Woods WD9DVA" <wd9dva@...> wrote:
> >
> > try 3.856 +/-. you got QRM to play with. 73 Ed WD9DVA
> > ----- Original Message -----
> > From: POB
> > To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > Sent: Friday, September 23, 2011 22:00
> > Subject: [V4Protocol] 80 METER FREQUENCY
> >
> >
> >
> > Since 80 has been doing well in the evenings, what is the frequency that
> ops are using for V4???
> > Tnx
> > POB/K8LEN
> >
>
> Tnx ED, look for you sometime were nearly neighbors..
> 73
> POB/K8LEN
>
>
>
>

2124. Re: [V4Protocol] Re: 80 METER FREQUENCY

Yahoo group: V4Protocol
Date: 2011-09-24 07:14:16 UTC
From: Ed Woods WD9DVA
Topic: 2119 Message: 2124

it's all good. Ed WD9DVA
----- Original Message -----
From: Siegfried Jackstien
To: V4Protocol@yahoogroups.com
Sent: Saturday, September 24, 2011 02:07
Subject: AW: [V4Protocol] Re: 80 METER FREQUENCY

What about qrg lower as 3.8 ??? v4 should work well in the night to europe
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von POB
> Gesendet: Samstag, 24. September 2011 00:50
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Re: 80 METER FREQUENCY
>
>
>
>
>
> --- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> ,
> "Ed Woods WD9DVA" <wd9dva@...> wrote:
> >
> > try 3.856 +/-. you got QRM to play with. 73 Ed WD9DVA
> > ----- Original Message -----
> > From: POB
> > To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > Sent: Friday, September 23, 2011 22:00
> > Subject: [V4Protocol] 80 METER FREQUENCY
> >
> >
> >
> > Since 80 has been doing well in the evenings, what is the frequency that
> ops are using for V4???
> > Tnx
> > POB/K8LEN
> >
>
> Tnx ED, look for you sometime were nearly neighbors..
> 73
> POB/K8LEN
>
>

>
>

2125. Re: Marrying V4 Chat and RMS Express

Yahoo group: V4Protocol
Date: 2011-09-24 08:28:30 UTC
From: oh5rm
Topic: 1996 Message: 2125

Hi Andy,
I tried similar configuration running V4 and RMSExpress in parallel and using VSPE (Virtual Serial Port Emulator) to allow CAT control from both programs. It seems to work OK but you cannot keep V4 ARQ connect open during file exchange with RMSExpress, which is a problem. Have you any solution for that?

73 Jouko OH5RM

--- In V4Protocol@yahoogroups.com, "Andrew O'Brien" <k3ukandy@...> wrote:
>
> I have successfully configured my station so that V4 Chat (0.6.0.1)
> and RMS Express with Winmor P2P are open at same time and can PTT upon
> demand (not simultaneously). I wonder if anyone else is doing this?
> I am not sure what I really need to do this for, but intiating "QSOs"
> in V4 and using P2P Winmor to send faster info like bulletins, brag
> files, etc, might be useful.
>
> Andy K3UK
>

2126. CQCQ

Yahoo group: V4Protocol
Date: 2011-09-24 11:00:01 UTC
From: yo3hjv
Topic: 2126 Message: 2126

CQCQ on 14.111 KHz (Dial). Anyone? I use the club station callsign, YO3KSR. 73

2127. Re: CQCQ

Yahoo group: V4Protocol
Date: 2011-09-24 11:21:28 UTC
From: la7um
Topic: 2126 Message: 2127

I read you yo3KSR, but you dont read me obiously. LA7UM Finn

--- In V4Protocol@yahoogroups.com, "yo3hjv" <yo3hjv@...> wrote:
>
> CQCQ on 14.111 KHz (Dial). Anyone? I use the club station callsign, YO3KSR. 73
>

2128. RE: [V4Protocol] Re: CQCQ

Yahoo group: V4Protocol
Date: 2011-09-24 11:23:02 UTC
From: Victor Tait
Topic: 2126 Message: 2128

I connected with YO3KSR but times out...heavy RTTY contest QRM.73 de Victor Nr Belfast Gi4LKG
To: V4Protocol@yahoogroups.com
From: la7um@...
Date: Sat, 24 Sep 2011 11:21:28 +0000
Subject: [V4Protocol] Re: CQCQ

I read you yo3KSR, but you dont read me obiously. LA7UM Finn

--- In V4Protocol@yahoogroups.com, "yo3hjv" <yo3hjv@...> wrote:

>

> CQCQ on 14.111 KHz (Dial). Anyone? I use the club station callsign, YO3KSR. 73

>

2129. Re: [V4Protocol] CQCQ

Yahoo group: V4Protocol
Date: 2011-09-24 11:26:58 UTC
From: Dick Lamberson
Topic: 2126 Message: 2129

I am calling you at 1125Z
----- Original Message -----
From: yo3hjv
To: V4Protocol@yahoogroups.com
Sent: Saturday, September 24, 2011 7:00 AM
Subject: [V4Protocol] CQCQ

CQCQ on 14.111 KHz (Dial). Anyone? I use the club station callsign, YO3KSR. 73

2130. qso 14111

Yahoo group: V4Protocol
Date: 2011-09-24 11:33:43 UTC
From: la7um
Topic: 2130 Message: 2130

good qso just now with GI4LKG. Good MODE RICK. 73 de la7um Finn

2131. Suggstion for change of Outbound Queue Default setting.

Yahoo group: V4Protocol
Date: 2011-09-24 12:18:29 UTC
From: la7um
Topic: 2131 Message: 2131

A couple of my ARQ counter stations has done exactly as I have reverted to: Namely Hook for CR only as trigger for Outbound Queue. Other options are very good having as just that: OPTIONS. IF you REALLY need caring much about editing. That can sometimes be necessary.

Having just ENTER (CR) as the trigger, will probably diminish the occurance of stations forgetting moving their typed content into Outbound Buffer. (The non manual reader stations unless All Else Fails, hihi MANY of us all).

The operators actually Making Change from the hopefully "new defult" does that being concious about it, and they are not so prone getting in the "trap of forgetting the extra action" ctrl cr or ctrl space space.

Should not be dangerous related to backwards compatibility, since Everybody WILL get their Data into Outbound Queue this way, only a little unexpected early for someonee.

Just my 2 kroner (2/5 of a US $, hi)
73 de la7um Finn

2132. Re: Marrying V4 Chat and RMS Express

Yahoo group: V4Protocol
Date: 2011-09-24 12:57:02 UTC
From: Ilkka
Topic: 1996 Message: 2132

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Andy,
> Yes I know it is possible but I donâ□□t really understand how or why it would be used.

EMCOMM networks using RMS Express + WINMOR in peer-to-peer mode would welcome this possibility.

In Finnish big EMCOMM excercise 2010 we had to use voice to call stations and agree on QSY to working channel for message transfer using RFSM-8000 (all stations did not have paid licence that would have allowed using FEC broadcast chat). In 2012 exercise we will use both RFSM-8000 and RMS Express + WINMOR (P2P) (different time periods). With RMS E + WINMOR we will have to resort to voice calling unless there is a simple enough way to send (at least) FEC chat.

73, Ilkka OH3NJC

2133. Re: Marrying V4 Chat and RMS Express

Yahoo group: V4Protocol
Date: 2011-09-24 12:59:51 UTC
From: Ilkka
Topic: 1996 Message: 2133

--- In V4Protocol@yahoogroups.com, "Andrew O'Brien" <k3ukandy@...> wrote:
>
> I have successfully configured my station so that V4 Chat (0.6.0.1)
> and RMS Express with Winmor P2P are open at same time and can PTT upon
> demand (not simultaneously). I wonder if anyone else is doing this?
> I am not sure what I really need to do this for, but intiating "QSOs"
> in V4 and using P2P Winmor to send faster info like bulletins, brag
> files, etc, might be useful.
>
> Andy K3UK
>

Hi Andy

Could you elaborate on your setup?

WINMOR and V4 sharing the same sound card?

73, Ilkka OH3NJC

2134. Re: [V4Protocol] Re: Marrying V4 Chat and RMS Express

Yahoo group: V4Protocol
Date: 2011-09-24 13:08:53 UTC
From: Rick Muething
Topic: 1996 Message: 2134

All,
While it is possible to have both V4 and WINMOR active at the same time using the same sound card this is NOT recommended. Both stations can never transmit at the same time. (While you CAN share a sound card on RECEIVE if they are using the same parameters you CANNOT on transmit.) You have to have a mechanism to OR the transmit commands (e.g. a SignaLink USB will do this since it uses VOX keying) but if you are using a serial control or CAT PTT this could be a problem (most serial ports will NOT allow two programs to access it at the same time).

Rick KN6KB

2135. Feedback on Frequency read back on Yaesu Radios

Yahoo group: V4Protocol
Date: 2011-09-24 13:22:09 UTC
From: Rick Muething
Topic: 2135 Message: 2135

I have a test version that should read back the frequency on the following Yaesu radios: FT-450,FT-2000,FT-950,FT-897,FT-817,FT-847,FT-857.

But since I don’t have these radios I need someone that has one to run the new version and report their findings.

Some of the other Yaesu models MAY work selecting one of the above. The other Yaesu radios will be a while since the Yaesu CAT documentation and implementation is in a word terrible!

If you have one of these radios and wish to test the new version send an email directly to me and I will return the test version. I don’t want to post it to auto update until I have more confidence it works with the above radios.

Thanks,

Rick KN6KB

2136. Re: Marrying V4 Chat and RMS Express

Yahoo group: V4Protocol
Date: 2011-09-24 13:32:06 UTC
From: Ilkka
Topic: 1996 Message: 2136

Tried running both RMS E + WINMOR and V4 on my own stations.

Sharing the sound card seemed to work!

My main station sound card interface microHAM microKEYER supports two (virtual) com ports for wired PTT so the PTT was not a problem on that station.

My dummy load station is using Icom CI-V for PTT and there was a resource clash - as expected.

Any hints on virtual com port drivers that would help here?

73, Ilkka OH3NJC

2137. RE: [V4Protocol] Feedback on Frequency read back on Yaesu Radios

Yahoo group: V4Protocol
Date: 2011-09-24 14:09:02 UTC
From: Victor Tait
Topic: 2135 Message: 2137

Hello Rick de Victor Gi4LKG I use a Yaesu FT950 and would certainly like to try the test version. Tnx fer all ur good work. 73 de Victor Gi4LKGgi4lkg@... To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Sat, 24 Sep 2011 09:22:09 -0400
Subject: [V4Protocol] Feedback on Frequency read back on Yaesu Radios

I have a test version that should read back the frequency on the following Yaesu radios:
FT-450,FT-2000,FT-950,FT-897,FT-817,FT-847,FT-857.

But since I don’t have these radios I need someone that has one to run the new version and report their findings.

Some of the other Yaesu models MAY work selecting one of the above.
The other Yaesu radios will be a while since the Yaesu CAT documentation and implementation is in a word terrible!

If you have one of these radios and wish to test the new version send an email directly to me and I will return the test version. I don’t want to post it to auto update until I have more confidence it works with the above radios.

Thanks,

Rick KN6KB

2138. Re: [V4Protocol] Feedback on Frequency read back on Yaesu Radios

Yahoo group: V4Protocol
Date: 2011-09-24 14:44:58 UTC
From: Fred G -w1wyc
Topic: 2135 Message: 2138

Hiya Rick,

If you want to ship the test version to me I'll see if the FT-920 is compatible with the ones you listed and get back to you.

Fred, W1WYC

----- Original Message -----
From: Victor Tait
To: v4protocol@yahoogroups.com
Sent: Saturday, September 24, 2011 10:09 AM
Subject: RE: [V4Protocol] Feedback on Frequency read back on Yaesu Radios

Hello Rick de Victor Gi4LKG

I use a Yaesu FT950 and would certainly like to try the test version.

Tnx fer all ur good work.

73 de Victor Gi4LKG
gi4lkg@...

To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Sat, 24 Sep 2011 09:22:09 -0400
Subject: [V4Protocol] Feedback on Frequency read back on Yaesu Radios

I have a test version that should read back the frequency on the following Yaesu radios: FT-450,FT-2000,FT-950,FT-897,FT-817,FT-847,FT-857.

But since I don’t have these radios I need someone that has one to run the new version and report their findings.

Some of the other Yaesu models MAY work selecting one of the above. The other Yaesu radios will be a while since the Yaesu CAT documentation and implementation is in a word terrible!

If you have one of these radios and wish to test the new version send an email directly to me and I will return the test version. I don’t want to post it to auto update until I have more confidence it works with the above radios.

Thanks,

Rick KN6KB

2139. Re: Need evaluators for next update! (0.6.2.0)

Yahoo group: V4Protocol
Date: 2011-09-24 16:06:21 UTC
From: kc2nyu
Topic: 2111 Message: 2139

Rick - I have a a Yaesu FT-450 and could evaluate.

73
Paul

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> All I am working on the last major fixes/enhancements for the next rev. I need a couple of evaluators (not many) for two important areas that I canâ□□t very well test here myself:
> 1) I need some that have had problems with Autoupdate. Two problems have been reported and I have made changes and added logging to fix and track these down. a) License problem with IPWorks and b) Problems believed to be related to firewall or router blocking. If you fall into one of these categories and can spare a few minutes please let me know.
>
> 2) Those with some of the more popular Yaesu models. I am still working on the Yaesu control and read back and I will probably have to make several iterations. Let me know which model(s) you have and I will get the manual (we subscribe to a download source) and try and put in the appropriate driver. If you can already set the frequency in V4 (via the mini log or waterfall click) that is a good start since half the code is there and working already.
>
> I will send you the new evaluation code (full install) and/or post it on the Yahoo FTP. At this stage I do not want to post any untested code into the auto update server. All the changes in process are compatible with the current 0.6.1.0 rev.
>
> 73,
> Rick KN6KB
>

2140. Re: [V4Protocol] Re: Need evaluators for next update! (0.6.2.0)

Yahoo group: V4Protocol
Date: 2011-09-24 16:20:20 UTC
From: Ed Woods WD9DVA
Topic: 2111 Message: 2140

Our autoupdates, when I have my head in the right place, always work as advertised. 73 Ed WD9DVA
----- Original Message -----
From: kc2nyu
To: V4Protocol@yahoogroups.com
Sent: Saturday, September 24, 2011 16:06
Subject: [V4Protocol] Re: Need evaluators for next update! (0.6.2.0)

Rick - I have a a Yaesu FT-450 and could evaluate.

73
Paul

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> All I am working on the last major fixes/enhancements for the next rev. I need a couple of evaluators (not many) for two important areas that I canâ?Tt very well test here myself:
> 1) I need some that have had problems with Autoupdate. Two problems have been reported and I have made changes and added logging to fix and track these down. a) License problem with IPWorks and b) Problems believed to be related to firewall or router blocking. If you fall into one of these categories and can spare a few minutes please let me know.
>
> 2) Those with some of the more popular Yaesu models. I am still working on the Yaesu control and read back and I will probably have to make several iterations. Let me know which model(s) you have and I will get the manual (we subscribe to a download source) and try and put in the appropriate driver. If you can already set the frequency in V4 (via the mini log or waterfall click) that is a good start since half the code is there and working already.
>
> I will send you the new evaluation code (full install) and/or post it on the Yahoo FTP. At this stage I do not want to post any untested code into the auto update server. All the changes in process are compatible with the current 0.6.1.0 rev.
>
> 73,
> Rick KN6KB
>

2141. Re: Marrying V4 Chat and RMS Express

Yahoo group: V4Protocol
Date: 2011-09-24 16:32:22 UTC
From: la7um
Topic: 1996 Message: 2141

Ilkka. How would V4 and signalink on the rig mic and audio aux work, and another RMS E and a PTC2 OR SignaLink/WINMOR on the rear ACC radio port work?

I believe it should have reason for live, (quasi like a BPQ32 solution with WINMOR on mic, and PTC2 on rear connection).

Or maybe some solution like the coming RMS Trimode.
I don't know the mandatory HW solutions there, if used as TRI or DUAL mode).

Im thinking TWO sound cards now, but clearly see an interesting situation where several round "table" stations are QRV on V4 if noice is to heavy for Voice, and decision about when a mail is to be sendt either Pactor 1234 or Winmor P2P or even WINLINK is made known as a FEC broadcast, or a ARQ link to the recipient in particular.

73 de la7um Finn/RMSs LA3F

--- In V4Protocol@yahoogroups.com, "Ilkka" <oh3njc@...> wrote:
>
> Tried running both RMS E + WINMOR and V4 on my own stations.
>
> Sharing the sound card seemed to work!
>
> My main station sound card interface microHAM microKEYER supports two (virtual) com ports for wired PTT so the PTT was not a problem on that station.
>
> My dummy load station is using Icom CI-V for PTT and there was a resource clash - as expected.
>
> Any hints on virtual com port drivers that would help here?
>
> 73, Ilkka OH3NJC
>

2142. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-24 17:31:21 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2142

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /licenses.licx
Uploaded by : kn6kb <rmuething@...>
Description : This is the updated license file for the IPWorks Controls. Downloadn and replace the licenses.licx file in the V4 Chat directory to fix auto update.

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/licenses.licx

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2143. Updated License File for IPWorks

Yahoo group: V4Protocol
Date: 2011-09-24 17:34:37 UTC
From: kn6kb
Topic: 2143 Message: 2143

I have posted the updated license file for IPWOrks. The file can be downloaded and used to replace the existing license file by the same name in your V4 Chat directory. This should fix the autoupdate license problem some have experienced.

I will be posting a new update soon to the autoupdate server. I am awaiting some feedback from testers with Yaesu radios.

73,

Rick KN6KB

2144. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-24 17:40:04 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2144

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.6.1.3 Test.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.5.1.3 Test version Full install. Yaesu radio read back unverified.

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.6.1.3%20Test.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2145. Test update 0.6.1.3 uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-24 17:46:31 UTC
From: kn6kb
Topic: 2145 Message: 2145

I have uploaded a test verstion to the FTP. This will not auto update yet. You are welcome to try it but the Yaesu radio read backs have not yet been verified and only some Yaesu models are supported. (Read the V4Chat Revision history). Please comment to me on serious omissions or problems. I would like to get this rev out and solid before adding any more "wouldn't it be nice if...." features! If you have success or failure with a Yaesu radio please post and include a referene to THIS version number and your Yaesu model. There may be some additional logging or Yaesu Radios in the main V4Chat log. The help files have been updated. If you have a question about changed operation try reading thhem first.

To install this test version you will have to uninstall and then reinstall with the new versions. When doing this DO NOT delete or modify your V4Chat.ini or your V4 TNC.ini files.

Rick KN6KB

Once we are sure this is stable I will post on auto update.

Rick KN6KB

2146. PLEASE ANSWER QUESTION

Yahoo group: V4Protocol
Date: 2011-09-24 18:12:17 UTC
From: theoldbum
Topic: 2146 Message: 2146

I POSTED AN EMAIL AFTER I PAID TO GET NUMBER FOR MY HAM CALL SIGN. I HAVE NOT GOT AN ANSWER ABOUT HE WAY TO GET MY EMAIL TO MY REGULAR EMAIL ADDRESS. I DON'T HAVE A WINLINK.ORG ADDRESS. IS THIS JUST A WAY TO RIP OFF HAMS OR DO YOU REALLY ANSWER REAL QUESTIONS?

2147. Test update 0.6.1.3 uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-24 18:19:24 UTC
From: kc2nyu
Topic: 2145 Message: 2147

Rick- downloaded and installed 0.6.1.3 without a hitch. I am running Yaesu FT-450, Win 7 64 bit, Signalink USB interface. This V4 version seems to run just as well as last. No freq readout or control with the FT-450 yet.

73 Paul KC2NYU

2148. RE: [V4Protocol] PLEASE ANSWER QUESTION

Yahoo group: V4Protocol
Date: 2011-09-24 18:38:14 UTC
From: Dr Fred Hambrecht
Topic: 2146 Message: 2148

What is it you need help with, I would be glad to assist you in anyway possible if you can state the problem? I was not able to discern from your e-mail exactly what it was that you want.

73

Fred W4JLE

Group Moderator

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of theoldbum
Sent: Saturday, September 24, 2011 2:12 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] PLEASE ANSWER QUESTION

I POSTED AN EMAIL AFTER I PAID TO GET NUMBER FOR MY HAM CALL SIGN. I HAVE NOT GOT AN ANSWER ABOUT HE WAY TO GET MY EMAIL TO MY REGULAR EMAIL ADDRESS. I DON'T HAVE A WINLINK.ORG ADDRESS. IS THIS JUST A WAY TO RIP OFF HAMS OR DO YOU REALLY ANSWER REAL QUESTIONS?

2149. Re: [V4Protocol] PLEASE ANSWER QUESTION

Yahoo group: V4Protocol
Date: 2011-09-24 18:43:42 UTC
From: George Baustert
Topic: 2146 Message: 2149
Attachments: 1 described; binary payloads are missing from this source WARC

I PAID FOR A PASSWORD WHEN I DOWNLOADED THE PROGRAM. I WAS TOLD THAT IT
WAS SENT TO AN EMAIL ADDRESS MY HAM CALL @.... I SENT AN E MALI
THAT I DID NOT HAVE A @... E MAIL ACCOUNT AND IT HAD TO BE SENT
TO MY E MAIL ADDRESS THAT I USED WHEN I SIGNER UP. I HAVE NOT RECEIVED
ANY ANSWER TO THAT E MAIL.

On 9/24/2011 2:38 PM, Dr Fred Hambrecht wrote:
>
> What is it you need help with, I would be glad to assist you in anyway
> possible if you can state the problem? I was not able to discern from
> your e-mail exactly what it was that you want.
>
> 73
>
> Fred W4JLE
>
> Group Moderator
>
> ---
>
> *From:*V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
> *On Behalf Of *theoldbum
> *Sent:* Saturday, September 24, 2011 2:12 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] PLEASE ANSWER QUESTION
>
> I POSTED AN EMAIL AFTER I PAID TO GET NUMBER FOR MY HAM CALL SIGN. I
> HAVE NOT GOT AN ANSWER ABOUT HE WAY TO GET MY EMAIL TO MY REGULAR
> EMAIL ADDRESS. I DON'T HAVE A WINLINK.ORG ADDRESS. IS THIS JUST A WAY
> TO RIP OFF HAMS OR DO YOU REALLY ANSWER REAL QUESTIONS?
>
>

--
GEORGE BAUSTERT
5037 88 AVE
PINELLAS PARK, FL 33782-5306
CELL PHONE 727-773-6682

2150. Re: [V4Protocol] PLEASE ANSWER QUESTION

Yahoo group: V4Protocol
Date: 2011-09-24 18:44:33 UTC
From: Rick Westerfield
Topic: 2146 Message: 2150

The registration process for V4 Chat is not even ready or in service yet. I believe you have this confused with WINMOR and RMS Express.

Rick KH2DF

Sent from my iPhone

On Sep 24, 2011, at 1:12 PM, "theoldbum" <w3bl@tampabay.rr.com> wrote:

> I POSTED AN EMAIL AFTER I PAID TO GET NUMBER FOR MY HAM CALL SIGN. I HAVE NOT GOT AN ANSWER ABOUT HE WAY TO GET MY EMAIL TO MY REGULAR EMAIL ADDRESS. I DON'T HAVE A WINLINK.ORG ADDRESS. IS THIS JUST A WAY TO RIP OFF HAMS OR DO YOU REALLY ANSWER REAL QUESTIONS?
>
>

2151. Re: [V4Protocol] PLEASE ANSWER QUESTION

Yahoo group: V4Protocol
Date: 2011-09-24 19:00:52 UTC
From: George Baustert
Topic: 2146 Message: 2151
Attachments: 1 described; binary payloads are missing from this source WARC

EVERY TIME I START THE V4CHAT PROGRAM THERE IS A PAD THAT STARTS WITH
THE PROGRAM ASKING FOR A REGISTRATION NUMBER
FOR MY HAM CALL. IT GIVES A WWW.ARSFI.ORG/V4ASPX ADDRESS. WHEN YOU GO TO
THAT SITE IT ASKS FOR A DONATION TO GET THE REGISTRATION NUMBER FOR YOUR
CALL. THAT IS WHAT I DID AND IT ASKS FOR A WINLINK.ORG E MAIL ADDRESS
FOR MY HAM CALL. I DO NOT HAVE A WINLINK.ORG ADDRESS FOR MY HAM CALL SO
I ASKED TO HAVE IT SENT TO MY REGULAR E MAIL ADDRESS. THAT IS WHAT I AM
ASKING ABOUT.
On 9/24/2011 2:44 PM, Rick Westerfield wrote:
> The registration process for V4 Chat is not even ready or in service
> yet. I believe you have this confused with WINMOR and RMS Express.
>
> Rick KH2DF
>
> Sent from my iPhone
>
> On Sep 24, 2011, at 1:12 PM, "theoldbum" <w3bl@...
> <mailto:w3bl@...>> wrote:
>
>> I POSTED AN EMAIL AFTER I PAID TO GET NUMBER FOR MY HAM CALL SIGN. I
>> HAVE NOT GOT AN ANSWER ABOUT HE WAY TO GET MY EMAIL TO MY REGULAR
>> EMAIL ADDRESS. I DON'T HAVE A WINLINK.ORG <http://WINLINK.ORG>
>> ADDRESS. IS THIS JUST A WAY TO RIP OFF HAMS OR DO YOU REALLY ANSWER
>> REAL QUESTIONS?
>>
>

--
GEORGE BAUSTERT
5037 88 AVE
PINELLAS PARK, FL 33782-5306
CELL PHONE 727-773-6682

2152. Re: [V4Protocol] PLEASE ANSWER QUESTION

Yahoo group: V4Protocol
Date: 2011-09-24 19:08:30 UTC
From: Fred G -w1wyc
Topic: 2146 Message: 2152

George,

Ignore that pop-up. Just click on "Remind me later". You don't lose any functionality in the program.

Fred, W1WYC

----- Original Message -----
From: George Baustert
To: V4Protocol@yahoogroups.com
Sent: Saturday, September 24, 2011 3:00 PM
Subject: Re: [V4Protocol] PLEASE ANSWER QUESTION

EVERY TIME I START THE V4CHAT PROGRAM THERE IS A PAD THAT STARTS WITH THE PROGRAM ASKING FOR A REGISTRATION NUMBER
FOR MY HAM CALL. IT GIVES A WWW.ARSFI.ORG/V4ASPX ADDRESS. WHEN YOU GO TO THAT SITE IT ASKS FOR A DONATION TO GET THE REGISTRATION NUMBER FOR YOUR CALL. THAT IS WHAT I DID AND IT ASKS FOR A WINLINK.ORG E MAIL ADDRESS FOR MY HAM CALL. I DO NOT HAVE A WINLINK.ORG ADDRESS FOR MY HAM CALL SO I ASKED TO HAVE IT SENT TO MY REGULAR E MAIL ADDRESS. THAT IS WHAT I AM ASKING ABOUT.
On 9/24/2011 2:44 PM, Rick Westerfield wrote:

Â
The registration process for V4 Chat is not even ready or in service yet. I believe you have this confused with WINMOR and RMS Express.

Rick KH2DF

Sent from my iPhone

On Sep 24, 2011, at 1:12 PM, "theoldbum" <w3bl@...> wrote:

Â
I POSTED AN EMAIL AFTER I PAID TO GET NUMBER FOR MY HAM CALL SIGN. I HAVE NOT GOT AN ANSWER ABOUT HE WAY TO GET MY EMAIL TO MY REGULAR EMAIL ADDRESS. I DON'T HAVE A WINLINK.ORG ADDRESS. IS THIS JUST A WAY TO RIP OFF HAMS OR DO YOU REALLY ANSWER REAL QUESTIONS?

--
GEORGE BAUSTERT
5037 88 AVE
PINELLAS PARK, FL 33782-5306
CELL PHONE 727-773-6682

2153. RE: [V4Protocol] PLEASE ANSWER QUESTION

Yahoo group: V4Protocol
Date: 2011-09-24 19:33:33 UTC
From: Dr Fred Hambrecht
Topic: 2146 Message: 2153

There are no licenses being distributed, nor is their a procedure yet for V4. You may have confused the information with WINMOR. Simply click past the nag screen. You will not lose any functionality.

As to the hamcall@.... All the information is located at http://winlink.org <http://winlink.org/>

Who did you send the e-mail to so I can assist you in tracking it down?

If I can help further let me know.

Fred W4JLE

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of George Baustert
Sent: Saturday, September 24, 2011 2:44 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] PLEASE ANSWER QUESTION

I PAID FOR A PASSWORD WHEN I DOWNLOADED THE PROGRAM. I WAS TOLD THAT IT WAS SENT TO AN EMAIL ADDRESS MY HAM CALL @.... I SENT AN E MALI THAT I DID NOT HAVE A @... E MAIL ACCOUNT AND IT HAD TO BE SENT TO MY E MAIL ADDRESS THAT I USED WHEN I SIGNER UP. I HAVE NOT RECEIVED ANY ANSWER TO THAT E MAIL.

On 9/24/2011 2:38 PM, Dr Fred Hambrecht wrote:

What is it you need help with, I would be glad to assist you in anyway possible if you can state the problem? I was not able to discern from your e-mail exactly what it was that you want.

73

Fred W4JLE

Group Moderator

From: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of theoldbum
Sent: Saturday, September 24, 2011 2:12 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] PLEASE ANSWER QUESTION

I POSTED AN EMAIL AFTER I PAID TO GET NUMBER FOR MY HAM CALL SIGN. I HAVE NOT GOT AN ANSWER ABOUT HE WAY TO GET MY EMAIL TO MY REGULAR EMAIL ADDRESS.

I DON'T HAVE A WINLINK.ORG ADDRESS. IS THIS JUST A WAY TO RIP OFF HAMS OR DO YOU REALLY ANSWER REAL QUESTIONS?

--
GEORGE BAUSTERT
5037 88 AVE
PINELLAS PARK, FL 33782-5306
CELL PHONE 727-773-6682

2154. RE: [V4Protocol] Test update 0.6.1.3 uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-24 20:03:26 UTC
From: G4AIU
Topic: 2145 Message: 2154

Rick,

My observations so far.

I have downloaded and installed V.0.6.1.3 without any problems. There is a slight change to the V4 TNC screen. A panel now says: CF:14074.5 when I click on the 14073Khz frequency in the contact screen. All my other listed frequencies show the plus 1.5Khz.

The LH Green line shows (minus) - 700Hz and the RH Green line shown (plus) +700Hz.

73 de Eugene / G4AIU

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kc2nyu
Sent: 24 September 2011 19:19
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Test update 0.6.1.3 uploaded to Yahoo FTP

Rick- downloaded and installed 0.6.1.3 without a hitch. I am running Yaesu FT-450, Win 7 64 bit, Signalink USB interface. This V4 version seems to run just as well as last. No freq readout or control with the FT-450 yet.

73 Paul KC2NYU

2155. Re: [V4Protocol] PLEASE ANSWER QUESTION

Yahoo group: V4Protocol
Date: 2011-09-24 20:20:28 UTC
From: George Baustert
Topic: 2146 Message: 2155
Attachments: 1 described; binary payloads are missing from this source WARC

I KNOW HOW TO RUN THE PROGRAM WITHOUT THE REG. NUMBER. IT IS A PART OF THE V4PROGRAM THAT ASK ME TO GO TO THE SITE THAT ASK FOR A DONATION. NOW YOU TELL ME THAT IT HAS NOTHING TO DO WITH THIS PROGRAM. WHY IS IT PART OF THE PROGRAM AT ALL IF IT ISN'T PART OF THE PROGRAM? I STILL LIKE I GOT RIPPED OFF BUT THAT IS ONLY MY OPINION.

On 9/24/2011 3:33 PM, Dr Fred Hambrecht wrote:
>
> There are no licenses being distributed, nor is their a procedure yet
> for V4. You may have confused the information with WINMOR. Simply
> click past the nag screen. You will not lose any functionality.
>
> As to the hamcall@... <mailto:hamcall@...>. All the
> information is located at http://winlink.org <http://winlink.org/>
>
> Who did you send the e-mail to so I can assist you in tracking it down?
>
> If I can help further let me know.
>
> Fred W4JLE
>
> ---
>
> *From:*V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
> *On Behalf Of *George Baustert
> *Sent:* Saturday, September 24, 2011 2:44 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] PLEASE ANSWER QUESTION
>
> I PAID FOR A PASSWORD WHEN I DOWNLOADED THE PROGRAM. I WAS TOLD THAT
> IT WAS SENT TO AN EMAIL ADDRESS MY HAM CALL @.... I SENT AN E
> MALI THAT I DID NOT HAVE A @... E MAIL ACCOUNT AND IT HAD TO
> BE SENT TO MY E MAIL ADDRESS THAT I USED WHEN I SIGNER UP. I HAVE NOT
> RECEIVED ANY ANSWER TO THAT E MAIL.
>
> On 9/24/2011 2:38 PM, Dr Fred Hambrecht wrote:
>
>> What is it you need help with, I would be glad to assist you in
>> anyway possible if you can state the problem? I was not able to
>> discern from your e-mail exactly what it was that you want.
>>
>> 73
>>
>> Fred W4JLE

>>
>> Group Moderator
>>
>> ---
>>
>> *From:*V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>> [mailto:V4Protocol@yahoogroups.com
>> <mailto:V4Protocol@yahoogroups.com>] *On Behalf Of *theoldbum
>> *Sent:* Saturday, September 24, 2011 2:12 PM
>> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>> *Subject:* [V4Protocol] PLEASE ANSWER QUESTION
>>
>> I POSTED AN EMAIL AFTER I PAID TO GET NUMBER FOR MY HAM CALL SIGN. I
>> HAVE NOT GOT AN ANSWER ABOUT HE WAY TO GET MY EMAIL TO MY REGULAR
>> EMAIL ADDRESS. I DON'T HAVE A WINLINK.ORG ADDRESS. IS THIS JUST A WAY
>> TO RIP OFF HAMS OR DO YOU REALLY ANSWER REAL QUESTIONS?
>>
>
>
> --
> GEORGE BAUSTERT
> 5037 88 AVE
> PINELLAS PARK,FL 33782-5306
> CELL PHONE 727-773-6682
>
>

--
GEORGE BAUSTERT
5037 88 AVE
PINELLAS PARK, FL 33782-5306
CELL PHONE 727-773-6682

2156. Re: Marrying V4 Chat and RMS Express

Yahoo group: V4Protocol
Date: 2011-09-24 20:42:07 UTC
From: Ilkka
Topic: 1996 Message: 2156

--- In V4Protocol@yahoogroups.com, "la7um" <la7um@...> wrote:
>
> Ilkka. How would V4 and signalink on the rig mic and audio aux work, and another RMS E and a PTC2 OR SignaLink/WINMOR on the rear ACC radio port work?
>
> I believe it should have reason for live, (quasi like a BPQ32 solution with WINMOR on mic, and PTC2 on rear connection).
>
> Or maybe some solution like the coming RMS Trimode.
> I don't know the mandatory HW solutions there, if used as TRI or DUAL mode).
>
> Im thinking TWO sound cards now, but clearly see an interesting situation where several round "table" stations are QRV on V4 if noice is to heavy for Voice, and decision about when a mail is to be sendt either Pactor 1234 or Winmor P2P or even WINLINK is made known as a FEC broadcast, or a ARQ link to the recipient in particular.
>
> 73 de la7um Finn/RMSs LA3F

For each rig model and rig interface type there are many ways to solve the problem.

Unfortunately this is getting too complicated for the average Joe Ham EMCOMM operators.

73, Ilkka OH3NJC

2157. RE: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-24 20:46:41 UTC
From: Stephen West-Fisher
Topic: 43 Message: 2157

Now that all the normal life crises (two daughters in college) are under control I'm trying to work with V4 again. Previously I have been unsuccessful with ARQ contacts.

With 0.6.1.0 installed I was able to hear someone on 14.073 through all the RTTY, but since I was still reading the help I did not try to respond. Having found a quiet spot on 10m, I tried a CQ to check the T/R Latency, and I'm getting about 350ms or so. Radio is a TS-480 with that selected for radio control. K480-Aux for PTT. Sound is using the Kenwood direct cable from soundcard to TS-480. Anyone else using a TS-480 with some ideas for reducing the delay?

--

Stephen West-Fisher

N4IK

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
Sent: Saturday, September 24, 2011 1:31 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] New file uploaded to V4Protocol

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /licenses.licx
Uploaded by : kn6kb <rmuething@... <mailto:rmuething%40cfl.rr.com> >
Description : This is the updated license file for the IPWorks Controls. Downloadn and replace the licenses.licx file in the V4 Chat directory to fix auto update.

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/licenses.licx

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@... <mailto:rmuething%40cfl.rr.com> >

2158. Re: PLEASE ANSWER QUESTION

Yahoo group: V4Protocol
Date: 2011-09-24 21:03:14 UTC
From: la7um
Topic: 2146 Message: 2158

George. You are kinda right. The registration popup is relevant to what WILL be. At the ARSFI you at the time beeing can do three different actions:

1: You may pay a voluntary yearly member fee of 10$. NOT mandatory.
But I even from Norway have found it worthwile doing this.
They pay for shipments of loaner radios and other equipments for the SW developers of the WINLINK system doing all work for free!!

2: You also may pay some other voluntary support if you like and find the work of value. There are somebody finding this of value. NOT mandatory.

3: You may pay a voluntary registry for your WINLINK email SOUNDCARD PROGRAM WINMOR. NOT Mandatory.
I think it is 39$, or so. That was what I did. This is a virtual TNC, a module in the program package RMS Express handling WINMOR for email over radio.
The SW RMS Express also can handle HW Pactor tncs and Packet tncs, and connection via Telnet.

You can enable yourself with a valid WINLINK radio email account by just sending a mail to your ordinary existing email account using telnet by using free sw RMS Express. Check good info on winlink website.

I myself first enabled myself with a WINLINK radio email account.
That can be done free of charge by reading around on www.winlink.org
Check for User SW and downloads.
Download RMS Express 1.4.0.0

When opening the program just click and drag a little down the thin grey line just beneath the menu texts. This for opening a full wiew by split screen.

4: And here is where your understandable confusion is:
(I agree with you, they could have waited some weeks with that scroll page, since it is leading to no ready made end station. That's confusing)

You in the FUTURE may pay, if you like, still NOT mandatory, some registration fee to the same ARSFI for using the free chat program V4 Chat getting rid of the nagging roll down window.

Why this: It is the same SW developers making V4Chat, that makes the WINMOR and other WINLINK SW. And V4Chat already is and WILL be used by Operators of WINLINK stations in the emcomm field for some keyboard intercommunication when Voice does not make it.
It may also be used for fun only, really in the narrowband sections of the bands 200Hz BW.

Anyway, the program, as the other protocoll WINMOR will function 100% with NO reduced functionality or trial period. Just click away the nagging window.

Hope this help a little.

73 de la7um Finn

--- In V4Protocol@yahoogroups.com, George Baustert <w3bl@...> wrote:
>
> EVERY TIME I START THE V4CHAT PROGRAM THERE IS A PAD THAT STARTS WITH
> THE PROGRAM ASKING FOR A REGISTRATION NUMBER
> FOR MY HAM CALL. IT GIVES A WWW.ARSFI.ORG/V4ASPX ADDRESS. WHEN YOU GO TO
> THAT SITE IT ASKS FOR A DONATION TO GET THE REGISTRATION NUMBER FOR YOUR
> CALL. THAT IS WHAT I DID AND IT ASKS FOR A WINLINK.ORG E MAIL ADDRESS
> FOR MY HAM CALL. I DO NOT HAVE A WINLINK.ORG ADDRESS FOR MY HAM CALL SO
> I ASKED TO HAVE IT SENT TO MY REGULAR E MAIL ADDRESS. THAT IS WHAT I AM
> ASKING ABOUT.
> On 9/24/2011 2:44 PM, Rick Westerfield wrote:
> > The registration process for V4 Chat is not even ready or in service
> > yet. I believe you have this confused with WINMOR and RMS Express.
> >
> > Rick KH2DF
> >
> > Sent from my iPhone
> >
> > On Sep 24, 2011, at 1:12 PM, "theoldbum" <w3bl@...
> > <mailto:w3bl@...>> wrote:
> >
> >> I POSTED AN EMAIL AFTER I PAID TO GET NUMBER FOR MY HAM CALL SIGN. I
> >> HAVE NOT GOT AN ANSWER ABOUT HE WAY TO GET MY EMAIL TO MY REGULAR
> >> EMAIL ADDRESS. I DON'T HAVE A WINLINK.ORG <http://WINLINK.ORG>
> >> ADDRESS. IS THIS JUST A WAY TO RIP OFF HAMS OR DO YOU REALLY ANSWER
> >> REAL QUESTIONS?
> >>
> >
>
> --
> GEORGE BAUSTERT
> 5037 88 AVE
> PINELLAS PARK, FL 33782-5306
> CELL PHONE 727-773-6682
>

2159. RE: [V4Protocol] PLEASE ANSWER QUESTION

Yahoo group: V4Protocol
Date: 2011-09-24 21:33:58 UTC
From: Dr Fred Hambrecht
Topic: 2146 Message: 2159

May I ask how much you donated?

Fred W4JLE

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of George Baustert
Sent: Saturday, September 24, 2011 4:20 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] PLEASE ANSWER QUESTION

I KNOW HOW TO RUN THE PROGRAM WITHOUT THE REG. NUMBER. IT IS A PART OF THE V4PROGRAM THAT ASK ME TO GO TO THE SITE THAT ASK FOR A DONATION. NOW YOU TELL ME THAT IT HAS NOTHING TO DO WITH THIS PROGRAM. WHY IS IT PART OF THE PROGRAM AT ALL IF IT ISN'T PART OF THE PROGRAM? I STILL LIKE I GOT RIPPED OFF BUT THAT IS ONLY MY OPINION.

On 9/24/2011 3:33 PM, Dr Fred Hambrecht wrote:

There are no licenses being distributed, nor is their a procedure yet for V4. You may have confused the information with WINMOR. Simply click past the nag screen. You will not lose any functionality.

As to the hamcall@.... All the information is located at http://winlink.org <http://winlink.org/>

Who did you send the e-mail to so I can assist you in tracking it down?

If I can help further let me know.

Fred W4JLE

From: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of George Baustert
Sent: Saturday, September 24, 2011 2:44 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] PLEASE ANSWER QUESTION

I PAID FOR A PASSWORD WHEN I DOWNLOADED THE PROGRAM. I WAS TOLD THAT IT WAS SENT TO AN EMAIL ADDRESS MY HAM CALL @.... I SENT AN E MALI THAT I DID NOT HAVE A @... E MAIL ACCOUNT AND IT HAD TO BE SENT TO MY E MAIL ADDRESS THAT I USED WHEN I SIGNER UP. I HAVE NOT RECEIVED ANY ANSWER TO THAT E MAIL.

On 9/24/2011 2:38 PM, Dr Fred Hambrecht wrote:

What is it you need help with, I would be glad to assist you in anyway possible if you can state the problem? I was not able to discern from your e-mail exactly what it was that you want.

73

Fred W4JLE

Group Moderator

From: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of theoldbum
Sent: Saturday, September 24, 2011 2:12 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] PLEASE ANSWER QUESTION

I POSTED AN EMAIL AFTER I PAID TO GET NUMBER FOR MY HAM CALL SIGN. I HAVE NOT GOT AN ANSWER ABOUT HE WAY TO GET MY EMAIL TO MY REGULAR EMAIL ADDRESS. I DON'T HAVE A WINLINK.ORG ADDRESS. IS THIS JUST A WAY TO RIP OFF HAMS OR DO YOU REALLY ANSWER REAL QUESTIONS?

--
GEORGE BAUSTERT
5037 88 AVE
PINELLAS PARK, FL 33782-5306
CELL PHONE 727-773-6682

--
GEORGE BAUSTERT
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PINELLAS PARK, FL 33782-5306
CELL PHONE 727-773-6682

2160. Re: Test update 0.6.1.3 uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-24 21:34:51 UTC
From: Peter
Topic: 2145 Message: 2160

Rick,

0.6.1.3 installed without any problem.

CAT does not work with my Yaesu FT2000. No chance of making a test qso during the weekend as the band is wiped out for other data mode users by the CQWW RTTY contest.

Peter G3JFS

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> I have uploaded a test verstion to the FTP. This will not auto update yet. You are welcome to try it but the Yaesu radio read backs have not yet been verified and only some Yaesu models are supported. (Read the V4Chat Revision history). Please comment to me on serious omissions or problems. I would like to get this rev out and solid before adding any more "wouldn't it be nice if...." features! If you have success or failure with a Yaesu radio please post and include a referene to THIS version number and your Yaesu model. There may be some additional logging or Yaesu Radios in the main V4Chat log. The help files have been updated. If you have a question about changed operation try reading them first.
>
> To install this test version you will have to uninstall and then reinstall with the new versions. When doing this DO NOT delete or modify your V4Chat.ini or your V4 TNC.ini files.
>
> Rick KN6KB
>
>
> Once we are sure this is stable I will post on auto update.
>
> Rick KN6KB
>

2161. Re: [V4Protocol] Re: PLEASE ANSWER QUESTION

Yahoo group: V4Protocol
Date: 2011-09-24 21:50:19 UTC
From: George Baustert
Topic: 2146 Message: 2161
Attachments: 1 described; binary payloads are missing from this source WARC

THANK YOU. YOU ARE THE FIRST ANSWER TO MY QUESTION THAT GIVES ME AN
ANSWER NOT EXCUSES.

On 9/24/2011 5:03 PM, la7um wrote:
>
> George. You are kinda right. The registration popup is relevant to
> what WILL be. At the ARSFI you at the time beeing can do three
> different actions:
>
> 1: You may pay a voluntary yearly member fee of 10$. NOT mandatory.
> But I even from Norway have found it worthwile doing this.
> They pay for shipments of loaner radios and other equipments for the
> SW developers of the WINLINK system doing all work for free!!
>
> 2: You also may pay some other voluntary support if you like and find
> the work of value. There are somebody finding this of value. NOT
> mandatory.
>
> 3: You may pay a voluntary registry for your WINLINK email SOUNDCARD
> PROGRAM WINMOR. NOT Mandatory.
> I think it is 39$, or so. That was what I did. This is a virtual TNC,
> a module in the program package RMS Express handling WINMOR for email
> over radio.
> The SW RMS Express also can handle HW Pactor tncs and Packet tncs, and
> connection via Telnet.
>
> You can enable yourself with a valid WINLINK radio email account by
> just sending a mail to your ordinary existing email account using
> telnet by using free sw RMS Express. Check good info on winlink website.
>
> I myself first enabled myself with a WINLINK radio email account.
> That can be done free of charge by reading around on www.winlink.org
> Check for User SW and downloads.
> Download RMS Express 1.4.0.0
>
> When opening the program just click and drag a little down the thin
> grey line just beneath the menu texts. This for opening a full wiew by
> split screen.
>
> 4: And here is where your understandable confusion is:
> (I agree with you, they could have waited some weeks with that scroll
> page, since it is leading to no ready made end station. That's confusing)
>
> You in the FUTURE may pay, if you like, still NOT mandatory, some

> registration fee to the same ARSFI for using the free chat program V4
> Chat getting rid of the nagging roll down window.
>
> Why this: It is the same SW developers making V4Chat, that makes the
> WINMOR and other WINLINK SW. And V4Chat already is and WILL be used by
> Operators of WINLINK stations in the emcomm field for some keyboard
> intercommunication when Voice does not make it.
> It may also be used for fun only, really in the narrowband sections of
> the bands 200Hz BW.
>
> Anyway, the program, as the other protocoll WINMOR will function 100%
> with NO reduced functionality or trial period. Just click away the
> nagging window.
>
> Hope this help a little.
>
> 73 de la7um Finn
>
> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>, George Baustert <w3bl@...> wrote:
> >
> > EVERY TIME I START THE V4CHAT PROGRAM THERE IS A PAD THAT STARTS WITH
> > THE PROGRAM ASKING FOR A REGISTRATION NUMBER
> > FOR MY HAM CALL. IT GIVES A WWW.ARSFI.ORG/V4ASPX ADDRESS. WHEN YOU
> GO TO
> > THAT SITE IT ASKS FOR A DONATION TO GET THE REGISTRATION NUMBER FOR
> YOUR
> > CALL. THAT IS WHAT I DID AND IT ASKS FOR A WINLINK.ORG E MAIL ADDRESS
> > FOR MY HAM CALL. I DO NOT HAVE A WINLINK.ORG ADDRESS FOR MY HAM CALL SO
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> > On 9/24/2011 2:44 PM, Rick Westerfield wrote:
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> > >
> > > Rick KH2DF
> > >
> > > Sent from my iPhone
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> > > On Sep 24, 2011, at 1:12 PM, "theoldbum" <w3bl@...
> > > <mailto:w3bl@...>> wrote:
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> > >> EMAIL ADDRESS. I DON'T HAVE A WINLINK.ORG <http://WINLINK.ORG>
> > >> ADDRESS. IS THIS JUST A WAY TO RIP OFF HAMS OR DO YOU REALLY ANSWER
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> > --
> > GEORGE BAUSTERT
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>
>

--
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2162. Re: Marrying V4 Chat and RMS Express

Yahoo group: V4Protocol
Date: 2011-09-24 22:01:21 UTC
From: Kenneth
Topic: 1996 Message: 2162

Maybe I am off base here but I don't see the point other than could I do it. It seems to me an emergency chat should be one to many. V4 dosen't seem to me to qualify. I have been successfully conected to a station, disconnected and watched a next connection and been able to copy very little of the next qso.
73, Ken - ae6la

2163. Re: [V4Protocol] Re: PLEASE ANSWER QUESTION

Yahoo group: V4Protocol
Date: 2011-09-24 22:33:07 UTC
From: Lee
Topic: 2146 Message: 2163

George,

Our records show that you registered WINMOR on 4/13 of this year and also
became a member of the Amateur Radio Safety Foundation on 9/18 of this year.
I have no record of any V4 registration - in fact, as others have stated,
the V4 registration process does not even exist. I know this as I am the one
writing the code to implement it. The V4 web page you reference states
something like: "V4 Registration is not available at this time. Check back
towards the end of the beta program."

I have not received any email message from you asking for assistance. Can
you tell me who you sent this request for help to?

73, Lee K0QED
Winlink Development Team
Amateur Radio Safety Foundation

On Sat, Sep 24, 2011 at 3:50 PM, George Baustert <w3bl@...>wrote:

> **
>
>
> THANK YOU. YOU ARE THE FIRST ANSWER TO MY QUESTION THAT GIVES ME AN ANSWER
> NOT EXCUSES.
>
>
> On 9/24/2011 5:03 PM, la7um wrote:
>
>
>
> George. You are kinda right. The registration popup is relevant to what
> WILL be. At the ARSFI you at the time beeing can do three different actions:
>
> 1: You may pay a voluntary yearly member fee of 10$. NOT mandatory.
> But I even from Norway have found it worthwile doing this.
> They pay for shipments of loaner radios and other equipments for the SW
> developers of the WINLINK system doing all work for free!!
>
> 2: You also may pay some other voluntary support if you like and find the
> work of value. There are somebody finding this of value. NOT mandatory.
>
> 3: You may pay a voluntary registry for your WINLINK email SOUNDCARD
> PROGRAM WINMOR. NOT Mandatory.
> I think it is 39$, or so. That was what I did. This is a virtual TNC, a
> module in the program package RMS Express handling WINMOR for email over
> radio.

> The SW RMS Express also can handle HW Pactor tncs and Packet tncs, and
> connection via Telnet.
>
> You can enable yourself with a valid WINLINK radio email account by just
> sending a mail to your ordinary existing email account using telnet by using
> free sw RMS Express. Check good info on winlink website.
>
> I myself first enabled myself with a WINLINK radio email account.
> That can be done free of charge by reading around on www.winlink.org
> Check for User SW and downloads.
> Download RMS Express 1.4.0.0
>
> When opening the program just click and drag a little down the thin grey
> line just beneath the menu texts. This for opening a full wiew by split
> screen.
>
> 4: And here is where your understandable confusion is:
> (I agree with you, they could have waited some weeks with that scroll page,
> since it is leading to no ready made end station. That's confusing)
>
> You in the FUTURE may pay, if you like, still NOT mandatory, some
> registration fee to the same ARSFI for using the free chat program V4 Chat
> getting rid of the nagging roll down window.
>
> Why this: It is the same SW developers making V4Chat, that makes the WINMOR
> and other WINLINK SW. And V4Chat already is and WILL be used by Operators of
> WINLINK stations in the emcomm field for some keyboard intercommunication
> when Voice does not make it.
> It may also be used for fun only, really in the narrowband sections of the
> bands 200Hz BW.
>
> Anyway, the program, as the other protocoll WINMOR will function 100% with
> NO reduced functionality or trial period. Just click away the nagging
> window.
>
> Hope this help a little.
>
> 73 de la7um Finn
>
> --- In V4Protocol@...m, George Baustert <w3bl@...> <w3bl@...>wrote:
> >
> > EVERY TIME I START THE V4CHAT PROGRAM THERE IS A PAD THAT STARTS WITH
> > THE PROGRAM ASKING FOR A REGISTRATION NUMBER
> > FOR MY HAM CALL. IT GIVES A WWW.ARSFI.ORG/V4ASPX ADDRESS. WHEN YOU GO TO
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> > THAT SITE IT ASKS FOR A DONATION TO GET THE REGISTRATION NUMBER FOR YOUR
> > CALL. THAT IS WHAT I DID AND IT ASKS FOR A WINLINK.ORG E MAIL ADDRESS
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> > ASKING ABOUT.

> > On 9/24/2011 2:44 PM, Rick Westerfield wrote:
> > > The registration process for V4 Chat is not even ready or in service
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> > > Rick KH2DF
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> > >> EMAIL ADDRESS. I DON'T HAVE A WINLINK.ORG <http://WINLINK.ORG>
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>
>

2164. Re: Test update 0.6.1.3 uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-24 23:15:12 UTC
From: Pete Ferrand
Topic: 2145 Message: 2164

Using 0.6.1.3 this afternoon between electrical storms....

V4 CAT does not work at all with my Yaesu FT-450. I'm using Win 7 Ultimate 32 bit and digi vox on the rig. Hardware serial port card to com3.

PCC-450, the Yaesu control program, works fine.

When I try starting PCC-450 with V4 already operating, PCC-450 correctly says the com port is in use...so V4 is accessing the com port as it should. Obviously I'm not trying to operate with both together, that will never work.

Otherwise, no one is around on 10.131....I would think that being chased off 20 and 40 someone would be here :)

-Pete
WB2QLL
Somers, WI

2165. Re: 80 METER FREQUENCY

Yahoo group: V4Protocol
Date: 2011-09-24 23:57:46 UTC
From: Bill Noyce
Topic: 2119 Message: 2165

Is there a typo here? 3.856 is not legal for digital operation in the
US. Did you mean 3.586?
-- Bill, AB1AV

--- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@...> wrote:
>
> try 3.856 +/-. you got QRM to play with. 73 Ed WD9DVA
> ----- Original Message -----
> From: POB
> To: V4Protocol@yahoogroups.com
> Sent: Friday, September 23, 2011 22:00
> Subject: [V4Protocol] 80 METER FREQUENCY
>
>
>
> Since 80 has been doing well in the evenings, what is the frequency that ops are using
for V4???
> Tnx
> POB/K8LEN
>

2166. Re: [V4Protocol] Re: 80 METER FREQUENCY

Yahoo group: V4Protocol
Date: 2011-09-25 00:06:45 UTC
From: charles standlee
Topic: 2119 Message: 2166

most of sstv used to hang out on 3857 and 3845 I haven't been there in a long time though.

73, Chuck AC5PW

From: Bill Noyce <WBNoyce@...>
To: V4Protocol@yahoogroups.com
Sent: Saturday, September 24, 2011 6:57 PM
Subject: [V4Protocol] Re: 80 METER FREQUENCY

Is there a typo here? 3.856 is not legal for digital operation in the
US. Did you mean 3.586?
-- Bill, AB1AV

--- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@...> wrote:
>
> try 3.856 +/-. you got QRM to play with. 73 Ed WD9DVA
> ----- Original Message -----
> From: POB
> To: V4Protocol@yahoogroups.com
> Sent: Friday, September 23, 2011 22:00
> Subject: [V4Protocol] 80 METER FREQUENCY
>
>
>
> Since 80 has been doing well in the evenings, what is the frequency that ops are using
for V4???
> Tnx
> POB/K8LEN
>

2167. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-25 00:23:03 UTC
From: Rick Muething
Topic: 43 Message: 2167

Stephen,

I have a 480 and the latency is under 60 ms using the SignaLink USB sound card and its Built in VOX keying. It is also about the same using CAT keying supported by the 480. You should be using a baud rate 4800 or above.

What are your radio settings? You won't be able to make a reliable ARQ connection with 350 ms latency. Something is wrong in your setup.

Rick KN6KB

From: Stephen West-Fisher
Sent: Saturday, September 24, 2011 4:46 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] New file uploaded to V4Protocol

Now that all the normal life crises (two daughters in college) are under control I'm trying to work with V4 again. Previously I have been unsuccessful with ARQ contacts.

With 0.6.1.0 installed I was able to hear someone on 14.073 through all the RTTY, but since I was still reading the help I did not try to respond. Having found a quiet spot on 10m, I tried a CQ to check the T/R Latency, and I'm getting about 350ms or so. Radio is a TS-480 with that selected for radio control. K480-Aux for PTT. Sound is using the Kenwood direct cable from soundcard to TS-480. Anyone else using a TS-480 with some ideas for reducing the delay?

--

Stephen West-Fisher

N4IK

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
Sent: Saturday, September 24, 2011 1:31 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] New file uploaded to V4Protocol

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /licenses.licx
Uploaded by : kn6kb <mailto:rmuething%40cfl.rr.com>
Description : This is the updated license file for the IPWorks Controls. Downloadn and replace the licenses.licx file in the V4 Chat directory to fix auto update.

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/licenses.licx

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <mailto:rmuething%40cfl.rr.com>

2168. Re: [V4Protocol] Test update 0.6.1.3 uploaded to Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-25 00:27:00 UTC
From: Rick Muething
Topic: 2145 Message: 2168

That is all correct. Please read the help file on how to interpret the waterfall screen. The value displayed is the center RF (the center of the RF spectrum) It will be 1.5 KHz above the USB Dial as described in the help.

Rick KN6KB

From: G4AIU
Sent: Saturday, September 24, 2011 4:03 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Test update 0.6.1.3 uploaded to Yahoo FTP

Rick,

My observations so far.

I have downloaded and installed V.0.6.1.3 without any problems. There is a slight change to the V4 TNC screen. A panel now says: CF:14074.5 when I click on the 14073Khz frequency in the contact screen. All my other listed frequencies show the plus 1.5Khz.

The LH Green line shows (minus) - 700Hz and the RH Green line shown (plus) +700Hz.

73 de Eugene / G4AIU

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kc2nyu
Sent: 24 September 2011 19:19
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Test update 0.6.1.3 uploaded to Yahoo FTP

Rick- downloaded and installed 0.6.1.3 without a hitch. I am running Yaesu FT-450, Win 7 64 bit, Signalink USB interface. This V4 version seems to run just as well as last. No freq readout or control with the FT-450 yet.

73 Paul KC2NYU

2169. Re: [V4Protocol] Re: 80 METER FREQUENCY

Yahoo group: V4Protocol
Date: 2011-09-25 01:12:47 UTC
From: Ed Woods WD9DVA
Topic: 2119 Message: 2169

Think ur correct, 3856 not in the ham abnds. My typing sucks, lets consider 3586. Whatever.
73 Ed WD9DVA
----- Original Message -----
From: Bill Noyce
To: V4Protocol@yahoogroups.com
Sent: Saturday, September 24, 2011 23:57
Subject: [V4Protocol] Re: 80 METER FREQUENCY

Is there a typo here? 3.856 is not legal for digital operation in the
US. Did you mean 3.586?
-- Bill, AB1AV

--- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@...> wrote:
>
> try 3.856 +/-. you got QRM to play with. 73 Ed WD9DVA
> ----- Original Message -----
> From: POB
> To: V4Protocol@yahoogroups.com
> Sent: Friday, September 23, 2011 22:00
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>
>
>
> Since 80 has been doing well in the evenings, what is the frequency that ops are using
for V4???
> Tnx
> POB/K8LEN
>

2170. Some problems noted

Yahoo group: V4Protocol
Date: 2011-09-25 08:53:05 UTC
From: uchrw
Topic: 2170 Message: 2170

Rick, here are some problems noted on ver 0.6.1.0
1. CAT does not work on Yaesu FT-1000MP (I know, you can only select FT-1000 and it is a different rig)
2. Autoupdate, when trying to register my V4, complained and did not complete the registration. It did however write "MISSING CALLSIGN" as registration in the V4 TNC.ini. I believe this is because my V4 TNC.ini file is from earlier versions and did not contain my callsign.

thank you for your hard work!
73 de Ulf

2171. Black Waterfall

Yahoo group: V4Protocol
Date: 2011-09-25 10:31:56 UTC
From: turi8712
Topic: 2171 Message: 2171

XP / SP 3, Flex 5000 A, PSDR 2.1.5, V4 Chat 0.6.1.0, Latency below 200

When starting the programm, the TNC Waterfall is light blue and moving.
I can see traces of activities.
After making the first ARQ-CQ Call the waterfall stays blue until the CW-ID is sent. Then the waterall changes to black and stays black during all following ARQ-CQ calls. When I restart the programm or go to setup and "upüdate" the settings (no changes), the waterfall starts again in blue and falls back to black after sending the CW-ID.
I have made contacts and exchanged messages with the "black" waterfall. Do I something wrong or is it a (cosmetic) bug?

Arthur HB9LAM

2172. RE: [V4Protocol] Black Waterfall

Yahoo group: V4Protocol
Date: 2011-09-25 12:26:55 UTC
From: Rick Westerfield
Topic: 2171 Message: 2172

I□m thinking you are getting RF into your computer or soundcard that is knocking it out. What happens when you try a dummy load as an antenna? I will guess that this problem no longer occurs.

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of turi8712
Sent: Sunday, September 25, 2011 5:32 AM
To: V4Protocol@...m
Subject: [V4Protocol] Black Waterfall

XP / SP 3, Flex 5000 A, PSDR 2.1.5, V4 Chat 0.6.1.0, Latency below 200

When starting the programm, the TNC Waterfall is light blue and moving.
I can see traces of activities.
After making the first ARQ-CQ Call the waterfall stays blue until the CW-ID is sent. Then the waterall changes to black and stays black during all following ARQ-CQ calls. When I restart the programm or go to setup and "upüdate" the settings (no changes), the waterfall starts again in blue and falls back to black after sending the CW-ID.
I have made contacts and exchanged messages with the "black" waterfall. Do I something wrong or is it a (cosmetic) bug?

Arthur HB9LAM

2173. RE: [V4Protocol] TS-480 Problem

Yahoo group: V4Protocol
Date: 2011-09-25 12:32:07 UTC
From: Stephen West-Fisher
Topic: 43 Message: 2173

I’m using 9600 baud on the serial line. When you say radio settings so you mean the transceiver or the V4?

I’m also using a laptop running Vista, could the problem be related to the internal sound card?

--

Stephen West-Fisher

N4IK

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Saturday, September 24, 2011 8:23 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Stephen,

I have a 480 and the latency is under 60 ms using the SignaLink USB sound card and its Built in VOX keying. It is also about the same using CAT keying supported by the 480. You should be using a baud rate 4800 or above.

What are your radio settings? You won’t be able to make a reliable ARQ connection with 350 ms latency. Something is wrong in your setup.

Rick KN6KB

2174. What Freq to Use For Testing

Yahoo group: V4Protocol
Date: 2011-09-25 12:33:16 UTC
From: KB3FN
Topic: 2174 Message: 2174

I may have missed the answer to my question, but has anyone suggestion a frequency list that we could use to do V4Chat testing.
I have only be able to see activity on 14,073. I too would like to use some different bands when 20 meters goes downhill.
Lynn ☐ KB3FN

2175. RE: [V4Protocol] Some problems noted

Yahoo group: V4Protocol
Date: 2011-09-25 12:36:16 UTC
From: Rick Westerfield
Topic: 2170 Message: 2175

Yes, I got the same "MISSING CALLSIGN" update to the registration as you earlier this week. The nag has gone away but I cannot find that similar (but different) long character string as is used in RMS Express in my INI file so that I can back it up to storage somewhere. I am quite certain that I have always had my call sign and even my grid locator in the V4 Chat setup screens.

As I run a desktop and a laptop computer (less often) for digital HF, it would be nice to be able to copy that registration string to the laptop. I tried using "MISSING CALLSIGN" but it did not work on the laptop.

A Different Rick - KH2DF/W5

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of uchrw
Sent: Sunday, September 25, 2011 3:53 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Some problems noted

Rick, here are some problems noted on ver 0.6.1.0
1. CAT does not work on Yaesu FT-1000MP (I know, you can only select FT-1000 and it is a different rig)
2. Autoupdate, when trying to register my V4, complained and did not complete the registration. It did however write "MISSING CALLSIGN" as registration in the V4 TNC.ini. I believe this is because my V4 TNC.ini file is from earlier versions and did not contain my callsign.

thank you for your hard work!
73 de Ulf

2176. RE: [V4Protocol] What Freq to Use For Testing

Yahoo group: V4Protocol
Date: 2011-09-25 12:39:21 UTC
From: Rick Westerfield
Topic: 2174 Message: 2176

Try 10.073 and even 21.073 with the higher bands opening up these days.

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of KB3FN
Sent: Sunday, September 25, 2011 7:33 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] What Freq to Use For Testing

I may have missed the answer to my question, but has anyone suggestion a frequency list that we could use to do V4Chat testing.
I have only be able to see activity on 14,073. I too would like to use some different bands when 20 meters goes downhill.
Lynn - KB3FN

2177. RE: [V4Protocol] What Freq to Use For Testing

Yahoo group: V4Protocol
Date: 2011-09-25 12:45:44 UTC
From: Matt Zilmer
Topic: 2174 Message: 2177

I've also been using 7073.5. In a few minutes, I'll be back on that freq. Listening on 40m now, but have to install the latest and greatest first. Someone put together a data modes list for 30m and it shows 10131.0 and 10136.0 for V4. I cannot find an authoritative freq list online either.

I'll try listening on 7073.5 around 1250 - 1315Z.

73,
Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: V4Protocol@yahoogroups.com
From: kb3fn@...
Date: Sun, 25 Sep 2011 12:33:16 +0000
Subject: [V4Protocol] What Freq to Use For Testing

I may have missed the answer to my question, but has anyone suggestion a frequency list that we could use to do V4Chat testing.

I have only be able to see activity on 14,073. I too would like to use some different bands when 20 meters goes downhill.

Lynn – KB3FN

2178. Re: [V4Protocol] Some problems noted

Yahoo group: V4Protocol
Date: 2011-09-25 13:43:26 UTC
From: Rick Muething
Topic: 2170 Message: 2178

Rick,
When you post a question please indicate your revision. There have been several changes and pending fixes that address items. If the registration nag is gone you will ALWAYS find the registration key in the V4 TNC.ini file. There is also now software that creates an automatic backup ini file unique to a call sign when registration is successful. It is V4 TNC.ini.<call sign> and has read-only attributes which make it difficult to accidentally erase.

Also the newest test version also creates an automatic email to the V4 data base to save the registration key and call sign. You don't have to do that but it is another backup mechanism in case you don't write down the registration key (recommended) and somehow manage to erase both the V4 TNC.ini file and the V4 TNC.ini.<call sign> files.

All this explained in the updated help files with the latest test release. 0.6.1.3. I will put this on auto update as soon as I can figure out (using Yaesu's cryptic documentation) how to set frequency for at least some of the Yaesu models!

Rick KN6KB

From: Rick Westerfield
Sent: Sunday, September 25, 2011 8:36 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Some problems noted

Yes, I got the same "MISSING CALLSIGN" update to the registration as you earlier this week. The nag has gone away but I cannot find that similar (but different) long character string as is used in RMS Express in my INI file so that I can back it up to storage somewhere. I am quite certain that I have always had my call sign and even my grid locator in the V4 Chat setup screens.

As I run a desktop and a laptop computer (less often) for digital HF, it would be nice to be able to copy that registration string to the laptop. I tried using "MISSING CALLSIGN" but it did not work on the laptop.

A Different Rick – KH2DF/W5

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of uchrw
Sent: Sunday, September 25, 2011 3:53 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Some problems noted

Rick, here are some problems noted on ver 0.6.1.0
1. CAT does not work on Yaesu FT-1000MP (I know, you can only select FT-1000 and it is a different rig)
2. Autoupdate, when trying to register my V4, complained and did not complete the registration. It did however write "MISSING CALLSIGN" as registration in the V4 TNC.ini. I believe this is because my V4 TNC.ini file is from earlier versions and did not contain my

callsign.

thank you for your hard work!
73 de Ulf

2179. Re: [V4Protocol] TS-480 Problem

Yahoo group: V4Protocol
Date: 2011-09-25 13:51:59 UTC
From: Rick Muething
Topic: 43 Message: 2179

Stephen,
If you are using V4 Chat and want to use radio control (Frequency and/or PTT) you must use the Radio setup menu. Read the help it explains it and there is separate page on radio setup. On that menu you select the radio, Com ports, Baud rate, other parameters. Unless you have those set up correctly and they match the radio (baud rate etc) it won't work. The help discusses the four ways of keying and you must use one of the four (they all will work but some may be more convenient) If you have a question that the help doesn't answer then post it to the forum and describe the setup you have and what your radio control settings are. Be sure to include your radio model and the software revision of V4 Chat you are running.

Vista has nothing to do with it (but I recommend Win 7 for fewer headaches!). You can use the internal sound card but it is not recommended. You will still need an isolated (optical or transformer) audio interface to the radio and if any program (Windows or any other program) attempts to "grab" the sound card you will be out of luck and the program will fail. The sound card cannot normally be shared across active applications. I would recommend something like the SignaLink USB if you don't already have a good sound card interface although others will also work fine.

Rick KN6KB

From: Stephen West-Fisher
Sent: Sunday, September 25, 2011 8:32 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] TS-480 Problem

I'm using 9600 baud on the serial line. When you say radio settings so you mean the transceiver or the V4?

I'm also using a laptop running Vista, could the problem be related to the internal sound card?

--

Stephen West-Fisher

N4IK

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Saturday, September 24, 2011 8:23 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Stephen,

I have a 480 and the latency is under 60 ms using the SignaLink USB sound card and its Built in VOX keying. It is also about the same using CAT keying supported by the 480. You

should be using a baud rate 4800 or above.

What are your radio settings? You won’t be able to make a reliable ARQ connection with 350 ms latency. Something is wrong in your setup.

Rick KN6KB

2180. Re: [V4Protocol] What Freq to Use For Testing

Yahoo group: V4Protocol
Date: 2011-09-25 14:37:05 UTC
From: Ed Woods WD9DVA
Topic: 2174 Message: 2180

Matt authorization for what? Ed WD9DVA
----- Original Message -----
From: Matt Zilmer
To: v4protocol@yahoogroups.com
Sent: Sunday, September 25, 2011 12:45
Subject: RE: [V4Protocol] What Freq to Use For Testing

I've also been using 7073.5. In a few minutes, I'll be back on that freq. Listening on 40m now, but have to install the latest and greatest first. Someone put together a data modes list for 30m and it shows 10131.0 and 10136.0 for V4. I cannot find an authoritative freq list online either.

I'll try listening on 7073.5 around 1250 - 1315Z.

73,
Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: V4Protocol@yahoogroups.com
From: kb3fn@...
Date: Sun, 25 Sep 2011 12:33:16 +0000
Subject: [V4Protocol] What Freq to Use For Testing

I may have missed the answer to my question, but has anyone suggestion a frequency list that we could use to do V4Chat testing.
I have only be able to see activity on 14,073. I too would like to use some different bands when 20 meters goes downhill.
Lynn – KB3FN

2181. Re: Some problems noted

Yahoo group: V4Protocol
Date: 2011-09-25 14:50:27 UTC
From: uchrw
Topic: 2170 Message: 2181

Rick, after checking the failed registration, here is my findings (ver 0610):

1. I have no hex-string in my V4 TNC.ini, only Registration=MISSING CALLSIGN and I my callsign is not in the V4 TNC.ini (and no nag screen)

2. I cannot find any file named V4 TNC.ini.[call] on my entire hd (I checked)

3. If I go into Sound Card TNC Basic Setup it tells me my callsign and registration=MISSING CALLSIGN but but when I try to update, it complains that the call and registration does not match. It will however write a new V4 TNC.ini with my call and Registration=MISSING CALLSIGN and the nag screen is back. If I then edit out my call from the V4 TNC.ini the nag screen is gone.

So I guess my registration has failed after all....
73 de Ulf

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Rick,
> When you post a question please indicate your revision. There have been several changes and pending fixes that address items. If the registration nag is gone you will ALWAYS find the registration key in the V4 TNC.ini file. There is also now software that creates an automatic backup ini file unique to a call sign when registration is successful. It is V4 TNC.ini.<call sign> and has read-only attributes which make it difficult to accidentally erase.
>
> Also the newest test version also creates an automatic email to the V4 data base to save the registration key and call sign. You donâ□□t have to do that but it is another backup mechanism in case you donâ□□t write down the registration key (recommended) and somehow manage to erase both the V4 TNC.ini file and the V4 TNC.ini.<call sign> files.
>
> All this explained in the updated help files with the latest test release. 0.6.1.3. I will put this on auto update as soon as I can figure out (using Yaesuâ□□s cryptic documentation) how to set frequency for at least some of the Yaesu models!
>
> Rick KN6KB
>
>
> From: Rick Westerfield
> Sent: Sunday, September 25, 2011 8:36 AM
> To: V4Protocol@yahoogroups.com
> Subject: RE: [V4Protocol] Some problems noted
>
>
>
> Yes, I got the same â□□MISSING CALLSIGNâ□□ update to the registration as you earlier this week. The nag has gone away but I cannot find that similar (but different) long character string as is used in RMS Express in my INI file so

that I can back it up to storage somewhere. I am quite certain that I have always had my call sign and even my grid locator in the V4 Chat setup screens.
>
>
> As I run a desktop and a laptop computer (less often) for digital HF, it would be nice to be able to copy that registration string to the laptop. I tried using â□□MISSING CALLSIGNâ□□ but it did not work on the laptop.
>
>
> A Different Rick â□" KH2DF/W5
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of uchrw
> Sent: Sunday, September 25, 2011 3:53 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Some problems noted
>
>
>
>
> Rick, here are some problems noted on ver 0.6.1.0
> 1. CAT does not work on Yaesu FT-1000MP (I know, you can only select FT-1000 and it is a different rig)
> 2. Autoupdate, when trying to register my V4, complained and did not complete the registration. It did however write "MISSING CALLSIGN" as registration in the V4 TNC.ini. I believe this is because my V4 TNC.ini file is from earlier versions and did not contain my callsign.
>
> thank you for your hard work!
> 73 de Ulf
>

2182. 10 meter frequency

Yahoo group: V4Protocol
Date: 2011-09-25 14:50:31 UTC
From: POB
Topic: 2182 Message: 2182

What is the 10 meter frequency, seems to be open last 3 days, so will give it a try.
POB/K8LEN

2183. RE: [V4Protocol] What Freq to Use For Testing

Yahoo group: V4Protocol
Date: 2011-09-25 14:52:21 UTC
From: Matt Zilmer
Topic: 2174 Message: 2183

By "
authoritative " I just meant some degree of common usage or agreement (like a band plan). I've found freq lists for different data modes, sometimes by band, but they don't all agree. V4 is new enough that this makes sense, and most folks just use the PSK31 freq + 2500 Hz. 30m is another story....

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: V4Protocol@yahoogroups.com
From: wd9dva@sbcglobal.net
Date: Sun, 25 Sep 2011 14:37:05 +0000
Subject: Re: [V4Protocol] What Freq to Use For Testing

Matt authorization for what? Ed
WD9DVA

----- Original Message -----
From:
Matt Zilmer

To: v4protocol@yahoogroups.com
Sent: Sunday, September 25, 2011
12:45
Subject: RE: [V4Protocol] What Freq to
Use For Testing

I've also been using 7073.5. In a few
minutes, I'll be back on that freq. Listening on 40m now, but have to
install the latest and greatest first. Someone put together a data modes
list for 30m and it shows 10131.0 and 10136.0 for V4. I cannot find an
authoritative freq list online either.

I'll try listening on 7073.5
around 1250 - 1315Z.

73,
Matt Zilmer, W6NIA / NNN0UET
/ NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: V4Protocol@...m
From: kb3fn@...
Date: Sun, 25 Sep
2011 12:33:16 +0000
Subject: [V4Protocol] What Freq to Use For
Testing

I may have missed the answer to my question, but has
anyone suggestion a frequency list that we could use to do V4Chat
testing.
I have only be able to see activity on 14,073. I too would like to
use some different bands when 20 meters goes downhill.
Lynn –
KB3FN

2184. Re: [V4Protocol] 10 meter frequency

Yahoo group: V4Protocol
Date: 2011-09-25 16:39:21 UTC
From: Rick Westerfield
Topic: 2182 Message: 2184

I would guess maybe 28.073?????

Rick KH2DF

Sent from my iPhone

On Sep 25, 2011, at 9:50 AM, "POB" <obie47165@...> wrote:

> What is the 10 meter frequency, seems to be open last 3 days, so will give it a try.
> POB/K8LEN
>
>

2185. Re: [V4Protocol] Black Waterfall

Yahoo group: V4Protocol
Date: 2011-09-25 16:42:41 UTC
From: Charles Blackburn
Topic: 2171 Message: 2185

i get the same thing on jt65, try backing off your preamp or kicking in an attenuator. a lot of times it's caused by a strong station in the pass band. not sure about V4 - not used it lately but same thing happens in jt65

charlie

2186. Re: [V4Protocol] Re: Some problems noted

Yahoo group: V4Protocol
Date: 2011-09-25 16:43:15 UTC
From: Rick Westerfield
Topic: 2170 Message: 2186

Hello Ulf,

I did not do as thorough of a look on my hard drive but I did look. Same results as you. Version is the latest Yaesu test version from the Group files section last night - 0.6.0.3, I think. I am running the absolute latest, whatever that number is.

Rick KH2DF

Sent from my iPhone

On Sep 25, 2011, at 9:50 AM, "uchrw" <uchrw@...> wrote:

> Rick, after checking the failed registration, here is my findings (ver 0610):
>
> 1. I have no hex-string in my V4 TNC.ini, only Registration=MISSING CALLSIGN and I my callsign is not in the V4 TNC.ini (and no nag screen)
>
> 2. I cannot find any file named V4 TNC.ini.[call] on my entire hd (I checked)
>
> 3. If I go into Sound Card TNC Basic Setup it tells me my callsign and registration=MISSING CALLSIGN but but when I try to update, it complains that the call and registration does not match. It will however write a new V4 TNC.ini with my call and Registration=MISSING CALLSIGN and the nag screen is back. If I then edit out my call from the V4 TNC.ini the nag screen is gone.
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> So I guess my registration has failed after all....
> 73 de Ulf
>
> --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
> >
> > Rick,
> > When you post a question please indicate your revision. There have been several changes and pending fixes that address items. If the registration nag is gone you will ALWAYS find the registration key in the V4 TNC.ini file. There is also now software that creates an automatic backup ini file unique to a call sign when registration is successful. It is V4 TNC.ini.<call sign> and has read-only attributes which make it difficult to accidentally erase.
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> > Also the newest test version also creates an automatic email to the V4 data base to save the registration key and call sign. You donâ□□t have to do that but it is another backup mechanism in case you donâ□□t write down the registration key (recommended) and somehow manage to erase both the V4 TNC.ini file and the V4 TNC.ini.<call sign> files.
> >
> > All this explained in the updated help files with the latest test release. 0.6.1.3. I will put this on auto update as soon as I can figure out (using Yaesuâ□□s cryptic documentation) how to set frequency for at least some of the Yaesu models!
> >
> > Rick KN6KB

> >
> >
> > From: Rick Westerfield
> > Sent: Sunday, September 25, 2011 8:36 AM
> > To: V4Protocol@yahoogroups.com
> > Subject: RE: [V4Protocol] Some problems noted
> >
> >
> >
> > Yes, I got the same â□□MISSING CALLSIGNâ□□ update to the registration as you earlier this week. The nag has gone away but I cannot find that similar (but different) long character string as is used in RMS Express in my INI file so that I can back it up to storage somewhere. I am quite certain that I have always had my call sign and even my grid locator in the V4 Chat setup screens.
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> > From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of uchrw
> > Sent: Sunday, September 25, 2011 3:53 AM
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> > Rick, here are some problems noted on ver 0.6.1.0
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> >
> > thank you for your hard work!
> > 73 de Ulf
> >
>
>

2187. V4Chat 0.6.1.3 Test.zip

Yahoo group: V4Protocol
Date: 2011-09-25 17:53:39 UTC
From: k1dow_4
Topic: 2187 Message: 2187

I just downloaded and manually installed V4Chat 0.6.1.3 on my Win XP home edition system.

When it booted up here is what I got:

*** Startup of V4Chat Ver 0.6.1.3 ; Auto Update Enabled using HTTP port 8776
*** Failure to open Command Port 8510 to V4 TNC.
Check and make sure port is unused.
*** Failure to open Open V4 TNC.

This was a first for me. I rebooted the OS just to be certain nothing else has somehow grabbed the port, but got this same error message.

I then manually re-installed V4Chat Ver 0.6.1.0 and all is well again.

73/Russ
K1DOW

2188. RE: [V4Protocol] V4Chat 0.6.1.3 Test.zip

Yahoo group: V4Protocol
Date: 2011-09-25 17:57:05 UTC
From: Matt Zilmer
Topic: 2187 Message: 2188

If this comes up again ....

At the XP command prompt, type
netstat -ano

You'll get a list of active localhost (and other) IP addresses and their states. If the subject port is taken, the application or entity that has it should be listed, and you can resolve the conflict.
73,
Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: V4Protocol@yahoogroups.com
From: russtower@...
Date: Sun, 25 Sep 2011 17:53:39 +0000
Subject: [V4Protocol] V4Chat 0.6.1.3 Test.zip

I just downloaded and manually installed V4Chat 0.6.1.3 on my Win XP home edition system.

When it booted up here is what I got:

*** Startup of V4Chat Ver 0.6.1.3 ; Auto Update Enabled using HTTP port 8776

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Check and make sure port is unused.

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This was a first for me. I rebooted the OS just to be certain nothing else has somehow grabbed the port, but got this same error message.

I then manually re-installed V4Chat Ver 0.6.1.0 and all is well again.

73/Russ

K1DOW

2189. A couple little graphics tweaks to suggest..

Yahoo group: V4Protocol
Date: 2011-09-25 18:39:16 UTC
From: k1dow_4
Topic: 2189 Message: 2189

Rick,

Regarding the "Are you sure you want to do this?" popup that comes up when you select "Clear All" - I think just simply selecting "Clear All" and having it clear the selected screen should suffice as I think it's pretty clear what going to happen when you select this option.

I hope I'm not alone on this last suggestion, but (speaking for myself)I would find it a whole lot easier on my eyes if I had the choice of a somewhat larger font to use in my typing box. Even a bit larger fixed font would be great if offering a variable sized font would be more than you want to get into graphic wise at this time.

73/Russ
K1DOW

2190. RE: [V4Protocol] TS-480 Problem

Yahoo group: V4Protocol
Date: 2011-09-25 20:09:14 UTC
From: Stephen West-Fisher
Topic: 43 Message: 2190

As I said, the program is setup for Kenwood CAT on com1 at 9600 baud. PTT is set for K480-Aux. This should have the quickest T/R switching correct?

I am using the internal sound card since that works well for other modes, but it could be the problem – that is what I am trying to find out.

As it happens, W7 is happening tomorrow.

--

Stephen West-Fisher

N4IK

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Sunday, September 25, 2011 9:52 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] TS-480 Problem

Stephen,

If you are using V4 Chat and want to use radio control (Frequency and/or PTT) you must use the Radio setup menu. Read the help it explains it and there is separate page on radio setup. On that menu you select the radio, Com ports, Baud rate, other parameters. Unless you have those set up correctly and they match the radio (baud rate etc) it won't work. The help discusses the four ways of keying and you must use one of the four (they all will work but some may be more convenient) If you have a question that the help doesn't answer then post it to the forum and describe the setup you have and what your radio control settings are. Be sure to include your radio model and the software revision of V4 Chat you are running.

Vista has nothing to do with it (but I recommend Win 7 for fewer headaches!). You can use the internal sound card but it is not recommended. You will still need an isolated (optical or transformer) audio interface to the radio and if any program (Windows or any other program) attempts to "grab" the sound card you will be out of luck and the program will fail. The sound card cannot normally be shared across active applications. I would recommend something like the SignaLink USB if you don't already have a good sound card interface although others will also work fine.

Rick KN6KB

From: Stephen West-Fisher <mailto:steve@coastaldatasystems.com>

Sent: Sunday, September 25, 2011 8:32 AM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] TS-480 Problem

I’m using 9600 baud on the serial line. When you say radio settings so you mean the transceiver or the V4?

I’m also using a laptop running Vista, could the problem be related to the internal sound card?

--

Stephen West-Fisher

N4IK

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Saturday, September 24, 2011 8:23 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Stephen,

I have a 480 and the latency is under 60 ms using the SignaLink USB sound card and its Built in VOX keying. It is also about the same using CAT keying supported by the 480. You should be using a baud rate 4800 or above.

What are your radio settings? You won’t be able to make a reliable ARQ connection with 350 ms latency. Something is wrong in your setup.

Rick KN6KB

2191. Re: V4Chat 0.6.1.3 Test.zip

Yahoo group: V4Protocol
Date: 2011-09-25 20:55:24 UTC
From: Ralph
Topic: 2187 Message: 2191

You may also want to use "netstat -anob". The "b" will provide you with the actual program name associated with the port numbers. If you are using Vista and I assume Win 7, you will need to RIGHT click on the CMD icon and select "Run as Administrator". The "b" option requires you to have administrator privileges. The "b" option also causes netstat to run slower. It looks like the program has stalled, but it hasn't.

Ralph K8HSQ

--- In V4Protocol@yahoogroups.com, Matt Zilmer <mzilmer@...> wrote:
>
>
> If this comes up again ....
>
> At the XP command prompt, type
> netstat -ano
>
> You'll get a list of active localhost (and other) IP addresses and their states. If the subject port is taken, the application or entity that has it should be listed, and you can resolve the conflict.
> 73,
> Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
> NMCM RMS Winmor: NNU9ET-5: Upland, CA.
>

2192. Re: [V4Protocol] Re: 80 METER FREQUENCY

Yahoo group: V4Protocol
Date: 2011-09-25 21:06:55 UTC
From: Yussuf
Topic: 2119 Message: 2192

Here in "OH" (Finland, Eu) we use 3590, but only weekends some high
activity.
Also 7045 is in use, but but ocal daitme and most only weekends, too.
73 "Yussi" OH7TE

2011/9/25 charles standlee <ac5pw10@...>

> **
>
>
> most of sstv used to hang out on 3857 and 3845 I haven't been there in a
> long time though.
>
> 73, Chuck AC5PW
> *From:* Bill Noyce <WBNoyce@gmail.com>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Saturday, September 24, 2011 6:57 PM
> *Subject:* [V4Protocol] Re: 80 METER FREQUENCY
>
>
> Is there a typo here? 3.856 is not legal for digital operation in the
> US. Did you mean 3.586?
> -- Bill, AB1AV
>
> --- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@...> wrote:
> >
> > try 3.856 +/-. you got QRM to play with. 73 Ed WD9DVA
> > ----- Original Message -----
> > From: POB
> > To: V4Protocol@yahoogroups.com
> > Sent: Friday, September 23, 2011 22:00
> > Subject: [V4Protocol] 80 METER FREQUENCY
> >
> >
> >
> > Since 80 has been doing well in the evenings, what is the frequency that
> ops are using for V4???
> > Tnx
> > POB/K8LEN
> >
>
>
>
>

--
73's OH7TE Yufenau

2193. RE: [V4Protocol] Re: V4Chat 0.6.1.3 Test.zip

Yahoo group: V4Protocol
Date: 2011-09-25 21:17:19 UTC
From: Matt Zilmer
Topic: 2187 Message: 2193

You're right: the -b option is VERY slow....

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

To: V4Protocol@yahoogroups.com
From: k8hsq5@...
Date: Sun, 25 Sep 2011 20:55:24 +0000
Subject: [V4Protocol] Re: V4Chat 0.6.1.3 Test.zip

You may also want to use "netstat -anob". The "b" will provide you with the actual program name associated with the port numbers. If you are using Vista and I assume Win 7, you will need to RIGHT click on the CMD icon and select "Run as Administrator". The "b" option requires you to have administrator privileges. The "b" option also causes netstat to run slower. It looks like the program has stalled, but it hasn't.

Ralph K8HSQ

--- In V4Protocol@yahoogroups.com, Matt Zilmer <mzilmer@...> wrote:

>

>

> If this comes up again ....

>

> At the XP command prompt, type

> netstat -ano

>

> You'll get a list of active localhost (and other) IP addresses and their states. If the subject port is taken, the application or entity that has it should be listed, and you can resolve the conflict.

> 73,

> Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE

> NMCM RMS Winmor: NNU9ET-5: Upland, CA.

>

2194. Re: 80 METER FREQUENCY

Yahoo group: V4Protocol
Date: 2011-09-26 00:39:12 UTC
From: la7um
Topic: 2119 Message: 2194

Thanks Yussi. Maybe we can use the same from Norway + 10.131
Finn/LA7UM
--- In V4Protocol@yahoogroups.com, Yussuf <yufenau@...> wrote:
>
> Here in "OH" (Finland, Eu) we use 3590, but only weekends some high
> activity.
> Also 7045 is in use, but but ocal daitme and most only weekends, too.
> 73 "Yussi" OH7TE
>
> 2011/9/25 charles standlee <ac5pw10@...>
>
> > **
> >
> >
> > most of sstv used to hang out on 3857 and 3845 I haven't been there in a
> > long time though.
> >
> > 73, Chuck AC5PW
> > *From:* Bill Noyce <WBNoyce@...>
> > *To:* V4Protocol@yahoogroups.com
> > *Sent:* Saturday, September 24, 2011 6:57 PM
> > *Subject:* [V4Protocol] Re: 80 METER FREQUENCY
> >
> >
> > Is there a typo here? 3.856 is not legal for digital operation in the
> > US. Did you mean 3.586?
> > -- Bill, AB1AV
> >
> > --- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@> wrote:
> > >
> > > try 3.856 +/-. you got QRM to play with. 73 Ed WD9DVA
> > > ----- Original Message -----
> > > From: POB
> > > To: V4Protocol@yahoogroups.com
> > > Sent: Friday, September 23, 2011 22:00
> > > Subject: [V4Protocol] 80 METER FREQUENCY
> > >
> > >
> > >
> > > Since 80 has been doing well in the evenings, what is the frequency that
> > ops are using for V4???
> > > Tnx
> > > POB/K8LEN
> > >
> >

> >
> >
> >
>
>
>
> --
> 73's OH7TE Yufenau
>

2195. Feedback

Yahoo group: V4Protocol
Date: 2011-09-26 09:36:51 UTC
From: Peter Zingsheim
Topic: 2195 Message: 2195

Hi Rick and folks,

just to let you know, as a newbie I am vy happy with 0.6.1.0. You did a great job so far. Keep on the good work! First three qsos from 33/-10 to 88/10. All I need now is more practice and fluency. I´ll be around, following what´s going on.

TNX and 73, Peter

2196. Question

Yahoo group: V4Protocol
Date: 2011-09-26 14:33:06 UTC
From: w3bi2
Topic: 2196 Message: 2196

Hi,

Sometime in the recent past I saw a blurb about entering the callsign in ARQ call and clicking on "connect" while a station is calling CQ. Was what I saw just wishful thinking or is it a reality...and how do you do it? I have tried entering the callsign in ARQ Call but that didn't work for me.

73,
Rick W3BI

2197. Re: Question

Yahoo group: V4Protocol
Date: 2011-09-26 14:45:53 UTC
From: la7um
Topic: 2196 Message: 2197

And what button did you press after the entering of the call sign?
Should be Call Callsign and not Call CQ. 73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "w3bi2" <w3bi.rick@...> wrote:
>
> Hi,
>
> Sometime in the recent past I saw a blurb about entering the callsign in ARQ call and clicking on "connect" while a station is calling CQ. Was what I saw just wishful thinking or is it a reality...and how do you do it? I have tried entering the callsign in ARQ Call but that didn't work for me.
>
> 73,
> Rick W3BI
>

2198. Re: Black Waterfall

Yahoo group: V4Protocol
Date: 2011-09-26 14:56:32 UTC
From: turi8712
Topic: 2171 Message: 2198

Hi Rick

thank you for your answer. I tried it with the Dummy load = no change, after the first CW-ID waterfall becomes black. I reduced also the power to 2 watts = no change.

Went to "seup" and unchecked "Idfentify with Morse Code" (switched off the CW ID). Without the CW ID the waterfall stays blue.
So it seems there is some bug in connection with the CW-ID.

Arthur HB9LAM

BTW: in RMS Express I do not have this problem with the CW-ID

--- In V4Protocol@yahoogroups.com, "Rick Westerfield" <r_lwesterfield@...> wrote:
>
> I'm thinking you are getting RF into your computer or soundcard that is
> knocking it out. What happens when you try a dummy load as an antenna? I
> will guess that this problem no longer occurs.
>
>
>
> Rick KH2DF
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of turi8712
> Sent: Sunday, September 25, 2011 5:32 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Black Waterfall
>
>
>
>
>
>
> XP / SP 3, Flex 5000 A, PSDR 2.1.5, V4 Chat 0.6.1.0, Latency below 200
>
> When starting the programm, the TNC Waterfall is light blue and moving.
> I can see traces of activities.
> After making the first ARQ-CQ Call the waterfall stays blue until the CW-ID
> is sent. Then the waterall changes to black and stays black during all
> following ARQ-CQ calls. When I restart the programm or go to setup and
> "upüdate" the settings (no changes), the waterfall starts again in blue and
> falls back to black after sending the CW-ID.
> I have made contacts and exchanged messages with the "black" waterfall. Do I
> something wrong or is it a (cosmetic) bug?

>
> Arthur HB9LAM
>

2199. Re: [V4Protocol] Question

Yahoo group: V4Protocol
Date: 2011-09-26 15:34:13 UTC
From: Rick Muething
Topic: 2196 Message: 2199

Rick,

You call the other station AFTER it has finished calling CQ. Use the ARQ Call item it pops up the call sub menu fill in the call sign and click Call. Its all described in the help under typical ARQ session.

Rick KN6KB

From: w3bi2
Sent: Monday, September 26, 2011 10:33 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Question

Hi,

Sometime in the recent past I saw a blurb about entering the callsign in ARQ call and clicking on "connect" while a station is calling CQ. Was what I saw just wishful thinking or is it a reality...and how do you do it? I have tried entering the callsign in ARQ Call but that didn't work for me.

73,
Rick W3BI

2200. Re: 80 METER FREQUENCY

Yahoo group: V4Protocol
Date: 2011-09-26 16:01:22 UTC
From: Juhani
Topic: 2119 Message: 2200

FB Finn,

Look OH stations weekends daytime abt 09 ...14 UTC 7045 and after 14 UTC and evenings 3590.
We test also WM and RFSM on same frequencies (Testing good protocol for Finnish Emergency system "TURVA").
Also most evenings mni OH's QRV ALE400 and PSK mail test traffic on3590 (sometimes 3595) after and around 19 UTC.

73 "yussi" OH7TE

--- In V4Protocol@...m, "la7um" <la7um@...> wrote:
>
> Thanks Yussi. Maybe we can use the same from Norway + 10.131
> Finn/LA7UM
> --- In V4Protocol@yahoogroups.com, Yussuf <yufenau@> wrote:
> >
> > Here in "OH" (Finland, Eu) we use 3590, but only weekends some high
> > activity.
> > Also 7045 is in use, but but ocal daitme and most only weekends, too.
> > 73 "Yussi" OH7TE
> >
> > 2011/9/25 charles standlee <ac5pw10@>
> >
> > > **
> > >
> > >
> > > most of sstv used to hang out on 3857 and 3845 I haven't been there in a
> > > long time though.
> > >
> > > 73, Chuck AC5PW
> > > *From:* Bill Noyce <WBNoyce@>
> > > *To:* V4Protocol@yahoogroups.com
> > > *Sent:* Saturday, September 24, 2011 6:57 PM
> > > *Subject:* [V4Protocol] Re: 80 METER FREQUENCY
> > >
> > >
> > > Is there a typo here? 3.856 is not legal for digital operation in the
> > > US. Did you mean 3.586?
> > > -- Bill, AB1AV
> > >
> > > --- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@> wrote:
> > > >
> > > > try 3.856 +/-. you got QRM to play with. 73 Ed WD9DVA
> > > > ----- Original Message -----
> > > > From: POB
> > > > To: V4Protocol@yahoogroups.com

> > > > Sent: Friday, September 23, 2011 22:00
> > > > Subject: [V4Protocol] 80 METER FREQUENCY
> > > >
> > > >
> > > >
> > > > Since 80 has been doing well in the evenings, what is the frequency that
> > > ops are using for V4???
> > > > Tnx
> > > > POB/K8LEN
> > > >
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> > >
> > >
> > >
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> >
> > --
> > 73's OH7TE Yufenau
> >
>

2201. Re: [V4Protocol] V4Chat 0.6.1.3 Test.zip

Yahoo group: V4Protocol
Date: 2011-09-26 16:43:19 UTC
From: Rick Muething
Topic: 2187 Message: 2201

Russ,
That can happen if one of two things occurs:
1) Another program is running and using the requested port. (if so you can re assign the port used by V4 in the setup)
2) There is still a stub of the V4 TNC running. Task manager will show it in the processes and can kill it. Rebooting will also kill any left stubs. Normally this is only due to a program failure that failed to properly shut down the V4 TNC.

Rick KN6KB

2202. Re: [V4Protocol] TS-480 Problem

Yahoo group: V4Protocol
Date: 2011-09-26 16:53:05 UTC
From: Rick Muething
Topic: 43 Message: 2202

Stephen,

The internal sound card will work but if you are serious and want to get past the experimentation phase you will get a dedicated soundcard and interface for sound card modes. Believe me I have heard too many “Windows sounds” on the airwaves from users that felt sure they could use the built in sound card.

I have a TS 480 and on my rig using serial control on 9600 baud and K480-Aux keying I get about 60 ms latency. The sound card should not be a factor since it should be running during transmission. You must have some background noise and the receive drive level correctly set to make a valid latency measurement....It is the recovery time to and recognition of that background noise that is measured.

Rick KN6KB

2203. Re: Question

Yahoo group: V4Protocol
Date: 2011-09-26 18:12:02 UTC
From: w3bi2
Topic: 2196 Message: 2203

Rick,

Yes, indeed, that's the way I have been doing it, but thought it would be neat to be able to connect while the other station was calling CQ. But....that might bring up some cans of worms. (plural)
Just thought I remembered seeing that.
Thanks for the info....
Neat program and I'm having lotsa fun with it.

73,
Rick W3BI

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Rick,
>
> You call the other station AFTER it has finished calling CQ. Use the ARQ Call item it pops up the call sub menu fill in the call sign and click Call. Its all described in the help under typical ARQ session.
>
> Rick KN6KB
>
>
> From: w3bi2
> Sent: Monday, September 26, 2011 10:33 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Question
>
>
> Hi,
>
> Sometime in the recent past I saw a blurb about entering the callsign in ARQ call and clicking on "connect" while a station is calling CQ. Was what I saw just wishful thinking or is it a reality...and how do you do it? I have tried entering the callsign in ARQ Call but that didn't work for me.
>
> 73,
> Rick W3BI
>

2204. Yaesu FT2000

Yahoo group: V4Protocol
Date: 2011-09-26 19:10:47 UTC
From: Peter
Topic: 2204 Message: 2204

Rick,

Had two good qsos with 0.6.1.3 today despite some disruption by very unstable propagation.

The CAT on my FT2000 started to work again today - it had worked briefly when I first installed the 0.6 version but has not worked since. I happened to click on a call in the log pane and saw:

***Freq Changed:14073KHz Dial appear in the Transmit window.

I clicked several more times in the waterfall and the changes were registered in the box beneath the waterfall and on the transceiver dial. The rig CAT light also blinked on each click.

On closing and restarting V4 the CAT did not work until I clicked again on a log book entry. I have repeated this process several times and so far it has worked each time.

I know nothing about programming but could the serial data settings affect the cat operation? The operators handbook for the FT1000MP MK-V is most specific. It states:

4800bits/sec, 1 start bit, 8 data bits, no parity and 2 stop bits.

For the FT2000 it is anyone's guess as CAT control is not mentioned in the operators handbook although there is a menu option to set the Baud rate. I use the Mark-V data settings with my FT2000 and these work OK with a RigExpert Standard or a home-made interface using COM1 on a Windows XP machine.

The CAT control for other programs that I use like MixW and DxLab require you to enter all of the serial data when setting up. Maybe this is taken care of in your software. As I said I know nothing about programming but thought I would mention it.

V4 continues to head in the right direction so keep up the good work Rick.

73 Peter G3JFS

2205. FT2000 CAT

Yahoo group: V4Protocol
Date: 2011-09-26 19:21:44 UTC
From: Peter
Topic: 2205 Message: 2205

Rick,

I forgot to mention that altering the tuning on the FT2000 has no effect on the V4 display.

73, Peter G3JFS

2206. Re: Black Waterfall

Yahoo group: V4Protocol
Date: 2011-09-26 19:40:51 UTC
From: turi8712
Topic: 2171 Message: 2206

When I change Bands, the same thing happens too, i.e. waterfall becoms and stays black.

Arthur HB9LAM

--- In V4Protocol@yahoogroups.com, "turi8712" <turich@...> wrote:
>
> XP / SP 3, Flex 5000 A, PSDR 2.1.5, V4 Chat 0.6.1.0, Latency below 200
>
> When starting the programm, the TNC Waterfall is light blue and moving.
> I can see traces of activities.
> After making the first ARQ-CQ Call the waterfall stays blue until the CW-ID is sent. Then the waterall changes to black and stays black during all following ARQ-CQ calls. When I restart the programm or go to setup and "upüdate" the settings (no changes), the waterfall starts again in blue and falls back to black after sending the CW-ID.
> I have made contacts and exchanged messages with the "black" waterfall. Do I something wrong or is it a (cosmetic) bug?
>
> Arthur HB9LAM
>

2207. Re: [V4Protocol] Re: Question

Yahoo group: V4Protocol
Date: 2011-09-26 20:45:40 UTC
From: Rick Muething
Topic: 2196 Message: 2207

Rick,
In an ARQ system you can’t have two stations being the Sending station (ISS) it just doesn’t work. When someone is calling CQ they are making a call to a fictitious station “CQ” and that is shown to others so they know they who is calling and that they will accept calls from anyone. ..If you tried to call to them during their call you would have two ISS stations on the same frequency at the same time and it just won’t work. Its EXACTLY like when some calls CQ via SSB or non break in CW. You can’t call them while they are transmitting....since they aren’t listening! If however you KNOW the station is on frequency and listening you can always call them directly (no CQ needed) .... The CQ in V4 means just what it means in any other mode. “I am willing to talk to anyone that replies”. The same restrictions applies to Pactor or other ARQ modes

Rick KN6KB

From: w3bi2
Sent: Monday, September 26, 2011 2:12 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Question

Rick,

Yes, indeed, that's the way I have been doing it, but thought it would be neat to be able to connect while the other station was calling CQ. But....that might bring up some cans of worms. (plural)
Just thought I remembered seeing that.
Thanks for the info....
Neat program and I'm having lotsa fun with it.

2208. Re: Black Waterfall

Yahoo group: V4Protocol
Date: 2011-09-26 23:02:41 UTC
From: la7um
Topic: 2171 Message: 2208

Arthur. I answered some arq calls from you earlier today. It seems that you dont get my bursts due to some latency or vox delay, OR some RFI. But ur signals sounded very nice!!!, so I don't belive in RFI.

I belive more in switch over trouble not getting the leader of my resondings.

73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "turi8712" <turich@...> wrote:
>
>
>
> When I change Bands, the same thing happens too, i.e. waterfall becoms and stays black.
>
> Arthur HB9LAM
>
> --- In V4Protocol@...m, "turi8712" <turich@> wrote:
> >
> > XP / SP 3, Flex 5000 A, PSDR 2.1.5, V4 Chat 0.6.1.0, Latency below 200
> >
> > When starting the programm, the TNC Waterfall is light blue and moving.
> > I can see traces of activities.
> > After making the first ARQ-CQ Call the waterfall stays blue until the CW-ID is sent. Then the waterall changes to black and stays black during all following ARQ-CQ calls. When I restart the programm or go to setup and "upüdate" the settings (no changes), the waterfall starts again in blue and falls back to black after sending the CW-ID.
> > I have made contacts and exchanged messages with the "black" waterfall. Do I something wrong or is it a (cosmetic) bug?
> >
> > Arthur HB9LAM
> >
>

2209. Re: 80 METER FREQUENCY

Yahoo group: V4Protocol
Date: 2011-09-26 23:17:24 UTC
From: la7um
Topic: 2119 Message: 2209

Good Yussi. Then we have somewhere to try. LA5VNA and I did some very nice agreed 60m links some days ago, but none of us knew where to go elsewere. Since you are doing LA3F-5 pretty good, I would assume that there might be some 80 or 40m possibilties....Exept that MY private qth has way much more noisy RX than LA3F-5.

73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>
>
> FB Finn,
>
> Look OH stations weekends daytime abt 09 ...14 UTC 7045 and after 14 UTC and evenings 3590.
> We test also WM and RFSM on same frequencies (Testing good protocol for Finnish Emergency system "TURVA").
> Also most evenings mni OH's QRV ALE400 and PSK mail test traffic on3590 (sometimes 3595) after and around 19 UTC.
>
> 73 "yussi" OH7TE
>
> --- In V4Protocol@yahoogroups.com, "la7um" <la7um@> wrote:
> >
> > Thanks Yussi. Maybe we can use the same from Norway + 10.131
> > Finn/LA7UM
> > --- In V4Protocol@yahoogroups.com, Yussuf <yufenau@> wrote:
> > >
> > > Here in "OH" (Finland, Eu) we use 3590, but only weekends some high
> > > activity.
> > > Also 7045 is in use, but but ocal daitme and most only weekends, too.
> > > 73 "Yussi" OH7TE
> > >
> > > 2011/9/25 charles standlee <ac5pw10@>
> > >
> > > > **
> > > >
> > > >
> > > > most of sstv used to hang out on 3857 and 3845 I haven't been there in a
> > > > long time though.
> > > >
> > > > 73, Chuck AC5PW
> > > > *From:* Bill Noyce <WBNoyce@>
> > > > *To:* V4Protocol@yahoogroups.com
> > > > *Sent:* Saturday, September 24, 2011 6:57 PM
> > > > *Subject:* [V4Protocol] Re: 80 METER FREQUENCY

> > > >
> > > >
> > > > Is there a typo here? 3.856 is not legal for digital operation in the
> > > > US. Did you mean 3.586?
> > > > -- Bill, AB1AV
> > > >
> > > > --- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@> wrote:
> > > > >
> > > > > try 3.856 +/-. you got QRM to play with. 73 Ed WD9DVA
> > > > > ----- Original Message -----
> > > > > From: POB
> > > > > To: V4Protocol@yahoogroups.com
> > > > > Sent: Friday, September 23, 2011 22:00
> > > > > Subject: [V4Protocol] 80 METER FREQUENCY
> > > > >
> > > > >
> > > > >
> > > > > Since 80 has been doing well in the evenings, what is the frequency that
> > > > ops are using for V4???
> > > > > Tnx
> > > > > POB/K8LEN
> > > > >
> > > >
> > > >
> > > >
> > > >
> > >
> > >
> > >
> > > --
> > > 73's OH7TE Yufenau
> > >
> >
>

2210. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-27 01:24:16 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2210

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.6.2.0.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.6.2.0 with V4 TNC, Help and revistion Histories

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.6.2.0.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2211. V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-27 01:36:41 UTC
From: kn6kb
Topic: 2211 Message: 2211

All,

I have made some changes to the Radio Readback in an attempt to fix the Yaesu read back or at least get some more info on it. The Yaesu radios are not responding as expected and described in the (minimal) Yaesu documentation. Frequency setting should be OK.

This has also been posted to auto update but if you have had a license problem with the IPWorks controls you will have to first download the file licenses.licx also posted on the Yahoo site. This files goes into the execution directory. You can also of course download the full install of 0.6.2.0 and do the normal uninstall/reinstall.

Please do not erase or delete your V4Chat.ini file. This has important information regarding registration. If you have made sufficient V4 ARQ QSOs to get your beta version registered be sure to write down the Registration key in a safe place. It is a hassle retrieving keys if they are lost. The key can always be read by viewing the Registration menu on the V4 TNC program.

If you have a Yaesu radio and have either success or failure with frequency read back on THIS revision please post a message indicating your results and your Yaesu Radio model. If you have a readback failure with one of the currently supported Yaesu models (see the revision history for those models) PLEASE send me the main V4Chat log (not the debug log). It contains some important info captured from the Yaesu Radios.

Remember when all else fails try reading the help...all updated.

Good luck,

Rick KN6KB

2212. AW: [V4Protocol] V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-27 03:58:21 UTC
From: Stefan, DL3ESM
Topic: 2211 Message: 2212

Rick,

in case of the Yaesu interfacing it might be helpful if you contact Simon, HB9DRV (the developer of HamRadioDeluxe/SDR-Consoleà simon(at)sdr-radio.com). He already did that job successfully; this maybe could save your nerves

73 and thanks for your hard work,

Stefan ☐ DL3ESM.

Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im Auftrag von kn6kb
Gesendet: Dienstag, 27. September 2011 03:37
An: V4Protocol@yahoogroups.com
Betreff: [V4Protocol] V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

All,

I have made some changes to the Radio Readback in an attempt to fix the Yaesu read back or at least get some more info on it. The Yaesu radios are not responding as expected and described in the (minimal) Yaesu documentation. Frequency setting should be OK.

2213. Re: [V4Protocol] V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-27 04:35:12 UTC
From: William Calderwood
Topic: 2211 Message: 2213

Rick -

Auto update worked on the second try. The first time the program up in version 0.6.1.3 after the restart. However on the second try after the program reported the undate was finished and that I needed to restart. I did restart and it came up 0.6.2.0. Success!

73,

Bill K1CT

From: kn6kb <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Monday, September 26, 2011 6:36 PM
Subject: [V4Protocol] V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

All,

I have made some changes to the Radio Readback in an attempt to fix the Yaesu read back or at least get some more info on it. The Yaesu radios are not responding as expected and described in the (minimal) Yaesu documentation. Frequency setting should be OK.

This has also been posted to auto update but if you have had a license problem with the IPWorks controls you will have to first download the file licenses.licx also posted on the Yahoo site. This files goes into the execution directory. You can also of course download the full install of 0.6.2.0 and do the normal uninstall/reinstall.

Please do not erase or delete your V4Chat.ini file. This has important information regarding registration. If you have made sufficient V4 ARQ QSOs to get your beta version registered be sure to write down the Registration key in a safe place. It is a hassle retrieving keys if they are lost. The key can always be read by viewing the Registration menu on the V4 TNC program.

If you have a Yaesu radio and have either success or failure with frequency read back on THIS revision please post a message indicating your results and your Yaesu Radio model. If you have a readback failure with one of the currently supported Yaesu models (see the revision history for those models) PLEASE send me the main V4Chat log (not the debug log). It contains some important info captured from the Yaesu Radios.

Remember when all else fails try reading the help...all updated.

Good luck,

Rick KN6KB

2214. AW: [V4Protocol] V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-27 07:59:05 UTC
From: Siegfried Jackstien
Topic: 2211 Message: 2214

```
Autoupdate worked on first try :-)
Fine job rick
Dg9bfc
Sigi
Ps how many arg qsos needed for autoregister?

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von kn6kb
> Gesendet: Dienstag, 27. September 2011 01:37
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP
>
>
>
> All,
>
> I have made some changes to the Radio Readback in an attempt to fix the
> Yaesu read back or at least get some more info on it. The Yaesu radios are
> not responding as expected and described in the (minimal) Yaesu
> documentation. Frequency setting should be OK.
>
> This has also been posted to auto update but if you have had a license
> problem with the IPWorks controls you will have to first download the file
> licenses.licx also posted on the Yahoo site. This files goes into the
> execution directory. You can also of course download the full install of
> 0.6.2.0 and do the normal uninstall/reinstall.
>
> Please do not erase or delete your V4Chat.ini file. This has important
> information regarding registration. If you have made sufficient V4 ARQ
> QSOs to get your beta version registered be sure to write down the
> Registration key in a safe place. It is a hassle retrieving keys if they
> are lost. The key can always be read by viewing the Registration menu on
> the V4 TNC program.
>
> If you have a Yaesu radio and have either success or failure with
> frequency read back on THIS revision please post a message indicating your
> results and your Yaesu Radio model. If you have a readback failure with
> one of the currently supported Yaesu models (see the revision history for
> those models) PLEASE send me the main V4Chat log (not the debug log). It
> contains some important info captured from the Yaesu Radios.
>
> Remember when all else fails try reading the help...all updated.
>
```

> Good luck,
>
> Rick KN6KB
>
>
>
>

2215. RE: [V4Protocol] V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-27 09:40:47 UTC
From: G4AIU
Topic: 2211 Message: 2215

Rick,

The new version auto updated as expected on both my Yaesu FT-847 and FT-857D without and problems.

On first start-up the FT-847 waterfall CF frequency now reads 1500Hz - vice 1523Hz on previous versions. All other frequencies in the mini log now read (plus) +1500Hz.

The rig-to-software facility does not work on either of my Yaesu rigs.

73 de Eugene / G4AIU

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kn6kb
Sent: 27 September 2011 02:37
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

All,

ore info on it. The Yaesu radios are not responding as expected and described in the (minimal) Yaesu documentation. Frequency setting should be OK.

This has also been posted to auto update but if you have had a license problem with the IPWorks controls you will have to first download the file licenses.licx also posted on the Yahoo site. This files goes into the execution directory. You can also of course download the full install of 0.6.2.0 and do the normal uninstall/reinstall.

Please do not erase or delete your V4Chat.ini file. This has important information regarding registration. If you have made sufficient V4 ARQ QSOs to get your beta version registered be sure to write down the Registration key in a safe place. It is a hassle retrieving keys if they are lost. The key can always be read by viewing the Registration menu on the V4 TNC program.

If you have a Yaesu radio and have either success or failure with frequency read back on THIS revision please post a message indicating your results and your Yaesu Radio model. If you have a readback failure with one of the currently supported Yaesu models (see the revision history for those models) PLEASE send me the main V4Chat log (not the debug log). It contains some important info captured from the Yaesu Radios.

Remember when all else fails try reading the help...all updated.

Good luck,

Rick KN6KB

2216. Re: V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-27 12:54:25 UTC
From: Peter
Topic: 2211 Message: 2216

Rick,

Auto update of 0.6.2.0 worked fine on first switch on today.

FT2000 CAT is still working as reported in my previous posts:

1. I have to click on a log entry to start the CAT working.
2. On clicking in the waterfall frequency changes are registered on the waterfall display and the transceiver. The CAT light blinks(as it should).
3. FT2000 vfo tuning control changes are not registered on the display.
4. FT2000 operating mode is changed from PKT to SSB.

Peter, G3JFS

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>
> I have made some changes to the Radio Readback in an attempt to fix the Yaesu read back or at least get some more info on it. The Yaesu radios are not responding as expected and described in the (minimal) Yaesu documentation. Frequency setting should be OK.
>
> This has also been posted to auto update but if you have had a license problem with the IPWorks controls you will have to first download the file licenses.licx also posted on the Yahoo site. This files goes into the execution directory. You can also of course download the full install of 0.6.2.0 and do the normal uninstall/reinstall.
>
> Please do not erase or delete your V4Chat.ini file. This has important information regarding registration. If you have made sufficient V4 ARQ QSOs to get your beta version registered be sure to write down the Registration key in a safe place. It is a hassle retrieving keys if they are lost. The key can always be read by viewing the Registration menu on the V4 TNC program.
>
> If you have a Yaesu radio and have either success or failure with frequency read back on THIS revision please post a message indicating your results and your Yaesu Radio model. If you have a readback failure with one of the currently supported Yaesu models (see the revision history for those models) PLEASE send me the main V4Chat log (not the debug log). It contains some important info captured from the Yaesu Radios.
>
> Remember when all else fails try reading the help...all updated.
>
> Good luck,
>
>
> Rick KN6KB
>

2217. Re: [V4Protocol] V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-27 13:02:57 UTC
From: Jack Swift
Topic: 2211 Message: 2217

autoupdate didn't work, but i was on 0.6.1.0....
the autoupdate exception logs showed the license error (i hadn't seen
a popup warning me).
i downloaded the full version and am happy as a clam...

On Mon, Sep 26, 2011 at 9:36 PM, kn6kb <rmuething@...> wrote:
> This has also been posted to auto update but if you have had a license problem with the IPWorks controls you will have to first download the file licenses.licx also posted on the Yahoo site. This files goes into the execution directory. You can also of course download the full install of 0.6.2.0 and do the normal uninstall/reinstall.
>

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-281-5300
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

2218. Re: V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-27 13:34:33 UTC
From: la7um
Topic: 2211 Message: 2218

Auto updated worked first try today. As usual I asked Yes to a question from the firewall allowing for V4 passing through. Working weak signals during update. Extreme weak and qsb signals to OE6ZH.

Good old amtor qso feeling. Getting better and better.
Finn. LA7UM

--- In V4Protocol@yahoogroups.com, Jack Swift <n8wavjack@...> wrote:
>
> autoupdate didn't work, but i was on 0.6.1.0....
> the autoupdate exception logs showed the license error (i hadn't seen
> a popup warning me).
> i downloaded the full version and am happy as a clam...
>
> On Mon, Sep 26, 2011 at 9:36 PM, kn6kb <rmuething@...> wrote:
> > This has also been posted to auto update but if you have had a license problem with the IPWorks controls you will have to first download the file licenses.licx also posted on the Yahoo site. This files goes into the execution directory. You can also of course download the full install of 0.6.2.0 and do the normal uninstall/reinstall.
> >
>
> --
> vvvvvvvvvvvvvvvvvvvvvvv
> Jack Swift, N8WAV
> Houghton County ARES/RACES EC/RO
> 105 E. Douglass Ave.
> Houghton, MI 49931
> 906-281-5300
> ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
>

2219. no autoupdate

Yahoo group: V4Protocol
Date: 2011-09-27 13:43:38 UTC
From: ron_werthman@yahoo.ca
Topic: 2219 Message: 2219

My ver 0.6.1.0 will not update, see log below.

When I enter the files.txt ulr into browser is asks for user/password

V4Chat_Autoupdate20110927
==========
2011/09/27 13:30:08 [FetchUpdateFilesHTTP] HTTP.Get:
http://autoupdate.winlink.org:8776/Autoupdate/Files.txt
2011/09/27 13:30:08 [FetchUpdateFilesHTTP] lstFileNames is empty

Ron, VA3ACZ

2220. Re: V4Chat 0.6.1.3 Test.zip

Yahoo group: V4Protocol
Date: 2011-09-27 13:49:59 UTC
From: k1dow_4
Topic: 2187 Message: 2220

Rick,

Thanks for your explanation. I'm quite certain it was case #2 as I had been experimenting with V4 and had restarted it several times. A clean reboot of the computer solved the problem.

73/Russ
K1DOW

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Russ,
> That can happen if one of two things occurs:
> 1) Another program is running and using the requested port. (if so you can re assign the port used by V4 in the setup)
> 2) There is still a stub of the V4 TNC running. Task manager will show it in the processes and can kill it. Rebooting will also kill any left stubs. Normally this is only due to a program failure that failed to properly shut down the V4 TNC.
>
> Rick KN6KB
>

2221. Re: [V4Protocol] no autoupdate

Yahoo group: V4Protocol
Date: 2011-09-27 13:55:21 UTC
From: Rick Muething
Topic: 2219 Message: 2221

Ron,

You cannot do an auto update manually ...the files are password protected by design.
I posted the solution to this several times:
1) If you are using 0.6.1.0 and it doesn't auto update download the license.licx file on the FTP and replace the one in your Execution directory. Autoupdate will then work IF You have the required port open.
OR
Forget 1) above and simply download the new install. and Uninistall/reinstall as in the past. Auto update will then work in the future IF you have the required port open.

I can't make it any clearer than that.

Rick KN6KB

From: ron_werthman@...
Sent: Tuesday, September 27, 2011 9:43 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] no autoupdate

My ver 0.6.1.0 will not update, see log below.

When I enter the files.txt ulr into browser is asks for user/password

V4Chat_Autoupdate20110927
==========
2011/09/27 13:30:08 [FetchUpdateFilesHTTP] HTTP.Get:
http://autoupdate.winlink.org:8776/Autoupdate/Files.txt
2011/09/27 13:30:08 [FetchUpdateFilesHTTP] lstFileNames is empty

Ron, VA3ACZ

2222. V4 Registration -- Callsign: Key: MISSING CALLSIGN

Yahoo group: V4Protocol
Date: 2011-09-27 14:22:21 UTC
From: Peter Zingsheim
Topic: 2222 Message: 2222

Hi,
pse enlighten me:

On restarting V4Chat I got a pop-up window with the following info, among others:

V4 Registration -- Callsign: Key: MISSING CALLSIGN

This tried to send an e-mail, assuming Outlook Express being my default mailer (which is not, for good reasons),
to some mail address (not sure if it is to be disclosed here),
with a subject line reading: "Auto Beta V4 Registration for:"
and in the message body: V4 Registration -- Callsign: Key: MISSING CALLSIGN

Ok, so I copied all the above into the appropriate places and sent it away from my mail client. It did not bounce.

No idea what I should have done. Nor what I should expect, now.

All very cryptic. I may have overlooked, where the process is described. If so, sorry.

Tnx fr your patience,

Peter

2223. Re: [V4Protocol] no autoupdate

Yahoo group: V4Protocol
Date: 2011-09-27 14:30:12 UTC
From: Ron Werthman
Topic: 2219 Message: 2223

I have replaced the license file so the "Could not find a valid license for using IP*Works! V8 on this system" error is no longer in the log and given v4 full access through the firewall. I will update manually next.

From: Rick Muething <rmuething@....com>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 27, 2011 9:55:21 AM
Subject: Re: [V4Protocol] no autoupdate

Ron,

You cannot do an auto update manually ...the files are password protected by design.
I posted the solution to this several times:
1) If you are using 0.6.1.0 and it doesn't auto update download the license.licx file on the FTP and replace the one in your Execution directory. Autoupdate will then work IF You have the required port open.
OR
Forget 1) above and simply download the new install. and Uninistall/reinstall as in the past. Auto update will then work in the future IF you have the required port open.

I can't make it any clearer than that.

Rick KN6KB

From: ron_werthman@...
Sent: Tuesday, September 27, 2011 9:43 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] no autoupdate

My ver 0.6.1.0 will not update, see log below.

When I enter the
files.txt ulr into browser is asks for
user/password

V4Chat_Autoupdate20110927
==========
2011/09/27
13:30:08 [FetchUpdateFilesHTTP] HTTP.Get:
http://autoupdate.winlink.org:8776/Autoupdate/Files.txt
2011/09/27
13:30:08 [FetchUpdateFilesHTTP] lstFileNames is empty

Ron,
VA3ACZ

2224. Re: [V4Protocol] V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-27 14:30:28 UTC
From: Pete Ferrand
Topic: 2211 Message: 2224

Autoupdate worked great here to 0.6.2.0....Win7 32 bit Ultimate. Cool to see the in-progress messages a few minutes after starting the program this morning.

Rig control still not working with my Yaesu FT-450 at 19200, tried with and without the rts/dtr.

Thanks.

-Pete
WB2QLL
Somers, WI

2225. Re: [V4Protocol] V4 Registration -- Callsign: Key: MISSING CALLSIGN

Yahoo group: V4Protocol
Date: 2011-09-27 14:33:45 UTC
From: Ron Werthman
Topic: 2222 Message: 2225

I have the same problem. After restarting v4 the popup goes away but the ini file contains the line "Registration=MISSING CALLSIGN"

From: Peter Zingsheim <oe6zh@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 27, 2011 10:22:21 AM
Subject: [V4Protocol] V4 Registration -- Callsign: Key: MISSING CALLSIGN

Hi,
pse enlighten me:

On restarting V4Chat I got a pop-up window with the following info, among others:

V4 Registration -- Callsign: Key: MISSING CALLSIGN

This tried to send an e-mail, assuming Outlook Express being my default mailer (which is not, for good reasons),
to some mail address (not sure if it is to be disclosed here),
with a subject line reading: "Auto Beta V4 Registration for:"
and in the message body: V4 Registration -- Callsign: Key: MISSING CALLSIGN

Ok, so I copied all the above into the appropriate places and sent it away from my mail client. It did not bounce.

No idea what I should have done. Nor what I should expect, now.

All very cryptic. I may have overlooked, where the process is described. If so, sorry.

Tnx fr your patience,

Peter

2226. Re: [V4Protocol] V4 Registration -- Callsign: Key: MISSING CALLSIGN

Yahoo group: V4Protocol
Date: 2011-09-27 14:34:57 UTC
From: Rick Muething
Topic: 2222 Message: 2226

I can’t help if you don’t tell me the revision number of the program you are running.

Rick KN6KB

2227. Re: V4 Registration -- Callsign: Key: MISSING CALLSIGN

Yahoo group: V4Protocol
Date: 2011-09-27 14:38:54 UTC
From: Peter Zingsheim
Topic: 2222 Message: 2227

Tnx Rick,
and sorry to cause extra work. I run 0.6.2.0 (I updated manually from 0.6.1.0, due to a rather inflexible proprietary firewall)
73, Peter

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
>
> I canâ□□t help if you donâ□□t tell me the revision number of the program you are running.
>
> Rick KN6KB
>

2228. Re: [V4Protocol] V4 Registration -- Callsign: Key: MISSING CALLSIGN

Yahoo group: V4Protocol
Date: 2011-09-27 14:46:29 UTC
From: Ron Werthman
Topic: 2222 Message: 2228

Got the popup error with 0.6.1.0, had to update manually to 0.6.2.0 ini file still contains "Registration=MISSING CALLSIGN" but seems to work OK (no popup for registration)

From: Rick Muething <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 27, 2011 10:34:57 AM
Subject: Re: [V4Protocol] V4 Registration -- Callsign: Key: MISSING CALLSIGN

I can’t help if you don’t tell me the revision
number of the program you are running.

Rick KN6KB

2229. RE: [V4Protocol] TS-480 Problem

Yahoo group: V4Protocol
Date: 2011-09-27 14:54:36 UTC
From: Stephen West-Fisher
Topic: 43 Message: 2229

Looks like I have come up with a configuration that works, even if it doesn't make sense to me.

If I use VOX with the delay set to off, I get latency measurements between 175ms-230ms.

Why this would be better than direct PTT control I don't understand.

--

Stephen West-Fisher

N4IK

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@...m] On Behalf Of Rick Muething
Sent: Monday, September 26, 2011 12:53 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] TS-480 Problem

Stephen,

The internal sound card will work but if you are serious and want to get past the experimentation phase you will get a dedicated soundcard and interface for sound card modes. Believe me I have heard too many "Windows sounds" on the airwaves from users that felt sure they could use the built in sound card.

I have a TS 480 and on my rig using serial control on 9600 baud and K480-Aux keying I get about 60 ms latency. The sound card should not be a factor since it should be running during transmission. You must have some background noise and the receive drive level correctly set to make a valid latency measurement....It is the recovery time to and recognition of that background noise that is measured.

Rick KN6KB

2230. Re: [V4Protocol] V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-27 14:26:35 UTC
From: Ian Wade G3NRW
Topic: 2211 Message: 2230

Rick

On September 23 you sent version 0.6.2.0 to Ron (NY3J) and me for evaluation, and the next day I replied to you with details of a number of bugs.

Question: Is the 0.6.2.0 that you have now announced in this thread for general consumption exactly the same as the 0.6.2.0 that you sent to Ron and me on the 23rd?

If not, should I uninstall my 0.6.2.0 and download your publicly announced 0.6.2.0?

Or should I let my 0.6.2.0 (try to) auto-update anyway?

--
73
Ian, G3NRW

2231. Re: [V4Protocol] V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-27 16:23:56 UTC
From: Rick Muething
Topic: 2211 Message: 2231

What was sent to you on Sept 23 was Version 0.6.1.1 I always publish new updates on auto update with a 0 in the last digit. All new updates are always higher than any previous version. Many users are sloppy when it comes to saying what their version is. 0.6.1.1 is completely different than 0.6.2.0 . There is no version 6 etc. For auto update to work it REQUIRES careful control of revision numbers. The latest version is 0.6.2.0 and that is on the web site and posted on auto update.

Rick KN6KB

From: Ian Wade G3NRW
Sent: Tuesday, September 27, 2011 10:26 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

Rick

On September 23 you sent version 0.6.2.0 to Ron (NY3J) and me for evaluation, and the next day I replied to you with details of a number of bugs.

Question: Is the 0.6.2.0 that you have now announced in this thread for general consumption exactly the same as the 0.6.2.0 that you sent to Ron and me on the 23rd?

If not, should I uninstall my 0.6.2.0 and download your publicly announced 0.6.2.0?

Or should I let my 0.6.2.0 (try to) auto-update anyway?

--
73
Ian, G3NRW

2232. Re: [V4Protocol] TS-480 Problem

Yahoo group: V4Protocol
Date: 2011-09-27 16:27:40 UTC
From: Rick Muething
Topic: 43 Message: 2232

Stephen,
Two things:
1) It doesn't matter if the latency is 250 ms or 1 ms... Lower is not better it just has to be < 250 to be reliable.
2) Direct PTT keying does work for the 480. I have a 480 and I just yesterday re verified it keys using direct PTT and the K480-aux or K480-mic keying. If it doesn't work for you there is something wrong in your setup...The software is the same.

Rick KN6KB

From: Stephen West-Fisher
Sent: Tuesday, September 27, 2011 10:54 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] TS-480 Problem

Looks like I have come up with a configuration that works, even if it doesn't make sense to me.

If I use VOX with the delay set to off, I get latency measurements between 175ms-230ms.

Why this would be better than direct PTT control I don't understand.

--

Stephen West-Fisher

N4IK

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Monday, September 26, 2011 12:53 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] TS-480 Problem

Stephen,

The internal sound card will work but if you are serious and want to get past the experimentation phase you will get a dedicated soundcard and interface for sound card modes. Believe me I have heard too many "Windows sounds" on the airwaves from users that felt sure they could use the built in sound card.

I have a TS 480 and on my rig using serial control on 9600 baud and K480-Aux keying I get about 60 ms latency. The sound card should not be a factor since it should be running during transmission. You must have some background noise and the receive drive level correctly set to make a valid latency measurement....It is the recovery time to and recognition of that background noise that is measured.

Rick KN6KB

2233. Re: [V4Protocol] V4 Registration -- Callsign: Key: MISSING CALLSIGN

Yahoo group: V4Protocol
Date: 2011-09-27 16:29:03 UTC
From: Rick Muething
Topic: 2222 Message: 2233

PLEASE send me your V4 TNC.ini file....NOT the V4Chat.ini file.

Rick KN6KB

From: Ron Werthman
Sent: Tuesday, September 27, 2011 10:46 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 Registration -- Callsign: Key: MISSING CALLSIGN

Got the popup error with 0.6.1.0, had to update manually to 0.6.2.0 ini file still contains "Registration=MISSING CALLSIGN" but seems to work OK (no popup for registration)

From: Rick Muething <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 27, 2011 10:34:57 AM
Subject: Re: [V4Protocol] V4 Registration -- Callsign: Key: MISSING CALLSIGN

I can’t help if you don’t tell me the revision number of the program you are running.

Rick KN6KB

2234. Re: V4 Registration -- Callsign: Key: MISSING CALLSIGN

Yahoo group: V4Protocol
Date: 2011-09-27 16:34:13 UTC
From: Peter Zingsheim
Topic: 2222 Message: 2234

Tnx Rick, here it is:

```
[V4 TNC Form]
Top=460
Left=103
SC Cal offset=544932
Squelch=5
Filter=True
Registration Email Sent=True
Registration=MISSING CALLSIGN
```

73, Peter

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> PLEASE send me your V4 TNC.ini file....NOT the V4Chat.ini file.
>
> Rick KN6KB
>
>
> From: Ron Werthman
> Sent: Tuesday, September 27, 2011 10:46 AM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] V4 Registration -- Callsign: Key: MISSING CALLSIGN
>
>
>
> Got the popup error with 0.6.1.0, had to update manually to 0.6.2.0 ini file still contains "Registration=MISSING CALLSIGN" but seems to work OK (no popup for registration)
>
>
>
>
> ---
> From: Rick Muething <rmuething@...>
> To: V4Protocol@yahoogroups.com
> Sent: Tuesday, September 27, 2011 10:34:57 AM
> Subject: Re: [V4Protocol] V4 Registration -- Callsign: Key: MISSING CALLSIGN
>
>
>
>
> I canâ☐☐t help if you donâ☐☐t tell me the revision number of the program you are running.
>
> Rick KN6KB

>

2235. Re: [V4Protocol] V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-27 17:14:10 UTC
From: Ian Wade G3NRW
Topic: 2211 Message: 2235

___Original Message_____________________________________
From: Rick Muething <rmuething@...>
Date: Tue, 27 Sep 2011 Time: 12:23:56

>What was sent to you on Sept 23 was Version 0.6.1.1

So you did. What confused me was that in that email with 0.6.1.1
attached you mentioned 0.6.2.0 in the Subject line!

I will now auto-upgrade to 0.6.2.0 and see what happens.

--
73
Ian, G3NRW

2236. Re: [V4Protocol] V4Chat 0.6.2.0 Uploaded to Auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-09-27 17:24:17 UTC
From: David Boswell
Topic: 2211 Message: 2236

Auto update working fine here. Rig control, Freq. setting
and read-back 100% with Yaesu Ft-817.

Thanks for all your effort,
Dave N7VVX

On Mon, Sep 26, 2011 at 7:36 PM, kn6kb <rmuething@...> wrote:

> All,
>
> I have made some changes to the Radio Readback in an attempt to fix the
> Yaesu read back or at least get some more info on it. The Yaesu radios are
> not responding as expected and described in the (minimal) Yaesu
> documentation. Frequency setting should be OK.
>
> This has also been posted to auto update but if you have had a license
> problem with the IPWorks controls you will have to first download the file
> licenses.licx also posted on the Yahoo site. This files goes into the
> execution directory. You can also of course download the full install of
> 0.6.2.0 and do the normal uninstall/reinstall.
>
> Please do not erase or delete your V4Chat.ini file. This has important
> information regarding registration. If you have made sufficient V4 ARQ QSOs
> to get your beta version registered be sure to write down the Registration
> key in a safe place. It is a hassle retrieving keys if they are lost. The
> key can always be read by viewing the Registration menu on the V4 TNC
> program.
>
> If you have a Yaesu radio and have either success or failure with frequency
> read back on THIS revision please post a message indicating your results and
> your Yaesu Radio model. If you have a readback failure with one of the
> currently supported Yaesu models (see the revision history for those models)
> PLEASE send me the main V4Chat log (not the debug log). It contains some
> important info captured from the Yaesu Radios.
>
> Remember when all else fails try reading the help...all updated.
>
> Good luck,
>
>
> Rick KN6KB
>
>
>
>
>

> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

2237. Contact Needed

Yahoo group: V4Protocol
Date: 2011-09-27 18:22:00 UTC
From: w4wxa
Topic: 2237 Message: 2237

Hello all
I need a pal to work on 40.
Have not had a qso yet, and I really would like to try.
I am available most anytime. Listening now on 7073.5
If you will send me a phone number I would appreciate it.
My regular email is w4wxa at windstream dot net
Thanks and 73 de Tom, W4WXA

2238. 0.6.2.0 with TS-590S

Yahoo group: V4Protocol
Date: 2011-09-27 18:36:45 UTC
From: Ian Wade G3NRW
Topic: 2238 Message: 2238

Rick

I have just tried 0.6.2.0 with the TS-590S, and it's looking good! No problems with tuning, either from the VFO knob or from the waterfall. The waterfall center frequency is now displayed correctly.

However, there are just a few minor issues remaining:
~~~~~~
1. With 0.6.1.1 already installed, I started the program, and expected an auto-download of 0.6.2.0 ("Enable Auto Updates" is checked). Nothing happened. I then clicked on "Update", and auto-update apparently worked ("Restart V4 Chat to run new version"), but the title bars remained at 0.6.1.1. I then shut down and restarted, whereupon the title bars showed 0.6.2.0 correctly.

~~~~~~
2. During the update, no Registration message was produced, and no error messages appeared. Does that mean I am registered? It would be helpful to include a "Registered to <callsign>" message in the "About V4 Chat" window, then we know where we stand.

~~~~~~
3. Radio Initialization: I see that you force the user to VFO-A. Why not allow the user to choose which VFO to use, by selecting VFO-A or VFO-B on the radio before starting the program? You can then read the selected VFO with the "IF;" command (instead of "FA;"). This will help users who use the radio's VFO-B memories for digital frequencies. (This is how fldigi does it).

~~~~~~
4. Radio Initialization #2: You set VFO-A to simplex (with "FR0;"). That's fine, but you then set VFO-A to split (with "FT0;"). I don't understand the purpose of this.

~~~~~~
5. In the Radio Settings form for the TS-590S PTT Port, you offer the "K590-Mic" and "K590-Aux" options.

You should remove the "K590-Mic" option completely. This option sends "TX0;" to the radio, which has exactly the same effect as pressing the mic's PTT button -- the V4 signal will be accompanied by any coughs, sneezes, expletives and other noises picked up by the mic!

The only option you should offer K590 users here is marked "K590-Aux", which sends "TX1;" to the radio, and inhibits the mic. However, you should rename the option to include Kenwood's official designation, and call it: "K590-Data Send". The TS-590S does not have an Aux port.
~~~~~~

~~~~~~

Despite these minor points, the whole package is looking really good
now. Many thanks for all the effort you have put into it.

--
73
Ian, G3NRW
~~~~~~

2239. RE: [V4Protocol] TS-480 Problem

Yahoo group: V4Protocol
Date: 2011-09-27 18:46:13 UTC
From: Stephen West-Fisher
Topic: 43 Message: 2239

I understand that it works, just not in this case. Not much can be wrong with a shielded serial cable connected to the radio with parameters matching between computer and radio.

However, I am wondering if there is a problem with the serial port on the docking station, or some interference between the serial port and the sound card with this laptop.

Anyway, I have a configuration that should work now. I just wanted my resolution on the list in case someone else runs into the same problem.

--

Stephen West-Fisher

N4IK

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@...m] On Behalf Of Rick Muething
Sent: Tuesday, September 27, 2011 12:28 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] TS-480 Problem

Stephen,

Two things:

1) It doesn’t matter if the latency is 250 ms or 1 ms... Lower is not better it just has to be < 250 to be reliable.

2) Direct PTT keying does work for the 480. I have a 480 and I just yesterday re verified it keys using direct PTT and the K480-aux or K480-mic keying. If it doesn’t work for you there is something wrong in your setup...The software is the same.

Rick KN6KB

From: Stephen West-Fisher <mailto:steve@...>

Sent: Tuesday, September 27, 2011 10:54 AM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] TS-480 Problem

Looks like I have come up with a configuration that works, even if it doesn’t make sense to me.

If I use VOX with the delay set to off, I get latency measurements between 175ms-230ms.

Why this would be better than direct PTT control I don’t understand.

--

Stephen West-Fisher

N4IK

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Monday, September 26, 2011 12:53 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] TS-480 Problem

Stephen,

The internal sound card will work but if you are serious and want to get past the experimentation phase you will get a dedicated soundcard and interface for sound card modes. Believe me I have heard too many “Windows sounds” on the airwaves from users that felt sure they could use the built in sound card.

I have a TS 480 and on my rig using serial control on 9600 baud and K480-Aux keying I get about 60 ms latency. The sound card should not be a factor since it should be running during transmission. You must have some background noise and the receive drive level correctly set to make a valid latency measurement....It is the recovery time to and recognition of that background noise that is measured.

Rick KN6KB

2240. Re: [V4Protocol] 0.6.2.0 with TS-590S

Yahoo group: V4Protocol
Date: 2011-09-27 19:01:24 UTC
From: Rick Muething
Topic: 2238 Message: 2240

Ian,
There is a problem on the auto registration if you never saved your call sign to the V4TNC.ini file. I'll fix this with the next release which I am testing. It should correct any problems with blank call signs and reissue registration keys.

Re: "I then clicked on "Update" Where did you "click on update?" There is a check box in the V4 Setup that says Enable auto update. If that is NOT checked and SAVED to the ini file (update) it will never auto update. There are some out there that asked for that enable feature (I'm not sure why...it makes more work for everyone). It defaults to enabled so if it wasn't you must have selected to disable it.

When auto update occurs it says it was successful and then says "Restart to run the new version". The files have been updated but you are STILL RUNNING the version you started with. I have purposely not enabled auto restart (not too convenient if you're in the middle of a QSO!) so that requires you to shut down and then restart to execute the new version. The title bars read the old version because simply it IS still running the old version until it is restarted. All that is working normally as designed.

73,

Rick KN6KB

From: Ian Wade G3NRW
Sent: Tuesday, September 27, 2011 2:36 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] 0.6.2.0 with TS-590S

Rick

I have just tried 0.6.2.0 with the TS-590S, and it's looking good! No problems with tuning, either from the VFO knob or from the waterfall. The waterfall center frequency is now displayed correctly.

However, there are just a few minor issues remaining:
~~~~~~
1. With 0.6.1.1 already installed, I started the program, and expected an auto-download of 0.6.2.0 ("Enable Auto Updates" is checked). Nothing happened. I then clicked on "Update", and auto-update apparently worked ("Restart V4 Chat to run new version"), but the title bars remained at 0.6.1.1. I then shut down and restarted, whereupon the title bars showed 0.6.2.0 correctly.

~~~~~~
2. During the update, no Registration message was produced, and no error messages appeared. Does that mean I am registered? It would be helpful to include a "Registered to <callsign>" message in the "About V4 Chat" window, then we know where we stand.

~~~~~~

3. Radio Initialization: I see that you force the user to VFO-A. Why not allow the user to choose which VFO to use, by selecting VFO-A or VFO-B on the radio before starting the program? You can then read the selected VFO with the "IF;" command (instead of "FA;"). This will help users who use the radio's VFO-B memories for digital frequencies. (This is how fldigi does it).

~~~~~~

4. Radio Initialization #2: You set VFO-A to simplex (with "FR0;"). That's fine, but you then set VFO-A to split (with "FT0;"). I don't understand the purpose of this.

~~~~~~

5. In the Radio Settings form for the TS-590S PTT Port, you offer the "K590-Mic" and "K590-Aux" options.

You should remove the "K590-Mic" option completely. This option sends "TX0;" to the radio, which has exactly the same effect as pressing the mic's PTT button -- the V4 signal will be accompanied by any coughs, sneezes, expletives and other noises picked up by the mic!

The only option you should offer K590 users here is marked "K590-Aux", which sends "TX1;" to the radio, and inhibits the mic. However, you should rename the option to include Kenwood's official designation, and call it: "K590-Data Send". The TS-590S does not have an Aux port.

~~~~~~

Despite these minor points, the whole package is looking really good now. Many thanks for all the effort you have put into it.

--
73
Ian, G3NRW

2241. Re: [V4Protocol] 0.6.2.0 with TS-590S

Yahoo group: V4Protocol
Date: 2011-09-27 19:30:21 UTC
From: Ian Wade G3NRW
Topic: 2238 Message: 2241

___Original Message_____________________________________
From: Rick Muething <rmuething@...>
Date: Tue, 27 Sep 2011 Time: 15:01:24

>Ian,
>There is a problem on the auto registration if you never saved your
>call sign to the V4TNC.ini file.

I had entered my callsign into the V4 Chat setup box the first time I used the program, several versions ago, and it is used correctly when carrying out QSOs.

However, V4TNC.ini contains:
~~~~~~
Registration Email Sent=True
Registration=MISSING CALLSIGN
~~~~~~

But the registration email was *not* sent, because at the time there was no email client set up on the machine.

(I subsequently set up an email client, ready for V4 to send a registration message, but message came there none).

That is why I suggested that V4Chat contains a positive "registration successful" message.

>
>Re: “I then clicked on "Update" Where did you “click on update?”

I clicked the "Update " button on the V4Chat Setup window.

>There is a check box in the V4 Setup that says Enable auto update.

I checked this box several versions ago.

QUESTION: It seems that V4TNC.ini has got out of step somehow. Should I remove it and let V4 build a new one?

>
>When auto update occurs it says it was successful and then says
>“Restart to run the new version”.

That is exactly what happened, but only after I clicked the "Update" button. The program did not auto-update by itself (or maybe I didn't wait long enough?)

> The files have been updated but you are STILL RUNNING the version you
>started with. I have purposely not enabled auto restart (not too
>convenient if you’re in the middle of a QSO!) so that requires you
>to shut down and then restart to execute the new version. The title
>bars read the old version because simply it IS still running the old
>version until it is restarted. All that is working normally as designed.

Understood.

--
73
Ian, G3NRW

2242. Re: [V4Protocol] 0.6.2.0 with TS-590S

Yahoo group: V4Protocol
Date: 2011-09-27 19:45:23 UTC
From: Rick Muething
Topic: 2238 Message: 2242

Ian,

I cannot tell within the program whether you actually send the pre pared Email message. That is separate program like Outlook or whatever your default email handler is. The purpose of the email is simply a backup to the backup saved in the backup ini file to the backup piece of paper you are supposed to write down the registration key. I think that is enough.

The problem was with the call sign saved in the V4 TNC.ini file (or more correctly not saved). Remember these are separate programs each with their own ini file (because other developers use the V4 TNC.exe). This will all be corrected on the next release.

Rick KN6KB

From: Ian Wade G3NRW
Sent: Tuesday, September 27, 2011 3:30 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] 0.6.2.0 with TS-590S

___Original Message_____________________________________
From: Rick Muething <mailto:rmuething%40cfl.rr.com>
Date: Tue, 27 Sep 2011 Time: 15:01:24

>Ian,
>There is a problem on the auto registration if you never saved your
>call sign to the V4TNC.ini file.

I had entered my callsign into the V4 Chat setup box the first time I used the program, several versions ago, and it is used correctly when carrying out QSOs.

However, V4TNC.ini contains:
~~~~~~
Registration Email Sent=True
Registration=MISSING CALLSIGN
~~~~~~

But the registration email was *not* sent, because at the time there was no email client set up on the machine.

(I subsequently set up an email client, ready for V4 to send a registration message, but message came there none).

That is why I suggested that V4Chat contains a positive "registration successful" message.

>
>Re: “I then clicked on "Update" Where did you “click on update?”

I clicked the "Update " button on the V4Chat Setup window.

>There is a check box in the V4 Setup that says Enable auto update.

I checked this box several versions ago.

QUESTION: It seems that V4TNC.ini has got out of step somehow. Should I remove it and let V4 build a new one?

>
>When auto update occurs it says it was successful and then says
>“Restart to run the new version”.

That is exactly what happened, but only after I clicked the "Update" button. The program did not auto-update by itself (or maybe I didn't wait long enough?)

> The files have been updated but you are STILL RUNNING the version you
>started with. I have purposely not enabled auto restart (not too
>convenient if you’re in the middle of a QSO!) so that requires you
>to shut down and then restart to execute the new version. The title
>bars read the old version because simply it IS still running the old
>version until it is restarted. All that is working normally as designed.

Understood.

--
73
Ian, G3NRW

2243. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-27 20:58:35 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2243

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.6.3.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.6.3.0 Full install with V4TNC and revision histories

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.6.3.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2244. New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-09-27 21:03:40 UTC
From: kn6kb
Topic: 2244 Message: 2244

This version should fix problems with the auto registration mechanism. For it to work you must not delete or manually edit your V4TNC.ini file. When auto registration works remember to write down the key somewhere as a backup to the other backup mechanism employed. Tracking down your registration key is a time consuming process.

There is still a problems with receiver frequency read back on Yaesu. That will take a while to fix but all other aspects of radio control should work OK.

Remember for auto update to work you must:
1) Have auto update enabled in your V4 Chat setup.
2) Have internet access and have http port 8776 open in your router or firewall.
3) Be running version 0.6.0.0 or later.

Rick KN6KB

2245. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-09-27 21:06:55 UTC
From: charles standlee
Topic: 43 Message: 2245

auto update worked fine here..

73, Chuck AC5PW

From: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 27, 2011 3:58 PM
Subject: [V4Protocol] New file uploaded to V4Protocol

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.6.3.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.6.3.0 Full install with V4TNC and revision histories

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.6.3.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2246. Re: Contact Needed

Yahoo group: V4Protocol
Date: 2011-09-27 21:36:03 UTC
From: w4wxa
Topic: 2237 Message: 2246

Have had nice QSOs today with Roy, WA4BDS
and Kirk, K6KAR on 7073. Very fine, indeed. Thanks Rick!

--- In V4Protocol@yahoogroups.com, "w4wxa" <w4wxa@...> wrote:
>
> Hello all
> I need a pal to work on 40.
> Have not had a qso yet, and I really would like to try.
> I am available most anytime. Listening now on 7073.5
> If you will send me a phone number I would appreciate it.
> My regular email is w4wxa at windstream dot net
> Thanks and 73 de Tom, W4WXA
>

2247. Auto update and key code for two PC's

Yahoo group: V4Protocol
Date: 2011-09-27 21:49:57 UTC
From: Juhani
Topic: 2247 Message: 2247

Auto update works now fine. One question: I use two computers; one is this ACER desktop in home and 2nd W7 starter "HP mini 100e" (BTW: HP is vy ok by V4 etc digital programms!) because I need laptop in my holiday cottage in Lapland and no 230 VAC there, I have only solar cells.
So, I copied my registration key to laptop. I hope all is ok and also laptop will do update without any problems and 2nd registration key??
73 "Yussi" OH7TE

post scriptum: /IF/ I will use call OH7TE/P call there I need 2nd key anyway?

2248. Re: [V4Protocol] Auto update and key code for two PC's

Yahoo group: V4Protocol
Date: 2011-09-27 22:01:02 UTC
From: Rick Muething
Topic: 2247 Message: 2248

Yussi, All
The registration key and mechanism are keyed to a call sign. You can copy over the ini file or otherwise use the Registration form to register another instance or computer as long as it is the same call sign (or any –ssid of the same call sign). The auto registration will only work for one call sign.
Autoupdate has nothing to do with registration...it is just the mechanism used to update the program.

Rick KN6KB

From: Juhani
Sent: Tuesday, September 27, 2011 5:49 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Auto update and key code for two PC's

Auto update works now fine. One question: I use two computers; one is this ACER desktop in home and 2nd W7 starter "HP mini 100e" (BTW: HP is vy ok by V4 etc digital programms!) because I need laptop in my holiday cottage in Lapland and no 230 VAC there, I have only solar cells.
So, I copied my registration key to laptop. I hope all is ok and also laptop will do update without any problems and 2nd registration key??
73 "Yussi" OH7TE

post scriptum: /IF/ I will use call OH7TE/P call there I need 2nd key anyway?

2249. Re: [V4Protocol] New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-09-27 22:51:05 UTC
From: Ron Wenig
Topic: 2244 Message: 2249

Rick,

I have successfully auto updated from 0.6.2.0 to 0.6.3.0. I don't get prompted for registration but when I look at the V4TNC.INI file it says Registration=MISSING CALLSIGN. I am using Windows 7. I'll send you the file.

Ron ny3j

On 09/27/2011 05:03 PM, kn6kb wrote:
>
> This version should fix problems with the auto registration mechanism.
> For it to work you must not delete or manually edit your V4TNC.ini
> file. When auto registration works remember to write down the key
> somewhere as a backup to the other backup mechanism employed. Tracking
> down your registration key is a time consuming process.
>
> There is still a problems with receiver frequency read back on Yaesu.
> That will take a while to fix but all other aspects of radio control
> should work OK.
>
> Remember for auto update to work you must:
> 1) Have auto update enabled in your V4 Chat setup.
> 2) Have internet access and have http port 8776 open in your router or
> firewall.
> 3) Be running version 0.6.0.0 or later.
>
> Rick KN6KB
>
>

2250. RE: [V4Protocol] New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-09-27 22:43:46 UTC
From: G4AIU
Topic: 2244 Message: 2250

Rick,

V .0.6.3.0 auto-updated without any problems on both my rig computers - FT-847 and FT-857D.

Many thanks.

Eugene / G4AIU

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kn6kb
Sent: 27 September 2011 22:04
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

This version should fix problems with the auto registration mechanism. For it to work you must not delete or manually edit your V4TNC.ini file. When auto registration works remember to write down the key somewhere as a backup to the other backup mechanism employed. Tracking down your registration key is a time consuming process.

There is still a problems with receiver frequency read back on Yaesu. That will take a while to fix but all other aspects of radio control should work OK.

Remember for auto update to work you must:
1) Have auto update enabled in your V4 Chat setup.
2) Have internet access and have http port 8776 open in your router or firewall.
3) Be running version 0.6.0.0 or later.

Rick KN6KB

2251. Re: [V4Protocol] New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-09-27 23:17:55 UTC
From: Ron Wenig
Topic: 2244 Message: 2251

Rick, please disregard my last email about registration. I just
restarted program and got my number.

Thanks, Ron ny3j

On 09/27/2011 05:03 PM, kn6kb wrote:
>
> This version should fix problems with the auto registration mechanism.
> For it to work you must not delete or manually edit your V4TNC.ini
> file. When auto registration works remember to write down the key
> somewhere as a backup to the other backup mechanism employed. Tracking
> down your registration key is a time consuming process.
>
> There is still a problems with receiver frequency read back on Yaesu.
> That will take a while to fix but all other aspects of radio control
> should work OK.
>
> Remember for auto update to work you must:
> 1) Have auto update enabled in your V4 Chat setup.
> 2) Have internet access and have http port 8776 open in your router or
> firewall.
> 3) Be running version 0.6.0.0 or later.
>
> Rick KN6KB
>
>

2252. Re: [V4Protocol] Auto update and key code for two PC's

Yahoo group: V4Protocol
Date: 2011-09-28 02:51:27 UTC
From: William Calderwood
Topic: 2247 Message: 2252

Rick -

I thought the auto update to 0.6.3.0 went OK because it launched OK right after the update. However, an hour later when I launched it (after running FLDIGI), V4CHAT failed to open the TNC part of the application. I restarted the computer and tried again with the same results. I reinstalled the last version I had downloaded 0.6.1.3 and am running that fine now.

When I attempted to launch 0.6.3.0 I was presented a registration code screen - I clicked OK on this before I noticed the problem with now TNC application launch.

I'm running Windows 7 Home Premium 32-bit for my O/S environment. My log snippet is below starting with where I tried to start 0.6.3.0 and then the successful launch of 0.6.1.3.

73, Bill K1CT

```
2011/09/28 02:31:00.29 [0.6.3.0] ClearSession 4
2011/09/28 02:33:14.86 [0.6.3.0] ClearSession 4
2011/09/28 02:33:40.86 [0.6.3.0] ClearSession 4
2011/09/28 02:35:25.68 [0.6.3.0] ClearSession 4
2011/09/28 02:36:52.08 [0.6.3.0] ClearSession 4
2011/09/28 02:40:38.36 [0.6.3.0] ClearSession 4
2011/09/28 02:42:50.44 [0.6.1.3] ClearSession 4
2011/09/28 02:42:52.00 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:52.08 [0.6.1.3] [ParseInboundCommand]: FECFULLDUPLEX True
2011/09/28 02:42:52.08 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:52.14 [0.6.1.3] [ParseInboundCommand]: CODEC False
2011/09/28 02:42:52.14 [0.6.1.3] [StopCodec] Stop thrNotify with blnSCCapturing = False
2011/09/28 02:42:53.16 [0.6.1.3] [StopCodec] blnInWaitThread = False, thrNotify ended.
2011/09/28 02:42:53.16 [0.6.1.3] [StopCodec] = True
2011/09/28 02:42:53.16 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.19 [0.6.1.3] [ParseInboundCommand]: ProcessId
2011/09/28 02:42:53.19 [0.6.1.3] [SendCommand] PROCESSID 2656
2011/09/28 02:42:53.19 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.25 [0.6.1.3] [ParseInboundCommand]: MYCALL K1CT
2011/09/28 02:42:53.25 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.31 [0.6.1.3] [ParseInboundCommand]: Capture Microphone (2- USB Audio
CODEC )-d6
2011/09/28 02:42:53.31 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.38 [0.6.1.3] [ParseInboundCommand]: Playback Speakers (2- USB Audio
CODEC )-bb
2011/09/28 02:42:53.38 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.44 [0.6.1.3] [ParseInboundCommand]: MODE ARQ
2011/09/28 02:42:53.44 [0.6.1.3] ClearSession 4
2011/09/28 02:42:53.44 [0.6.1.3] [SendCommand] CMD
```

```
2011/09/28 02:42:53.48 [0.6.1.3] [SendCommand] BUFFER 0
2011/09/28 02:42:53.50 [0.6.1.3] [ParseInboundCommand]: TIMEOUT 90
2011/09/28 02:42:53.50 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.56 [0.6.1.3] [ParseInboundCommand]: DRIVELEVEL 100
2011/09/28 02:42:53.56 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.63 [0.6.1.3] [ParseInboundCommand]: AUTOID True
2011/09/28 02:42:53.63 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.69 [0.6.1.3] [ParseInboundCommand]: TUNING 100
2011/09/28 02:42:53.69 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.75 [0.6.1.3] [ParseInboundCommand]: VOX True
2011/09/28 02:42:53.75 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.81 [0.6.1.3] [ParseInboundCommand]: CODEC True
2011/09/28 02:42:53.92 [0.6.1.3] [StartCodec] Setting SelectedPlaybackDevice = SPEAKERS
(2- USB AUDIO CODEC )-BB
2011/09/28 02:42:54.01 [0.6.1.3] [StartCodec] Successful start of codec
2011/09/28 02:42:54.01 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:54.10 [0.6.1.3] [SendCommand] BUSY TRUE
2011/09/28 02:42:55.45 [0.6.1.3] [SendCommand] BUSY FALSE
2011/09/28 02:43:22.73 [0.6.1.3] New ARQ State: IRSSync
2011/09/28 02:43:23.23 [0.6.1.3] [ProcessSymbol]***** FAILED Sync Distance History:
2011/09/28 02:43:23.23 [0.6.1.3]    FEC: 283 283 283 283 278 315 470 249 342 451 317 371
343 304 436 325 353 357 394 256 364 414 352 334
2011/09/28 02:43:23.23 [0.6.1.3]    ACK: 283 283 283 283 358 288 187 467 459 233 412 354
342 376 241 402 422 293 325 466 383 270 259 305
2011/09/28 02:43:23.24 [0.6.1.3]    NAK: 283 283 283 283 256 402 409 326 276 427 282 399
369 335 449 305 233 429 279 320 371 354 452 324
2011/09/28 02:43:23.24 [0.6.1.3]    IDL: 283 283 283 283 341 349 326 422 365 188 378 320
430 494 246 299 303 249 397 424 312 335 332 401
2011/09/28 02:43:23.24 [0.6.1.3]    Ptr: 000 014 002 013 007 -04 -13 013 015 009 000 006
013 007 -13 -14 010 -13 001 012 -06 010 014 004
2011/09/28 02:43:23.25 [0.6.1.3] New ARQ State: IRSWaitLeader
```

2253. Re: [V4Protocol] Auto update and key code for two PC's

Yahoo group: V4Protocol
Date: 2011-09-28 02:59:27 UTC
From: William Calderwood
Topic: 2247 Message: 2253

Rick -

Update to below. After I reinstalled 0.6.1.3, auto update proceeded and when I restarted to 0.6.3.0 it broke again. Log snippet pasted below.

73, Bill K1CT

```
2011/09/28 01:36:26 *** Startup of V4Chat Ver 0.6.2.0 ***
2011/09/28 01:36:30 {Status}
2011/09/28 01:36:30 {Status} *** Startup of V4Chat Ver 0.6.2.0 ; Auto Update Enabled using
HTTP port 8776
2011/09/28 01:36:30 {Status} *** V4 TNC TCP OK on port 8510
2011/09/28 01:37:20 {Status}
*** Calling CQ de K1CT @ 2011/09/28 01:37:20
2011/09/28 01:37:50 {Status} ** DISCONNECTED   ARQ Timeout ... Outbound buffer purged. @
2011/09/28 01:37:50
2011/09/28 01:37:50 {Status} ** Sending CWID DE K1CT @ 2011/09/28 01:37:50
2011/09/28 01:38:26 {Status} ** Autoupdate in Process... @ 2011/09/28 01:38:26
2011/09/28 01:39:01 {Status} ** Autoupdate Complete @ 2011/09/28 01:39:01   Restart V4Chat
to run new version.
2011/09/28 01:39:53 *** Startup of V4Chat Ver 0.6.3.0 ***
2011/09/28 01:39:57 {Status}
2011/09/28 01:39:57 {Status} *** Startup of V4Chat Ver 0.6.3.0 ; Auto Update Enabled using
HTTP port 8776
2011/09/28 01:39:57 {Status} *** V4 TNC TCP OK on port 8510
2011/09/28 01:40:15 {Status}
*** Calling CQ de K1CT @ 2011/09/28 01:40:15
2011/09/28 01:40:45 {Status} ** DISCONNECTED   ARQ Timeout ... Outbound buffer purged. @
2011/09/28 01:40:45
2011/09/28 01:40:45 {Status} ** Sending CWID DE K1CT @ 2011/09/28 01:40:45
2011/09/28 02:30:59 *** Startup of V4Chat Ver 0.6.3.0 ***
2011/09/28 02:31:15 {Status}
2011/09/28 02:31:15 {Status} *** Startup of V4Chat Ver 0.6.3.0 ; Auto Update Enabled using
HTTP port 8776
2011/09/28 02:31:15 {Alert} * Failure to open Command Port 8510 to V4 TNC.
Check and make sure port is unused.
2011/09/28 02:31:15 {Alert} * Failure to open Open V4 TNC.
2011/09/28 02:33:14 *** Startup of V4Chat Ver 0.6.3.0 ***
2011/09/28 02:33:30 {Status}
2011/09/28 02:33:30 {Status} *** Startup of V4Chat Ver 0.6.3.0 ; Auto Update Enabled using
HTTP port 8776
2011/09/28 02:33:30 {Alert} * Failure to open Command Port 8510 to V4 TNC.
Check and make sure port is unused.
2011/09/28 02:33:30 {Alert} * Failure to open Open V4 TNC.
2011/09/28 02:33:40 *** Startup of V4Chat Ver 0.6.3.0 ***
2011/09/28 02:35:25 *** Startup of V4Chat Ver 0.6.3.0 ***
```

2011/09/28 02:35:41 {Status}

From: William Calderwood <billk1ct@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@...m>
Sent: Tuesday, September 27, 2011 7:51 PM
Subject: Re: [V4Protocol] Auto update and key code for two PC's

Rick -

I thought the auto update to 0.6.3.0 went OK because it launched OK right after the update. However, an hour later when I launched it (after running FLDIGI), V4CHAT failed to open the TNC part of the application. I restarted the computer and tried again with the same results. I reinstalled the last version I had downloaded 0.6.1.3 and am running that fine now.

When I attempted to launch 0.6.3.0 I was presented a registration code screen - I clicked OK on this before I noticed the problem with now TNC application launch.

I'm running Windows 7 Home Premium 32-bit for my O/S environment. My log snippet is below starting with where I tried to start 0.6.3.0 and then the successful launch of 0.6.1.3.

73, Bill K1CT

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2011/09/28 02:33:14.86 [0.6.3.0] ClearSession 4
2011/09/28 02:33:40.86 [0.6.3.0] ClearSession 4
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2011/09/28 02:40:38.36 [0.6.3.0] ClearSession 4
2011/09/28 02:42:50.44 [0.6.1.3] ClearSession 4
2011/09/28 02:42:52.00 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:52.08 [0.6.1.3] [ParseInboundCommand]:
FECFULLDUPLEX True
2011/09/28 02:42:52.08 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:52.14 [0.6.1.3] [ParseInboundCommand]: CODEC False
2011/09/28 02:42:52.14 [0.6.1.3] [StopCodec] Stop thrNotify with blnSCCapturing = False
2011/09/28 02:42:53.16 [0.6.1.3] [StopCodec] blnInWaitThread = False, thrNotify ended.
2011/09/28 02:42:53.16 [0.6.1.3] [StopCodec] = True
2011/09/28 02:42:53.16 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.19 [0.6.1.3] [ParseInboundCommand]: ProcessId
2011/09/28 02:42:53.19 [0.6.1.3] [SendCommand] PROCESSID 2656
2011/09/28 02:42:53.19 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.25 [0.6.1.3] [ParseInboundCommand]: MYCALL K1CT
2011/09/28 02:42:53.25 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.31 [0.6.1.3] [ParseInboundCommand]: Capture Microphone (2- USB Audio CODEC)-d6
2011/09/28 02:42:53.31 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.38 [0.6.1.3] [ParseInboundCommand]:
Playback Speakers (2- USB Audio CODEC)-bb
2011/09/28 02:42:53.38 [0.6.1.3] [SendCommand] CMD

```
2011/09/28 02:42:53.44 [0.6.1.3] [ParseInboundCommand]: MODE ARQ
2011/09/28 02:42:53.44 [0.6.1.3] ClearSession 4
2011/09/28 02:42:53.44 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.48 [0.6.1.3] [SendCommand] BUFFER 0
2011/09/28 02:42:53.50 [0.6.1.3] [ParseInboundCommand]: TIMEOUT 90
2011/09/28 02:42:53.50 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.56 [0.6.1.3] [ParseInboundCommand]: DRIVELEVEL 100
2011/09/28 02:42:53.56 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.63 [0.6.1.3] [ParseInboundCommand]: AUTOID True
2011/09/28 02:42:53.63 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.69 [0.6.1.3] [ParseInboundCommand]: TUNING 100
2011/09/28 02:42:53.69 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.75 [0.6.1.3] [ParseInboundCommand]: VOX True
2011/09/28 02:42:53.75 [0.6.1.3] [SendCommand] CMD
2011/09/28
02:42:53.81 [0.6.1.3] [ParseInboundCommand]: CODEC True
2011/09/28 02:42:53.92 [0.6.1.3] [StartCodec] Setting SelectedPlaybackDevice = SPEAKERS
(2- USB AUDIO CODEC )-BB
2011/09/28 02:42:54.01 [0.6.1.3] [StartCodec] Successful start of codec
2011/09/28 02:42:54.01 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:54.10 [0.6.1.3] [SendCommand] BUSY TRUE
2011/09/28 02:42:55.45 [0.6.1.3] [SendCommand] BUSY FALSE
2011/09/28 02:43:22.73 [0.6.1.3] New ARQ State: IRSSync
2011/09/28 02:43:23.23 [0.6.1.3] [ProcessSymbol]***** FAILED Sync Distance History:
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343 304 436 325 353 357 394 256 364 414 352 334
2011/09/28 02:43:23.23 [0.6.1.3]    ACK: 283 283 283 283 358 288 187 467 459 233 412 354
342 376 241 402 422 293 325 466 383 270 259 305
2011/09/28 02:43:23.24 [0.6.1.3]    NAK: 283 283 283 283 256 402 409
326 276 427 282 399 369 335 449 305 233 429 279 320 371 354 452 324
2011/09/28 02:43:23.24 [0.6.1.3]    IDL: 283 283 283 283 341 349 326 422 365 188 378 320
430 494 246 299 303 249 397 424 312 335 332 401
2011/09/28 02:43:23.24 [0.6.1.3]    Ptr: 000 014 002 013 007 -04 -13 013 015 009 000 006
013 007 -13 -14 010 -13 001 012 -06 010 014 004
2011/09/28 02:43:23.25 [0.6.1.3] New ARQ State: IRSWaitLeader
```

2254. Re: [V4Protocol] Auto update and key code for two PC's

Yahoo group: V4Protocol
Date: 2011-09-28 08:24:15 UTC
From: Rick Muething
Topic: 2247 Message: 2254

Bill,
There is no problem with 0.6.3.0. The only problem your log showed is when the port was in use. It is working for most people and the software is the same. If the TNC failed to start it is because:
1) The Port being used by the TNC is in use. The default port is 8510 (and 8511) but any unused port will work. It can be setup in V4Chat.

2) Most likely. You have a stub running of the V4 TNC. Use the task manager to kill it or reboot the machine.

3) Generally do no go back and reinstall a back version. If you need a full install go to the Yahoo FTP site and download and install the latest version there. I usually always post a new full install with each auto update.

Rick KN6KB

From: William Calderwood
Sent: Tuesday, September 27, 2011 10:59 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Auto update and key code for two PC's

Rick -

Update to below. After I reinstalled 0.6.1.3, auto update proceeded and when I restarted to 0.6.3.0 it broke again. Log snippet pasted below.

73, Bill K1CT

2011/09/28 01:36:26 *** Startup of V4Chat Ver 0.6.2.0 ***
2011/09/28 01:36:30 {Status}
2011/09/28 01:36:30 {Status} *** Startup of V4Chat Ver 0.6.2.0 ; Auto Update Enabled using HTTP port 8776
2011/09/28 01:36:30 {Status} *** V4 TNC TCP OK on port 8510
2011/09/28 01:37:20 {Status}
*** Calling CQ de K1CT @ 2011/09/28 01:37:20
2011/09/28 01:37:50 {Status} ** DISCONNECTED ARQ Timeout ... Outbound buffer purged. @ 2011/09/28 01:37:50
2011/09/28 01:37:50 {Status} ** Sending CWID DE K1CT @ 2011/09/28 01:37:50
2011/09/28 01:38:26 {Status} ** Autoupdate in Process... @ 2011/09/28 01:38:26
2011/09/28 01:39:01 {Status} ** Autoupdate Complete @ 2011/09/28 01:39:01 Restart V4Chat to run new version.
2011/09/28 01:39:53 *** Startup of V4Chat Ver 0.6.3.0 ***
2011/09/28 01:39:57 {Status}
2011/09/28 01:39:57 {Status} *** Startup of V4Chat Ver 0.6.3.0 ; Auto Update Enabled using HTTP port 8776
2011/09/28 01:39:57 {Status} *** V4 TNC TCP OK on port 8510
2011/09/28 01:40:15 {Status}

*** Calling CQ de K1CT @ 2011/09/28 01:40:15
2011/09/28 01:40:45 {Status} ** DISCONNECTED ARQ Timeout ... Outbound buffer purged. @ 2011/09/28 01:40:45
2011/09/28 01:40:45 {Status} ** Sending CWID DE K1CT @ 2011/09/28 01:40:45
2011/09/28 02:30:59 *** Startup of V4Chat Ver 0.6.3.0 ***
2011/09/28 02:31:15 {Status}
2011/09/28 02:31:15 {Status} *** Startup of V4Chat Ver 0.6.3.0 ; Auto Update Enabled using HTTP port 8776
2011/09/28 02:31:15 {Alert} * Failure to open Command Port 8510 to V4 TNC.
Check and make sure port is unused.
2011/09/28 02:31:15 {Alert} * Failure to open Open V4 TNC.
2011/09/28 02:33:14 *** Startup of V4Chat Ver 0.6.3.0 ***
2011/09/28 02:33:30 {Status}
2011/09/28 02:33:30 {Status} *** Startup of V4Chat Ver 0.6.3.0 ; Auto Update Enabled using HTTP port 8776
2011/09/28 02:33:30 {Alert} * Failure to open Command Port 8510 to V4 TNC.
Check and make sure port is unused.
2011/09/28 02:33:30 {Alert} * Failure to open Open V4 TNC.
2011/09/28 02:33:40 *** Startup of V4Chat Ver 0.6.3.0 ***
2011/09/28 02:35:25 *** Startup of V4Chat Ver 0.6.3.0 ***
2011/09/28 02:35:41 {Status}

From: William Calderwood <billk1ct@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Tuesday, September 27, 2011 7:51 PM
Subject: Re: [V4Protocol] Auto update and key code for two PC's

Rick -

I thought the auto update to 0.6.3.0 went OK because it launched OK right after the update. However, an hour later when I launched it (after running FLDIGI), V4CHAT failed to open the TNC part of the application. I restarted the computer and tried again with the same results. I reinstalled the last version I had downloaded 0.6.1.3 and am running that fine now.

When I attempted to launch 0.6.3.0 I was presented a registration code screen - I clicked OK on this before I noticed the problem with now TNC application launch.

I'm running Windows 7 Home Premium 32-bit for my O/S environment. My log snippet is below starting with where I tried to start 0.6.3.0 and then the successful launch of 0.6.1.3.

73, Bill K1CT

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2011/09/28 02:36:52.08 [0.6.3.0] ClearSession 4
2011/09/28 02:40:38.36 [0.6.3.0] ClearSession 4
2011/09/28 02:42:50.44 [0.6.1.3] ClearSession 4
2011/09/28 02:42:52.00 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:52.08 [0.6.1.3] [ParseInboundCommand]: FECFULLDUPLEX True

```
2011/09/28 02:42:52.08 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:52.14 [0.6.1.3] [ParseInboundCommand]: CODEC False
2011/09/28 02:42:52.14 [0.6.1.3] [StopCodec] Stop thrNotify with blnSCCapturing = False
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2011/09/28 02:42:53.16 [0.6.1.3] [StopCodec] = True
2011/09/28 02:42:53.16 [0.6.1.3] [SendCommand] CMD
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2011/09/28 02:42:53.19 [0.6.1.3] [SendCommand] PROCESSID 2656
2011/09/28 02:42:53.19 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.25 [0.6.1.3] [ParseInboundCommand]: MYCALL K1CT
2011/09/28 02:42:53.25 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.31 [0.6.1.3] [ParseInboundCommand]: Capture Microphone (2- USB Audio
CODEC )-d6
2011/09/28 02:42:53.31 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.38 [0.6.1.3] [ParseInboundCommand]: Playback Speakers (2- USB Audio
CODEC )-bb
2011/09/28 02:42:53.38 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.44 [0.6.1.3] [ParseInboundCommand]: MODE ARQ
2011/09/28 02:42:53.44 [0.6.1.3] ClearSession 4
2011/09/28 02:42:53.44 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.48 [0.6.1.3] [SendCommand] BUFFER 0
2011/09/28 02:42:53.50 [0.6.1.3] [ParseInboundCommand]: TIMEOUT 90
2011/09/28 02:42:53.50 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.56 [0.6.1.3] [ParseInboundCommand]: DRIVELEVEL 100
2011/09/28 02:42:53.56 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.63 [0.6.1.3] [ParseInboundCommand]: AUTOID True
2011/09/28 02:42:53.63 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.69 [0.6.1.3] [ParseInboundCommand]: TUNING 100
2011/09/28 02:42:53.69 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.75 [0.6.1.3] [ParseInboundCommand]: VOX True
2011/09/28 02:42:53.75 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:53.81 [0.6.1.3] [ParseInboundCommand]: CODEC True
2011/09/28 02:42:53.92 [0.6.1.3] [StartCodec] Setting SelectedPlaybackDevice = SPEAKERS
(2- USB AUDIO CODEC )-BB
2011/09/28 02:42:54.01 [0.6.1.3] [StartCodec] Successful start of codec
2011/09/28 02:42:54.01 [0.6.1.3] [SendCommand] CMD
2011/09/28 02:42:54.10 [0.6.1.3] [SendCommand] BUSY TRUE
2011/09/28 02:42:55.45 [0.6.1.3] [SendCommand] BUSY FALSE
2011/09/28 02:43:22.73 [0.6.1.3] New ARQ State: IRSSync
2011/09/28 02:43:23.23 [0.6.1.3] [ProcessSymbol]***** FAILED Sync Distance History:
2011/09/28 02:43:23.23 [0.6.1.3] FEC: 283 283 283 283 278 315 470 249 342 451 317 371 343
304 436 325 353 357 394 256 364 414 352 334
2011/09/28 02:43:23.23 [0.6.1.3] ACK: 283 283 283 283 358 288 187 467 459 233 412 354 342
376 241 402 422 293 325 466 383 270 259 305
2011/09/28 02:43:23.24 [0.6.1.3] NAK: 283 283 283 283 256 402 409 326 276 427 282 399 369
335 449 305 233 429 279 320 371 354 452 324
2011/09/28 02:43:23.24 [0.6.1.3] IDL: 283 283 283 283 341 349 326 422 365 188 378 320 430
494 246 299 303 249 397 424 312 335 332 401
2011/09/28 02:43:23.24 [0.6.1.3] Ptr: 000 014 002 013 007 -04 -13 013 015 009 000 006 013
007 -13 -14 010 -13 001 012 -06 010 014 004
```

```
2011/09/28 02:43:23.25 [0.6.1.3] New ARQ State: IRSWaitLeader
```

2255. Re: New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-09-28 08:27:41 UTC
From: Peter Zingsheim
Topic: 2244 Message: 2255

Rick,

thanks,

1) autoupdate from 0.6.2.0 to 0.6.3.0 worked on WinXP pro SP3 within 5 min after starting V4Cat (Firewall disabled temporarily).
2) V4 TNC.ini shows callsign correctly
3) V4 TNC attempts to send an e-mail, mail body contains reg. code
4) e-mail attempt manually aborted because invalid mail client (MS) assumed per default by TNC (this is a rough spot, not everyone uses MS clients)
5) info from 4) copied into standard mail client and sent
6) e-mail did not bounce
7) V4 TNC.ini.OE6ZH exists and manually invoked registration pop-up displays reg. code
8) hitting "Register" (not greyed) button loops back to 3) above effectively starting round 2
9) mail attempt aborted, because mail sent in step 5) of round 1
10) All working

73, Peter

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> This version should fix problems with the auto registration mechanism. For it to work you must not delete or manually edit your V4TNC.ini file. When auto registration works remember to write down the key somewhere as a backup to the other backup mechanism employed. Tracking down your registration key is a time consuming process.
>
> There is still a problems with receiver frequency read back on Yaesu. That will take a while to fix but all other aspects of radio control should work OK.
>
> Remember for auto update to work you must:
> 1) Have auto update enabled in your V4 Chat setup.
> 2) Have internet access and have http port 8776 open in your router or firewall.
> 3) Be running version 0.6.0.0 or later.
>
> Rick KN6KB
>

2256. Re: [V4Protocol] Re: Contact Needed

Yahoo group: V4Protocol
Date: 2011-09-28 11:07:58 UTC
From: Stan Kozlowitz
Topic: 2237 Message: 2256

Tom, I copied most of your transmissions but I also received a lot of garbage characters. All 256 (8 bit) characters were allowed to come through. I thought that very strange.

Stan Kozlowitz
aa5xo@rocketmail.com
aa5xo@...
NNN0YSD@...

From: w4wxa <w4wxa@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 27, 2011 5:36 PM
Subject: [V4Protocol] Re: Contact Needed

Have had nice QSOs today with Roy, WA4BDS
and Kirk, K6KAR on 7073. Very fine, indeed. Thanks Rick!

--- In V4Protocol@yahoogroups.com, "w4wxa" <w4wxa@...> wrote:
>
> Hello all
> I need a pal to work on 40.
> Have not had a qso yet, and I really would like to try.
> I am available most anytime. Listening now on 7073.5
> If you will send me a phone number I would appreciate it.
> My regular email is w4wxa at windstream dot net
> Thanks and 73 de Tom, W4WXA
>

2257. Re: New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-09-28 11:23:01 UTC
From: Peter
Topic: 2244 Message: 2257

Rick,

V4 updated to 0.6.3.0 on switching on this morning. Working OK but no auto registration as mentioned below.

FT2000 CAT is unchanged from my previous postings. Do you have the Yaesu 'FT-2000 Series CAT Operation Reference Book' that is supplied with the rig? With 17 pages of data it seems comprehensive enough. If you need it it may be download from the Yaesu website.

73, Peter G3JFS

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> This version should fix problems with the auto registration mechanism. For it to work you must not delete or manually edit your V4TNC.ini file. When auto registration works remember to write down the key somewhere as a backup to the other backup mechanism employed. Tracking down your registration key is a time consuming process.
>
> There is still a problems with receiver frequency read back on Yaesu. That will take a while to fix but all other aspects of radio control should work OK.
>
> Remember for auto update to work you must:
> 1) Have auto update enabled in your V4 Chat setup.
> 2) Have internet access and have http port 8776 open in your router or firewall.
> 3) Be running version 0.6.0.0 or later.
>
> Rick KN6KB
>

2258. Re: 0.6.2.0 with TS-590S

Yahoo group: V4Protocol
Date: 2011-09-28 12:11:26 UTC
From: la7um
Topic: 2238 Message: 2258

Ian. I also got that Outlook setup. I just cut and pasted the adress, the subject and the text in three steps into my Web Gmail account and sent from there. I assumed it was for an extra backup at the ARSFI.

This way I as a bonus have a backup within my gmail account as well.

I have sent similarly to myself also the WINMOR registration code, just for extra backup.

73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Ian,
>
> I cannot tell within the program whether you actually send the pre pared Email message. That is separate program like Outlook or whatever your default email handler is. The purpose of the email is simply a backup to the backup saved in the backup ini file to the backup piece of paper you are supposed to write down the registration key. I think that is enough.
>
> The problem was with the call sign saved in the V4 TNC.ini file (or more correctly not saved). Remember these are separate programs each with their own ini file (because other developers use the V4 TNC.exe). This will all be corrected on the next release.
>
> Rick KN6KB
>
>
> From: Ian Wade G3NRW
> Sent: Tuesday, September 27, 2011 3:30 PM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] 0.6.2.0 with TS-590S
>
>
> ___Original Message_____
> From: Rick Muething <mailto:rmuething%40cfl.rr.com>
> Date: Tue, 27 Sep 2011 Time: 15:01:24
>
> >Ian,
> >There is a problem on the auto registration if you never saved your
> >call sign to the V4TNC.ini file.
>
> I had entered my callsign into the V4 Chat setup box the first time I
> used the program, several versions ago, and it is used correctly when
> carrying out QSOs.
>
> However, V4TNC.ini contains:

> ~~~~~~
> Registration Email Sent=True
> Registration=MISSING CALLSIGN
> ~~~~~~
>
> But the registration email was *not* sent, because at the time there was
> no email client set up on the machine.
>
> (I subsequently set up an email client, ready for V4 to send a
> registration message, but message came there none).
>
> That is why I suggested that V4Chat contains a positive "registration
> successful" message.
>
> >
> >Re: â□□I then clicked on "Update" Where did you â□□click on update?â□□
>
> I clicked the "Update " button on the V4Chat Setup window.
>
> >There is a check box in the V4 Setup that says Enable auto update.
>
> I checked this box several versions ago.
>
> QUESTION: It seems that V4TNC.ini has got out of step somehow. Should I
> remove it and let V4 build a new one?
>
> >
> >When auto update occurs it says it was successful and then says
> >â□□Restart to run the new versionâ□□.
>
> That is exactly what happened, but only after I clicked the "Update"
> button. The program did not auto-update by itself (or maybe I didn't
> wait long enough?)
>
> > The files have been updated but you are STILL RUNNING the version you
> >started with. I have purposely not enabled auto restart (not too
> >convenient if youâ□□re in the middle of a QSO!) so that requires you
> >to shut down and then restart to execute the new version. The title
> >bars read the old version because simply it IS still running the old
> >version until it is restarted. All that is working normally as designed.
>
> Understood.
>
> --
> 73
> Ian, G3NRW
>

2259. Re: [V4Protocol] New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-09-28 12:39:36 UTC
From: Fred G -w1wyc
Topic: 2244 Message: 2259

Hi Rick,

Thought I'd let you know that autoupdate worked fine. I was running 0.6.2.0 and after a few minutes
of turning on the pc and invoking V4 it came up with the message that it had updated to 0.6.3.0.

Thanks & 73,
Fred, W1WYC

----- Original Message -----
From: kn6kb
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 27, 2011 5:03 PM
Subject: [V4Protocol] New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

This version should fix problems with the auto registration mechanism. For it to work you must not delete or manually edit your V4TNC.ini file. When auto registration works remember to write down the key somewhere as a backup to the other backup mechanism employed. Tracking down your registration key is a time consuming process.

There is still a problems with receiver frequency read back on Yaesu. That will take a while to fix but all other aspects of radio control should work OK.

Remember for auto update to work you must:
1) Have auto update enabled in your V4 Chat setup.
2) Have internet access and have http port 8776 open in your router or firewall.
3) Be running version 0.6.0.0 or later.

Rick KN6KB

2260. Bits

Yahoo group: V4Protocol
Date: 2011-09-28 15:52:30 UTC
From: w3bi2
Topic: 2260 Message: 2260

Rick,

ver. 0.6.3.0 autoupdated just fine here and is working like a champ.

Thanks for your work.

A tiny request if you happen to be passing by the correct part of the code....the ability to move the right side of the mini log further to the right. I have a 24" monitor and would like to see the whole entry line. I have it moved as far as it will go and can only see Grid Square/QT ...

And thanks for straightening me out on the "connect while rx a CQ" confusion I had. Head up and locked here. I know very well about ISS and IRS....just forgot. At 74 things don't present themselves from recall very well.

73,
Rick W3BI

2261. Re: [V4Protocol] Bits

Yahoo group: V4Protocol
Date: 2011-09-28 16:00:58 UTC
From: David Bastress
Topic: 2260 Message: 2261
Attachments: 5 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

2262. Re: [V4Protocol] Bits

Yahoo group: V4Protocol
Date: 2011-09-28 17:31:41 UTC
From: Rick Muething
Topic: 2260 Message: 2262

Dave,
That is a minor fix. I'll put it on the list.

Rick

From: David Bastress
Sent: Wednesday, September 28, 2011 12:00 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Bits

GM Rick,

I would second W3BI's comment about the clipped QTH box. No matter what I do it is always clipped.

Dave K3GAU
>>> "w3bi2" <w3bi.rick@...> 9/28/2011 11:52 AM >>>

Rick,

ver. 0.6.3.0 autoupdated just fine here and is working like a champ.

Thanks for your work.

A tiny request if you happen to be passing by the correct part of the code....the ability to move the right side of the mini log further to the right. I have a 24" monitor and would like to see the whole entry line. I have it moved as far as it will go and can only see Grid Square/QT ...

And thanks for straightening me out on the "connect while rx a CQ" confusion I had. Head up and locked here. I know very well about ISS and IRS....just forgot. At 74 things don't present themselves from recall very well.

73,
Rick W3BI

2263. Re: [V4Protocol] New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-09-28 18:39:33 UTC
From: Ian Wade G3NRW
Topic: 2244 Message: 2263

___Original Message_____________________________________
From: kn6kb <rmuething@...>
Date: Tue, 27 Sep 2011 Time: 21:03:40

>This version should fix problems with the auto registration mechanism.
>For it to work you must not delete or manually edit your V4TNC.ini
>file. When auto registration works remember to write down the key
>somewhere as a backup to the other backup mechanism employed. Tracking
>down your registration key is a time consuming process.
>

Rick, I'm getting warmer. I just let the auto update to 0.6.3.0 go
ahead. No hitches or glitches.

(The reason the previous auto update didn't work at first was that I
didn't wait long enough).

However, I still don't know if I am registered. Here is my V4 TNC.ini
file in its entirety:
~~~~~~
[V4 TNC Form]
Top=462
Left=105
SC Cal offset=544932
Squelch=4
Filter=False
Registration Email Sent=True
Registration=MISSING CALLSIGN
MyCall=G3NRW
~~~~~~

"MyCall" has appeared in the file tonight for the very first time.
However, because a previous registration attempt was unsuccessful (there
was no mailer on the machine at the time), it seems that I still haven't
registered. How do I recover? Should I change "Registration Email Sent"
to False?

--
73
Ian, G3NRW

2264. Re: [V4Protocol] New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-09-28 18:47:32 UTC
From: Rick Muething
Topic: 2244 Message: 2264

Restart 0.6.3.0 the registration will happen.

From: Ian Wade G3NRW
Sent: Wednesday, September 28, 2011 2:39 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

___Original Message_____
From: kn6kb <mailto:rmuething%40cfl.rr.com>
Date: Tue, 27 Sep 2011 Time: 21:03:40

>This version should fix problems with the auto registration mechanism.
>For it to work you must not delete or manually edit your V4TNC.ini
>file. When auto registration works remember to write down the key
>somewhere as a backup to the other backup mechanism employed. Tracking
>down your registration key is a time consuming process.
>

Rick, I'm getting warmer. I just let the auto update to 0.6.3.0 go
ahead. No hitches or glitches.

(The reason the previous auto update didn't work at first was that I
didn't wait long enough).

However, I still don't know if I am registered. Here is my V4 TNC.ini
file in its entirety:
~~~~~~
[V4 TNC Form]
Top=462
Left=105
SC Cal offset=544932
Squelch=4
Filter=False
Registration Email Sent=True
Registration=MISSING CALLSIGN
MyCall=G3NRW
~~~~~~

"MyCall" has appeared in the file tonight for the very first time.
However, because a previous registration attempt was unsuccessful (there
was no mailer on the machine at the time), it seems that I still haven't
registered. How do I recover? Should I change "Registration Email Sent"
to False?

--
73
Ian, G3NRW

2265. Re: [V4Protocol] New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-09-28 18:57:40 UTC
From: Rick Muething
Topic: 2244 Message: 2265

Please EVERYONE...DO NOT TRY AND MODIFY AN INI FILE . If you make a syntax error your program may not work and I don't have the time to correct all this. The program will autoupdate if you follow the instructions in the help. It will auto register if you make the required contacts and keep your version current. This has been verified.
It is not REQUIRED that you send the registration email...it is only to make it easier for me and Lee (who handles the registration mechansim) to look up YOUR registration key if you loose it. If you really want to help don't loose the registration key or learn to live with the nag if you do.
If you can't figure out how to get auto update to work AFTER reading the help then just use the full install mechanism.
Rick KN6KB

2266. Re: [V4Protocol] New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-09-28 19:11:20 UTC
From: Ian Wade G3NRW
Topic: 2244 Message: 2266

___Original Message_____________________________________
From: Rick Muething <rmuething@...>
Date: Wed, 28 Sep 2011 Time: 14:47:32

>Restart 0.6.3.0 the registration will happen.
>

I just did, and now I'm really registered at last. The email even went
and hasn't bounced. Many thanks Rick.

(A little secret. I've started to write some more HOWTOs for digital
operation with the TS-590S, and planned to include V4 somewhere down the
list. However, having seen V4 work so well, I am now promoting it to top
of the list. Keep your eye on the HOWTOs section of the TS-590S
Resources Page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

And if you can fix the TS-590-specific issues that I listed yesterday, I
will be even more enthusiastic :-)

--
73
Ian, G3NRW

2267. Calling V4 CQ 3590 dial USB

Yahoo group: V4Protocol
Date: 2011-09-28 19:18:48 UTC
From: Ian Wade G3NRW
Topic: 2267 Message: 2267

Calling V4 CQ 3590 dial USB

--
73
Ian, G3NRW

2268. Re: [V4Protocol] New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-09-28 19:39:17 UTC
From: Rick Muething
Topic: 2244 Message: 2268

Ian,

I will look at your other suggestions. Re allowing the user to select A or B was considered but it REQUIRES you have read back or forces more radio specific complexity in the Radio setup page. Readback is not required now and is not implemented by some simple interfaces. Since I am using the same driver as other programs I would prefer not to have to change all them or create a completely new driver class. Plus getting into the details of which VFO/Memory to use, what filter to put in, preamp etc dramatically increases the radio specific complexity with minimal benefit to the average user. Especially Yaesu's that seem to have a different code and format for almost every model.

Thanks for your feedback. I've put some of the items on the list but I NEED to block out some time for other projects I need to finish and support.

Rick KN6KB

From: Ian Wade G3NRW
Sent: Wednesday, September 28, 2011 3:11 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

___Original Message_____
From: Rick Muething <mailto:rmuething%40cfl.rr.com>
Date: Wed, 28 Sep 2011 Time: 14:47:32

>Restart 0.6.3.0 the registration will happen.
>

I just did, and now I'm really registered at last. The email even went
and hasn't bounced. Many thanks Rick.

(A little secret. I've started to write some more HOWTOs for digital
operation with the TS-590S, and planned to include V4 somewhere down the
list. However, having seen V4 work so well, I am now promoting it to top
of the list. Keep your eye on the HOWTOs section of the TS-590S
Resources Page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

And if you can fix the TS-590-specific issues that I listed yesterday, I
will be even more enthusiastic :-)

--
73
Ian, G3NRW

2269. Re: [V4Protocol] Calling V4 CQ 3590 dial USB

Yahoo group: V4Protocol
Date: 2011-09-28 19:43:27 UTC
From: Yussuf
Topic: 2267 Message: 2269

Ian,
Tnx fb V4 QSO, your QRP 5W is fb!
Look at OH5RM and OH7JJT today or evenings, too

73 Yussi OH7TE

2011/9/28 Ian Wade G3NRW <g3nrw-radio@ntlworld.com>

> **
>
>
> Calling V4 CQ 3590 dial USB
>
> --
> 73
> Ian, G3NRW
>
>
>

--
73's OH7TE Yufenau

2270. 0.6.3.0 auto registration

Yahoo group: V4Protocol
Date: 2011-09-28 21:38:09 UTC
From: Peter
Topic: 2270 Message: 2270

Rick,

in a recent reply to G3NRW you wrote:

Restart 0.6.3.0 the registration will happen.

I have restarted the program several times today but it did not happen for me.

I have not changed the .ini files in any way but I did enter some contacts directly into the log at the left hand side of the main window before I found the Add/Edit contact box a couple of days ago. Could this be the problem?

Peter, G3JFS

2271. Re: [V4Protocol] New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-09-29 03:42:17 UTC
From: Ian Wade G3NRW
Topic: 2244 Message: 2271

___Original Message_____________________________________
From: Rick Muething <rmuething@...>
Date: Wed, 28 Sep 2011 Time: 15:39:17

>Ian,
>
>I will look at your other suggestions. Re allowing the user to select A
>or B was considered but it REQUIRES you have read back or forces more
>radio specific complexity in the Radio setup page. Readback is not
>required now and is not implemented by some simple interfaces. Since I
>am using the same driver as other programs I would prefer not to have
>to change all them or create a completely new driver class. Plus
>getting into the details of which VFO/Memory to use, what filter to put
>in, preamp etc dramatically increases the radio specific complexity
>with minimal benefit to the average user. Especially Yaesu's that
>seem to have a different code and format for almost every model.

All understood Rick. I realize some of the issues I mentioned are
"nice-to-haves", but none of them are show stoppers for the TS-590S.
Everything is working very well now.

(P.S. Whom do I send the bill to for relay replacements? It's almost as
bad as AMTOR used to be).

--
73
Ian, G3NRW

2272. Re: [V4Protocol] Calling V4 CQ 3590 dial USB

Yahoo group: V4Protocol
Date: 2011-09-29 03:48:27 UTC
From: Ian Wade G3NRW
Topic: 2267 Message: 2272

___Original Message_____________________________________
From: Yussuf <yufenau@...>
Date: Wed, 28 Sep 2011 Time: 22:43:27

>Ian,
>Tnx fb V4 QSO, your QRP 5W is fb!
>Look at OH5RM and OH7JJT today or evenings, too
>
>73 Yussi OH7TE

Hi Yussi

Yes, it was a FB QSO. You could have reduced your power to 5 watts also,
and I am sure I would still have copied you without difficulty. That
part of the band was very quiet at the time.

Later I did hear OH7JTT's CW ID, but I couldn't connect.

I will be on 3590 again tonight (Thursday), from about 1900 UTC.

--
73
Ian, G3NRW

2273. Re: [V4Protocol] New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-09-29 11:55:59 UTC
From: Rick Muething
Topic: 2244 Message: 2273

Ian,

Any HF ARQ mode “exercises” the relays. But in many years of operation the only failures I have had (running my HF servers 24/7/365) were from my Icom M710. That radios was never designed for ARQ!

Rick KN6KB

From: Ian Wade G3NRW
Sent: Wednesday, September 28, 2011 11:42 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New Version 0.6.3.0 uploaded to Yahoo FTP and auto update server

___Original Message_____
From: Rick Muething <mailto:rmuething%40cfl.rr.com>
Date: Wed, 28 Sep 2011 Time: 15:39:17

>Ian,
>
>I will look at your other suggestions. Re allowing the user to select A
>or B was considered but it REQUIRES you have read back or forces more
>radio specific complexity in the Radio setup page. Readback is not
>required now and is not implemented by some simple interfaces. Since I
>am using the same driver as other programs I would prefer not to have
>to change all them or create a completely new driver class. Plus
>getting into the details of which VFO/Memory to use, what filter to put
>in, preamp etc dramatically increases the radio specific complexity
>with minimal benefit to the average user. Especially Yaesu’s that
>seem to have a different code and format for almost every model.

All understood Rick. I realize some of the issues I mentioned are
"nice-to-haves", but none of them are show stoppers for the TS-590S.
Everything is working very well now.

(P.S. Whom do I send the bill to for relay replacements? It's almost as
bad as AMTOR used to be).

--
73
Ian, G3NRW

2274. OH's QRV on 40m 7045 daily

Yahoo group: V4Protocol
Date: 2011-09-29 14:48:22 UTC
From: Juhani
Topic: 2274 Message: 2274

Except weekend time I will be QRV every day (force majeure limit) V4 40m 7045 from abt 15 UTC to 17 UTC. Maybe other OH stations are QRV too!
73 "Yussi" OH7TE
ps: 7045 is QRV NOW

2275. Any luck getting an official ADIF mode code for V4?

Yahoo group: V4Protocol
Date: 2011-09-29 15:02:12 UTC
From: ham
Topic: 2275 Message: 2275

Rick:

It would be really nice to start logging V4 contacts into LOTW and EQSL.CC.

Any word on getting an offical ADIF code for V4 Chat?

73, Bernie

2276. RE: [V4Protocol] OH's QRV on 40m 7045 daily

Yahoo group: V4Protocol
Date: 2011-09-29 15:56:34 UTC
From: Victor Tait
Topic: 2274 Message: 2276

Tried to call u a few times ARQ Yussi abt 1550z Will try agn 30Sept. 73 de Victor gi4lkg
To: V4Protocol@yahoogroups.com
From: yufenau@...
Date: Thu, 29 Sep 2011 14:48:22 +0000
Subject: [V4Protocol] OH's QRV on 40m 7045 daily

Except weekend time I will be QRV every day (force majeure limit) V4 40m 7045 from abt 15 UTC to 17 UTC. Maybe other OH stations are QRV too!

73 "Yussi" OH7TE

ps: 7045 is QRV NOW

2277. Receive V4 Arq QSO ON 40 M

Yahoo group: V4Protocol
Date: 2011-09-29 15:59:46 UTC
From: Henri
Topic: 2277 Message: 2277

Hello V4 fan's

Nice receive V4 ARQ QSO transmission with DB7EM and OH7TE

Gud tests and DX

73's from F6BAZ Henri

*** CONNECT REQUEST CQ de OH5RM @ 2011/09/29 15:58:01

*** CONNECT REQUEST CQ de OH5RM @ 2011/09/29 15:58:07

*** CONNECT REQUEST CQ de OH5RM @ 2011/09/29 15:58:12

*** CONNECT REQUEST CQ de OH5RM @ 2011/09/29 15:58:17

*** CONNECT REQUEST CQ de OH5RM @ 2011/09/29 15:58:22

2278. TR: 40 meters V4

Yahoo group: V4Protocol
Date: 2011-09-29 16:12:07 UTC
From: Zacchini Henri Free
Topic: 2278 Message: 2278
Attachments: 2 described; binary payloads are missing from this source WARC

De : Zacchini Henri [mailto:f6baz@...]
Envoyé : jeudi 29 septembre 2011 17:46
À : 'V4Protocol@yahoogroups.com'
Objet : 40 meters V4

Hello V4 fan’s

Nice receive V4 ARQ QSO transmission with DB7EM and OH7TE

Gud tests and DX

73’s from F6BAZ Henri

v4test40m.jpg

Video on http://f6baz.dyndns.org:4243

2279. TR: [V4Protocol] TR: 40 meters V4

Yahoo group: V4Protocol
Date: 2011-09-29 16:15:33 UTC
From: Zacchini Henri Free
Topic: 2279 Message: 2279
Attachments: 2 described; binary payloads are missing from this source WARC

Objet : 40 meters V4

Hello V4 fan's

Nice receive V4 ARQ QSO transmission with DB7EM and OH7TE

Gud tests and DX

73's from F6BAZ Henri

v4test40m.jpg

Video on http://f6baz.dyndns.org:4243

2280. Re: OH's QRV on 40m 7045 daily

Yahoo group: V4Protocol
Date: 2011-09-29 17:30:57 UTC
From: la7um
Topic: 2274 Message: 2280

Tnx. Good ARQ QSO 1655 UTC abt 30min with Yussi OH7TE 599+10
73. Finn/LA7UM
--- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>
> Except weekend time I will be QRV every day (force majeure limit) V4 40m 7045 from abt 15 UTC to 17 UTC. Maybe other OH stations are QRV too!
> 73 "Yussi" OH7TE
> ps: 7045 is QRV NOW
>

2281. Re: [V4Protocol] Any luck getting an official ADIF mode code for V4?

Yahoo group: V4Protocol
Date: 2011-09-29 17:32:33 UTC
From: Ed Woods WD9DVA
Topic: 2275 Message: 2281

Bernie try the ARRL. 73 Ed WD9DVA
----- Original Message -----
From: ham
To: V4Protocol@yahoogroups.com
Sent: Thursday, September 29, 2011 15:02
Subject: [V4Protocol] Any luck getting an official ADIF mode code for V4?

Rick:

It would be really nice to start logging V4 contacts into LOTW and EQSL.CC.

Any word on getting an offical ADIF code for V4 Chat?

73, Bernie

2282. Version 0.6.3.0 Filter

Yahoo group: V4Protocol
Date: 2011-09-29 19:58:50 UTC
From: Harry
Topic: 2282 Message: 2282

Rick

Everything works very well except for the Filter. When clicking on the filter the waterfall does not shrink to 200 Hz. I recall it working several versions ago. That feature is very helpful.

A contact today with NY3J confirmed that the Filter does not work at is location.

Thanks for the great work on V4

Harry W9IB

2283. Re: [V4Protocol] Version 0.6.3.0 Filter

Yahoo group: V4Protocol
Date: 2011-09-29 20:08:11 UTC
From: David Bastress
Topic: 2282 Message: 2283
Attachments: 5 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

2284. Re: Version 0.6.3.0 Filter

Yahoo group: V4Protocol
Date: 2011-09-29 20:24:37 UTC
From: la7um
Topic: 2282 Message: 2284

According to Rick, the filter IS working. Waterfall changed to showing PRE filter, so you still can see stations on both sides. If I got that right. 73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Harry" <w9ib73@...> wrote:
>
> Rick
>
> Everything works very well except for the Filter. When clicking on the filter the waterfall does not shrink to 200 Hz. I recall it working several versions ago. That feature is very helpful.
>
> A contact today with NY3J confirmed that the Filter does not work at is location.
>
> Thanks for the great work on V4
>
> Harry W9IB
>

2285. Re: [V4Protocol] Re: Version 0.6.3.0 Filter

Yahoo group: V4Protocol
Date: 2011-09-29 21:07:06 UTC
From: Rick Muething
Topic: 2282 Message: 2285

Guys....PLEASE may I suggest we take just 30 seconds to LOOK into the help before:
a) Asking a question
b) Answering a question your not sure of

E.g. On V4Chat With three clicks: Files, Help Contents, V4 Virtual TNC I get a page that describes virtually EVERYTHING displayed on the V4 TNC form.
Scrolling down to the Filter IN/Out description I see:
The Filter In/Out menu item will enable/disable the internal 400 Hz BW filter (centered on 1500 Hz). When IN this filter may improved decoding in high noise or QRM conditions. When IN the V4 signal should be within +/-100 Hz of the nominal tuning. The Filter does NOT affect the waterfall display allowing you to see adjacent V4 activity and allows the "click-to-tune" capability of the waterfall.

This is a lot faster (and usually more accurate) than posting a question, waiting for replies, (which may or may not be accurate!). If it isn't covered in the help and it is a legitimate question then ask and suggest I add a help topic or explanation. Or suggest an improved method of navigating to the topic. Remember with virtually EVERY update of the code the Help is updated to reflect any changes. The filter operation is an example of that because it was changed to allow "click to tune" ("click to tune" wouldn't work well if the filter cut off all the signals in the receiver pass band).

In addition to the Help Topics there is a Help index of key words in both the V4TNC and V4Chat help files. Those key words will get you to the help page with the description of the key word.

Rick KN6KB

From: la7um
Sent: Thursday, September 29, 2011 4:24 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Version 0.6.3.0 Filter

According to Rick, the filter IS working. Waterfall changed to showing PRE filter, so you still can see stations on both sides. If I got that right. 73 Finn/LA7UM

--- In mailto:V4Protocol%40yahoogroups.com, "Harry" <w9ib73@...> wrote:
>
> Rick
>
> Everything works very well except for the Filter. When clicking on the filter the waterfall does not shrink to 200 Hz. I recall it working several versions ago. That feature is very helpful.
>
> A contact today with NY3J confirmed that the Filter does not work at is location.
>
> Thanks for the great work on V4
>

> Harry W9IB
>

2286. Re: Version 0.6.3.0 Filter

Yahoo group: V4Protocol
Date: 2011-09-29 21:13:09 UTC
From: Peter Zingsheim
Topic: 2282 Message: 2286

Quoted from the Help files
"
V4 Virtual TNC Display
...
Menue bar:
...
The Filter In/Out menu item will enable/disable the internal 400 Hz BW filter (centered on 1500 Hz). When IN this filter may improved decoding in high noise or QRM conditions. When IN the V4 signal should be within +/-100 Hz of the nominal tuning. The Filter does NOT affect the waterfall display allowing you to see adjacent V4 activity and allows the "click-to-tune" capability of the waterfall."
"
73, Peter

--- In V4Protocol@yahoogroups.com, "la7um" <la7um@...> wrote:
>
> According to Rick, the filter IS working. Waterfall changed to showing PRE filter, so you still can see stations on both sides. If I got that right. 73 Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com, "Harry" <w9ib73@> wrote:
> >
> > Rick
> >
> > Everything works very well except for the Filter. When clicking on the filter the waterfall does not shrink to 200 Hz. I recall it working several versions ago. That feature is very helpful.
> >
> > A contact today with NY3J confirmed that the Filter does not work at is location.
> >
> > Thanks for the great work on V4
> >
> > Harry W9IB
> >
>

2287. Re: Version 0.6.3.0 Filter

Yahoo group: V4Protocol
Date: 2011-09-29 21:17:28 UTC
From: Peter Zingsheim
Topic: 2282 Message: 2287

sri for bw & duplicate within 3 mins. 73, Peter

--- In V4Protocol@yahoogroups.com, "Peter Zingsheim" <oe6zh@...> wrote:
> remainder snipped...

2288. AW: [V4Protocol] Version 0.6.3.0 Filter

Yahoo group: V4Protocol
Date: 2011-09-29 20:11:10 UTC
From: Siegfried Jackstien
Topic: 2282 Message: 2288

Filter for receive still works but the waterfall is taken before the filter
to have a wider view for stations on neighbour channel
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Harry
> Gesendet: Donnerstag, 29. September 2011 19:59
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Version 0.6.3.0 Filter
>
>
>
> Rick
>
> Everything works very well except for the Filter. When clicking on the
> filter the waterfall does not shrink to 200 Hz. I recall it working
> several versions ago. That feature is very helpful.
>
> A contact today with NY3J confirmed that the Filter does not work at is
> location.
>
> Thanks for the great work on V4
>
> Harry W9IB
>
>
>
>

2289. Re: Version 0.6.3.0 Filter

Yahoo group: V4Protocol
Date: 2011-09-29 23:56:15 UTC
From: la7um
Topic: 2282 Message: 2289

Ok. Seems that ALL the helpers DID get it right. And some of us have even read part of the help info, hi, though not quoting it. SW works WELL!! Right?? 73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Siegfried Jackstien" <siegfried.jackstien@...> wrote:
>
> Filter for receive still works but the waterfall is taken before the filter
> to have a wider view for stations on neighbour channel
> Dg9bfc
> Sigi
>
>
> > -----Ursprï¿½ngliche Nachricht-----
> > Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> > Auftrag von Harry
> > Gesendet: Donnerstag, 29. September 2011 19:59
> > An: V4Protocol@yahoogroups.com
> > Betreff: [V4Protocol] Version 0.6.3.0 Filter
> >
> >
> >
> > Rick
> >
> > Everything works very well except for the Filter. When clicking on the
> > filter the waterfall does not shrink to 200 Hz. I recall it working
> > several versions ago. That feature is very helpful.
> >
> > A contact today with NY3J confirmed that the Filter does not work at is
> > location.
> >
> > Thanks for the great work on V4
> >
> > Harry W9IB
> >
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2290. 20 mtr Dead as Dodo in VK

Yahoo group: V4Protocol
Date: 2011-09-30 13:18:40 UTC
From: dromana@drivein.net.au
Topic: 2274 Message: 2290

Hi all,
0.6.3.0 installed manually fine, but 14073 - 20 mtr in general has been dead in VK for over a week now.
If dosent pick up tomorrow, Ill try sitting on 7073 or 7045 - I leave my system running when Im out for a while, so others can connect ARQ if wish. (also, I get to see who is about).

Cheers

Paul Whitaker
VK3DPW

2291. Port 8510 blocked

Yahoo group: V4Protocol
Date: 2011-09-30 16:17:56 UTC
From: jarhead65619
Topic: 2291 Message: 2291

I have encounted problems with all versions after 0.6.1.0 that indicate that port 8510 is blocked and auto update doesn't work. I did a complete new install with version 0.6.2.0 and did not enter my registration number. The program opened normally and the auto-update worked to 0.6.3.0 version. I entered my registration number and it immediately showed that port 8510 was blocked and the TNC was not available. Does someone have an answer as to why a registration number entry would block port 8510?

Ray KB0E

2292. RE: [V4Protocol] Port 8510 blocked

Yahoo group: V4Protocol
Date: 2011-09-30 17:10:08 UTC
From: K6KAR
Topic: 2291 Message: 2292

Ray,

Yes. A friend of mine recently had this problem. What he did is totally uninstall V4. He also went into the remaining V4 folders and deleted all folders and files. Then he then installed the latest V4 version. Apparently there was a file from a previous installation causing the problem. In any case, this fixed the problem.

73,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of jarhead65619
Sent: Friday, September 30, 2011 11:18 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Port 8510 blocked

I have encounted problems with all versions after 0.6.1.0 that indicate that port 8510 is blocked and auto update doesn't work. I did a complete new install with version 0.6.2.0 and did not enter my registration number. The program opened normally and the auto-update worked to 0.6.3.0 version. I entered my registration number and it immediately showed that port 8510 was blocked and the TNC was not available. Does someone have an answer as to why a registration number entry would block port 8510?

Ray KB0E

2293. Re: [V4Protocol] Port 8510 blocked

Yahoo group: V4Protocol
Date: 2011-09-30 17:13:25 UTC
From: Rick Muething
Topic: 2291 Message: 2293

Ray,
When it says the Port is blocked it is most usually that you have another instance of the TNC running. If they are setup to use the same port (e.g. They were launched with the same port code) there will be a conflict. Normally the V4 Chat takes full control of starting, checking for existing instances and shutting down the V4 TNC. but if you attempt or somehow start a second instance the port will be blocked. Since this is not happening with most users and I don’t see it here I suspect it is because you have launched a second instance or not killed an existing instance. You can use Task manager to check for instances (usually shown as the V4 TNC process). If you don’t launch the V4 TNC by itself (letting V4Chat do it) you shouldn’t have the problem.

Rick KN6KB

From: jarhead65619
Sent: Friday, September 30, 2011 12:17 PM
To: V4Protocol@...m
Subject: [V4Protocol] Port 8510 blocked

I have encounted problems with all versions after 0.6.1.0 that indicate that port 8510 is blocked and auto update doesn't work. I did a complete new install with version 0.6.2.0 and did not enter my registration number. The program opened normally and the auto-update worked to 0.6.3.0 version. I entered my registration number and it immediately showed that port 8510 was blocked and the TNC was not available. Does someone have an answer as to why a registration number entry would block port 8510?

Ray KB0E

2294. Re: [V4Protocol] Port 8510 blocked

Yahoo group: V4Protocol
Date: 2011-09-30 17:30:11 UTC
From: Rick Muething
Topic: 2291 Message: 2294

Kirk,
While I am not familiar with the case you mentioned I do not believe that is the case. There is no file left after an uninstallation that can do that. When you erase or clear out the directories you eliminate your settings, Your registration key (if registered) your back up registration key, your log book etc. If you have a “port blocked” situation all that is really required is to find the instance that is already running and kill it or to simply reboot the computer if you don’t know how to kill an orphaned instance with the task manager.

Believe me I have been writing these TNCs (WINMOR and V4) for over 4 years and I do understand how they work and why a port gets blocked.

Rick KN6KB

From: K6KAR
Sent: Friday, September 30, 2011 1:10 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Port 8510 blocked

Ray,

Yes. A friend of mine recently had this problem. What he did is totally uninstall V4. He also went into the remaining V4 folders and deleted all folders and files. Then he then installed the latest V4 version. Apparently there was a file from a previous installation causing the problem. In any case, this fixed the problem.

73,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of jarhead65619
Sent: Friday, September 30, 2011 11:18 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Port 8510 blocked

I have encounted problems with all versions after 0.6.1.0 that indicate that port 8510 is blocked and auto update doesn't work. I did a complete new install with version 0.6.2.0 and did not enter my registration number. The program opened normally and the auto-update worked to 0.6.3.0 version. I entered my registration number and it immediately showed that port 8510 was blocked and the TNC was not available. Does someone have an answer as to why a registration number entry would block port 8510?

Ray KB0E

2295. RE: [V4Protocol] Port 8510 blocked

Yahoo group: V4Protocol
Date: 2011-09-30 17:36:14 UTC
From: Ray
Topic: 2291 Message: 2295

Thanks Rick, what you say is logical, however as long as I don't enter my registration number the program operates as it should. Entering the registration number, either on the nag screen or on the designated place, the program closes out and when it restarts the port is not available and the TNC is not displayed. BTW, I have looked for a second instance of the TNC and nothing is indicated. I am using 0.6.3.0 without entering the registration number and it is working great.

Ray KB0E

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Friday, September 30, 2011 12:13 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Port 8510 blocked

Ray,

When it says the Port is blocked it is most usually that you have another instance of the TNC running. If they are setup to use the same port (e.g. They were launched with the same port code) there will be a conflict. Normally the V4 Chat takes full control of starting, checking for existing instances and shutting down the V4 TNC. but if you attempt or somehow start a second instance the port will be blocked. Since this is not happening with most users and I don't see it here I suspect it is because you have launched a second instance or not killed an existing instance. You can use Task manager to check for instances (usually shown as the V4 TNC process). If you don't launch the V4 TNC by itself (letting V4Chat do it) you shouldn't have the problem.

Rick KN6KB

2296. Re: [V4Protocol] Port 8510 blocked

Yahoo group: V4Protocol
Date: 2011-09-30 18:02:35 UTC
From: Owen Mitchell
Topic: 2291 Message: 2296

Ray, You have just described the exact problem that I just had. I send the Attachment of the error to Rick.

I was using v.0.6.3.0 and all was well. I got the same message that I was registered. Then the error sign with port 8510. It will NOT play even after a complete reboot of the system.

 I know what to do. you have to take out the resistration code in the .ini file and it will run as normal.

It is the registration process that is locking it up. Mabe Rick will read our comments.

Owen KB5XE Albuquerque, NM icstars@...

From: Ray <ray.goodall@...>
To: V4Protocol@yahoogroups.com
Sent: Friday, September 30, 2011 11:36 AM
Subject: RE: [V4Protocol] Port 8510 blocked

Thanks
Rick, what you say is logical, however as long as I don't enter my registration number the program operates as it should. Entering the registration number, either on the nag screen or on the designated place, the program closes out and when it restarts the port is not available and the TNC is not displayed. BTW, I have looked for a second instance of the TNC and nothing is indicated. I am using 0.6.3.0 without entering the registration number and it is working great.

RayKB0E

From:V4Protocol@yahoogroups.com [mailto: V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Friday, September 30, 2011 12:13 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Port 8510 blocked

Ray,
When it says the Port is blocked it is most usually that you have another instance of the TNC running. If they are setup to use the same port (e.g. They were launched with the same port code) there will be a conflict. Normally the V4 Chat takes full control of starting, checking for existing instances and shutting down the V4 TNC. but if you attempt or somehow start a second instance the port will

be blocked. Since this is not happening with most users and I don’t see it here I suspect it is because you have launched a second instance or not killed an existing instance. You can use Task manager to check for instances (usually shown as the V4 TNC process). If you don’t launch the V4 TNC by itself (letting V4Chat do it) you shouldn’t have the problem.

Rick KN6KB

2297. RE: [V4Protocol] Port 8510 blocked

Yahoo group: V4Protocol
Date: 2011-09-30 18:31:15 UTC
From: K6KAR
Topic: 2291 Message: 2297

Rick,

I believe you. I just reported what was told to me!

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Friday, September 30, 2011 12:30 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Port 8510 blocked

Kirk,

While I am not familiar with the case you mentioned I do not believe that is the case. There is no file left after an uninstallation that can do that. When you erase or clear out the directories you eliminate your settings, Your registration key (if registered) your back up registration key, your log book etc. If you have a “port blocked” situation all that is really required is to find the instance that is already running and kill it or to simply reboot the computer if you don’t know how to kill an orphaned instance with the task manager.

Believe me I have been writing these TNCs (WINMOR and V4) for over 4 years and I do understand how they work and why a port gets blocked.

Rick KN6KB

From: K6KAR <mailto:kirk.harding@...>

Sent: Friday, September 30, 2011 1:10 PM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] Port 8510 blocked

Ray,

Yes. A friend of mine recently had this problem. What he did is totally uninstall V4. He also went into the remaining V4 folders and deleted all folders and files. Then he then installed the latest V4 version. Apparently there was a file from a previous installation causing the problem. In any case, this fixed the problem.

73,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of jarhead65619
Sent: Friday, September 30, 2011 11:18 AM

To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Port 8510 blocked

I have encounted problems with all versions after 0.6.1.0 that indicate that port 8510 is blocked and auto update doesn't work. I did a complete new install with version 0.6.2.0 and did not enter my registration number. The program opened normally and the auto-update worked to 0.6.3.0 version. I entered my registration number and it immediately showed that port 8510 was blocked and the TNC was not available. Does someone have an answer as to why a registration number entry would block port 8510?

Ray KB0E

2298. RE: [V4Protocol] Re: V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30

Yahoo group: V4Protocol
Date: 2011-09-30 23:00:12 UTC
From: Adam Rozanski
Topic: 1803 Message: 2298

Hi John still trying but still no luck got into France so will ket you one of thes days73 Adam ka2uol
To: V4Protocol@yahoogroups.com
From: jhowell@netcomuk.co.uk
Date: Sat, 10 Sep 2011 20:01:03 +0000
Subject: [V4Protocol] Re: V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30

Hi Adam

Just using a dipole and 50 watts. It was OK for Amtor so when conditions are right it should work.

John GM4ZQH

--- In V4Protocol@yahoogroups.com, Adam Rozanski <rozanski@...> wrote:

>

>

> tryed to call you a few times but band not that good today will keep trying now that I have your call will make it some dayAdam ka2uol

> To: V4Protocol@yahoogroups.com

> From: jhowell@...

> Date: Fri, 9 Sep 2011 18:08:10 +0000

> Subject: [V4Protocol] Re: V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30

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> Hi Adam

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> Just heard you at 17:59 but you can t hear me. Also heard SV1UY

>

> and KB0E earlier

>

>

>

> John GM4ZQH was not at the rig to see signal strength .

>

>

>

> --- In V4Protocol@yahoogroups.com, Adam Rozanski <rozanski@> wrote:

>

> >

>

> >

>

> > Thank you John will look for you but you did not gine your call 73 Adam ka2uol

>

> > To: V4Protocol@yahoogroups.com

>

> > From: jhowell@

>

> > Date: Thu, 8 Sep 2011 20:40:49 +0000

>

> > Subject: [V4Protocol] V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30

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> > The following stations CQ signals were clearly decoded in Edinburgh this evening. Unfortunately I was cooking dinner having just set V4 in operation .

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>

> > W3JAL........KB0E.......KA2UOL......VE3FWF.

>

> >

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>

> > I shall try and be on frequency at these times to join in the fun :)

>

> >

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> >

>

> >

>

> > Some ARQ conversations were partially decoded from stations unknown.

>

> >

>

2299. Re: [V4Protocol] Re: V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30

Yahoo group: V4Protocol
Date: 2011-10-01 12:29:05 UTC
From: Mcgaha Edward
Topic: 1803 Message: 2299

It would help if you put the freq. in on these post. DB7EM

From: Adam Rozanski <rozanski@...>
To: v4protocol@yahoogroups.com
Sent: Saturday, October 1, 2011 1:00 AM
Subject: RE: [V4Protocol] Re: V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30

Hi John still trying but still no luck got into France so will ket you one of thes days
73 Adam ka2uol

To: V4Protocol@yahoogroups.com
From: jhowell@...
Date: Sat, 10 Sep 2011 20:01:03 +0000
Subject: [V4Protocol] Re: V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30

Hi Adam

Just using a dipole and 50 watts. It was OK for Amtor so when conditions are right it should work.

John GM4ZQH

--- In V4Protocol@yahoogroups.com, Adam Rozanski <rozanski@...> wrote:
>
>
> tryed to call you a few times but band not that good today will keep trying now that I have your call will make it some dayAdam ka2uol
> To: V4Protocol@yahoogroups.com
> From: jhowell@...
> Date: Fri, 9 Sep 2011 18:08:10 +0000
> Subject: [V4Protocol] Re: V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30
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>
> Hi Adam
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>
>
> Just heard you at 17:59 but you can t hear me. Also heard SV1UY
>
> and KB0E earlier
>
>
>
> John GM4ZQH was not at the rig to see signal strength .
>
>
>
> --- In V4Protocol@yahoogroups.com, Adam Rozanski <rozanski@> wrote:
>
> >
>
> >
>
> > Thank you John will look for you but you did not gine your call 73 Adam ka2uol
>
> > To: V4Protocol@yahoogroups.com
>
> > From: jhowell@
>
> > Date: Thu, 8 Sep 2011 20:40:49 +0000
>
> > Subject: [V4Protocol] V4 signals decoded in Edinburgh 2011:08:08 18:30/19:30
>
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> >
>
> > The following stations CQ signals were clearly decoded in Edinburgh this evening. Unfortunately I was cooking dinner having just set V4 in operation .
>
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> >
>
> >
>
> > W3JAL.....KB0E.....KA2UOL.....VE3FWF.
>
> >
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> >
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>
> > I shall try and be on frequency at these times to join in the fun :)
>
> >
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>
> > Some ARQ conversations were partially decoded from stations unknown.
>
> >
>

2300. Re: [V4Protocol] Port 8510 blocked

Yahoo group: V4Protocol
Date: 2011-10-01 12:38:34 UTC
From: Ian Wade G3NRW
Topic: 2291 Message: 2300

___Original Message_____________________________________
From: Rick Muething <rmuething@...>
Date: Fri, 30 Sep 2011 Time: 13:13:25

>Ray,
>When it says the Port is blocked it is most usually that you have
>another instance of the TNC running. If they are setup to use the same
>port (e.g. They were launched with the same port code) there will be a
>conflict. Normally the V4 Chat takes full control of starting, checking
>for existing instances and shutting down the V4 TNC. but if you
>attempt or somehow start a second instance the port will be blocked.
>Since this is not happening with most users and I don't see it here I
>suspect it is because you have launched a second instance or not killed
>an existing instance. You can use Task manager to check for instances
>(usually shown as the V4 TNC process). If you don't launch the V4
>TNC by itself (letting V4Chat do it) you shouldn't have the problem.
>

Rick

I too have seen this problem three or four times over recent releases.
After I realized what was happening, I have been very careful not to
launch the program more than once at a time, but an extra TNC process
seems to appear sometimes all by itself. Killing it with Task Manager as
you describe has always fixed the problem.

Running Windows XP + SP3 etc.

--
73
Ian, G3NRW

2301. Re: [V4Protocol] Port 8510 blocked

Yahoo group: V4Protocol
Date: 2011-10-01 12:59:11 UTC
From: Stan Kozlowitz
Topic: 2291 Message: 2301

It is also logical for PROGRAM to release the port when it closes.

Stan Kozlowitz
aa5xo@...
aa5xo@...
NNN0YSD@...

304-880-5110

From: Ray <ray.goodall@...>
To: V4Protocol@yahoogroups.com
Sent: Friday, September 30, 2011 1:36 PM
Subject: RE: [V4Protocol] Port 8510 blocked

Thanks
Rick, what you say is logical, however as long as I don't enter my registration number the program operates as it should. Entering the registration number, either on the nag screen or on the designated place, the program closes out and when it restarts the port is not available and the TNC is not displayed. BTW, I have looked for a second instance of the TNC and nothing is indicated. I am using 0.6.3.0 without entering the registration number and it is working great.

RayKB0E

From:V4Protocol@yahoogroups.com [mailto: V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Friday, September 30, 2011 12:13 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Port 8510 blocked

Ray,
When it says the Port is blocked it is most usually that you have another instance of the TNC running. If they are setup to use the same port (e.g. They were launched with the same port code) there will be a conflict. Normally the V4 Chat takes full control of starting, checking for existing instances and shutting down the V4 TNC. but if you attempt or somehow start a second instance the port will be blocked. Since this is not happening with most users and I don't see it here I suspect it is because you have launched a second instance or not killed an existing instance. You can use Task manager to check for instances (usually shown as the V4 TNC process). If you don't

launch the V4 TNC by itself (letting V4Chat do it) you shouldn’t have the problem.

Rick KN6KB

2302. Chat 30 mtrs anyone?

Yahoo group: V4Protocol
Date: 2011-10-01 16:56:40 UTC
From: Dick Lamberson
Topic: 2302 Message: 2302

I'm on 10131 calling CQ att (1700Z)
Dick, W4WEB

2303. V4 QRV 7045

Yahoo group: V4Protocol
Date: 2011-10-01 19:35:56 UTC
From: Juhani
Topic: 2303 Message: 2303

QRV for system testing. I'm backround but you can try connect. 73 "Yussi" OH7TE KP20ie FIN EU

2304. Re: Port 8510 blocked

Yahoo group: V4Protocol
Date: 2011-10-01 20:27:48 UTC
From: Peter
Topic: 2291 Message: 2304

My V4 Chat auto registered this afternoon with the following start-up message:

*** Startup of V4Chat Ver 0.6.3.0 ; Auto Update Enabled using HTTP port 8776
*** Failure to open Command Port 8510 to V4 TNC.
Check and make sure port is unused.
*** Failure to open Open V4 TNC.

As it was working perfectly before the auto registration I tried going back to yesterdays 'old' .exe and .ini files with the same result.

I did a system restore to yesterday to get V4 to work correctly again.

Another point - the registration window says that a backup file has been saved to V4 TNC.ini.G3JFS. I searched the V4 files and my hard drive but cannot find this file or the registration key(which I did write down).

I launch V4 from a desk top shortcut and have never ever had a problem running it before the auto update kicked in. My Task Manager shows only one instance of V4 running.

My computer is a dual core Pentium with Windows XP Media Centre Edition SP3.

73 Peter G3JFS

--- In V4Protocol@yahoogroups.com, Ian Wade G3NRW <g3nrw-radio@...> wrote:
>
> ___Original Message_____
> From: Rick Muething <rmuething@...>
> Date: Fri, 30 Sep 2011 Time: 13:13:25
>
> >Ray,
> >When it says the Port is blocked it is most usually that you have
> >another instance of the TNC running. If they are setup to use the same
> >port (e.g. They were launched with the same port code) there will be a
> >conflict. Normally the V4 Chat takes full control of starting, checking
> >for existing instances and shutting down the V4 TNC. but if you
> >attempt or somehow start a second instance the port will be blocked.
> >Since this is not happening with most users and I donâ☐☐t see it here I
> >suspect it is because you have launched a second instance or not killed
> >an existing instance. You can use Task manager to check for instances
> >(usually shown as the V4 TNC process). If you donâ☐☐t launch the V4
> >TNC by itself (letting V4Chat do it) you shouldnâ☐☐t have the problem.
> >
>
> Rick
>
> I too have seen this problem three or four times over recent releases.

> After I realized what was happening, I have been very careful not to
> launch the program more than once at a time, but an extra TNC process
> seems to appear sometimes all by itself. Killing it with Task Manager as
> you describe has always fixed the problem.
>
> Running Windows XP + SP3 etc.
>
> --
> 73
> Ian, G3NRW
>

2305. Port 8510 Blocked

Yahoo group: V4Protocol
Date: 2011-10-02 04:34:19 UTC
From: Harry
Topic: 2305 Message: 2305

I have the same problem as reported by G3JFS.
Uninstalled program and installed and had same problem.
Loaded program on a different computer and working OK
Using Windows XP on both computers

Harry W9IB

2306. Port 8510 Failure

Yahoo group: V4Protocol
Date: 2011-10-02 04:37:53 UTC
From: Harry
Topic: 2306 Message: 2306

Forgot to mention that I did not try to load registration number on other computer.

Harry W9IB

2307. Auto Registration / Port 8510 blocked

Yahoo group: V4Protocol
Date: 2011-10-02 11:10:21 UTC
From: John Wiseman
Topic: 2291 Message: 2307

I am sure there is a problem with the Auto Registration process, at least on my machine running Windows 7 Starter, with Outlook as email client.

What I did was:

Start V4TNC with a V4TNC.ini file not containing Registration= or Registration Email Sent= lines. Registration popup appeared. I entered my registration code, and the Auto Registration Thank you box appears. I closed the box, and the TNC also closed. The backup file wasn't created, and as far as I can see, no email was sent. There were no errors in the Exceptions log, and the Debug log contained:

2011/10/02 10:44:00.55 [0.6.3.0] New ARQ State: IRSWaitLeader

2011/10/02 10:44:00.57 [0.6.3.0] ClearSession 4

2011/10/02 10:44:01.94 [0.6.3.0] [StartCodec] Setting SelectedPlaybackDevice = Speakers (7- USB Audio CODEC)-e6

2011/10/02 10:44:02.83 [0.6.3.0] [StartCodec] Successful start of codec

2011/10/02 10:44:02.87 [0.6.3.0] ClearSession 4

2011/10/02 10:44:32.33 [0.6.3.0] [StopCodec] Stop thrNotify with blnSCCapturing = False

2011/10/02 10:44:33.35 [0.6.3.0] [StopCodec] blnInWaitThread = False, thrNotify ended.

2011/10/02 10:44:33.61 [0.6.3.0] [StopCodec] = True

I checked the .ini file, and the Registration= line was now present. Restarting the TNC give the "Email will be sent" popup. The TNC window did not appear, but the log indicated it had started. Again the TNC closed when I closed the popup.

2011/10/02 10:44:58.63 [0.6.3.0] New ARQ State: IRSWaitLeader

2011/10/02 10:44:58.68 [0.6.3.0] ClearSession 4

2011/10/02 10:45:07.05 [0.6.3.0] [StopCodec] Stop thrNotify with blnSCCapturing = False

2011/10/02 10:45:08.06 [0.6.3.0] [StopCodec] blnInWaitThread = False, thrNotify ended.

2011/10/02 10:45:08.42 [0.6.3.0] [StopCodec] = True

This repeated every time I tried to start the TNC, until I manually added a Registration Email Sent= line to the .ini file. Then the TNC started normally.

If I didn't enter my registration key, the TNC would run unregistered.

So, to sum up, the TNC seems to work if the registration lines are missing from the V4TNC.ini file, so long as I don't try to register.

If I have the Registration= line, but not the Registration Email Sent= line, the TNC will always close when I close the "email will be sent" popup.

73,

John G8BPQ

2308. Re: Port 8510 blocked - Update

Yahoo group: V4Protocol
Date: 2011-10-02 18:18:59 UTC
From: Peter
Topic: 2291 Message: 2308

Hi all,

Today I installed V4 Chat 0.6.3.0 on an old computer running XP SP3. On entering my registration key the registration process was carried out, the program ran as it should and the appropriate entries appeared in the .ini files. A minor problem was that the e-mail did not get sent because it wanted to use Outlook Express which is not set up on my computer.

Because this 'clean' installation of 0.6.3.0 worked perfectly on entering the Reg key it seems to me that something in the V4 program files on my shack computer has been upset during the course of installing the many updates since I started using the program.

Peter, G3JFS

--- In V4Protocol@yahoogroups.com, "Peter" <pseejfs@...> wrote:
>
> My V4 Chat auto registered this afternoon with the following start-up message:
>
>
> *** Startup of V4Chat Ver 0.6.3.0 ; Auto Update Enabled using HTTP port 8776
> *** Failure to open Command Port 8510 to V4 TNC.
> Check and make sure port is unused.
> *** Failure to open Open V4 TNC.
>
>
> As it was working perfectly before the auto registration I tried going back to yesterdays 'old' .exe and .ini files with the same result.
>
> I did a system restore to yesterday to get V4 to work correctly again.
>
> Another point - the registration window says that a backup file has been saved to V4 TNC.ini.G3JFS. I searched the V4 files and my hard drive but cannot find this file or the registration key(which I did write down).
>
> I launch V4 from a desk top shortcut and have never ever had a problem running it before the auto update kicked in. My Task Manager shows only one instance of V4 running.
>
> My computer is a dual core Pentium with Windows XP Media Centre Edition SP3.
>
> 73 Peter G3JFS

2309. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-10-03 19:27:29 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2309

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4 TNC Trial 0.6.3.3.zip
Uploaded by : kn6kb <rmuething@...>
Description : Trial Version of V4 TNC to fix registration issues and reduce CPU loading

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4%20TNC%20Trial%200.6.3.3.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2310. Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Yahoo group: V4Protocol
Date: 2011-10-03 19:34:07 UTC
From: kn6kb
Topic: 2310 Message: 2310

All,

This is a trial patch for test and comments. It should fix problems some have had with autoregistration and port problems on startup.

It also has some changes to reduce CPU loading primarily during searches while looking for V4 Signal. These appear to work fine here on the simulator and reduce the CPU loading a little less than half when the program is idle looking for a V4 signal.

To try this follow this:
DO NOT UNINSTALL THE CURRENT V4Chat version (0.6.3.0)

1) Make a backup version of your current V4 TNC.exe version 0.6.3.0 file.
2) Download the zip file V4 TNC 0.6.3.3
3) Unzip and place the V4 TNC.exe into your V4Chat directory.

Run your V4Chat as normal.

Please let me know if you have any problems with this version. If it checks out well I will put on autoupdate.

73,

Rick KN6KB

V4 TNC Revision History

Date Rev # Summary ofChanges

Oct 3, 2011 0.6.3.3 Test version to fix startup problems after auto registration (moved to tmrStartup thread)
The following were done to reduce CPU loading:
Modification of SearchforAMLeader47B2 to use FFT in place of Goertzel for initial tone search
In Protocol.ProcessNewCaputredData change inc during leader search from 1024 (1 symbol) to 2048 (2 symbols)
Move Envelope processing and filtering to after corellation in SeachforAMLeader47B2 and make it conditional on Correlation > than threshold.

2311. Re: Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Yahoo group: V4Protocol
Date: 2011-10-03 20:01:06 UTC
From: dg9bfc
Topic: 2310 Message: 2311

after updating to 633 i have now TWO registration reminding screens
afetr clicking on remind me later everything works as normal
dg9bfc
sigi

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>
> This is a trial patch for test and comments. It should fix problems some have had with autoregistration and port problems on startup.
>
> It also has some changes to reduce CPU loading primarily during searches while looking for V4 Signal. These appear to work fine here on the simulator and reduce the CPU loading a little less than half when the program is idle looking for a V4 signal.
>
> To try this follow this:
> DO NOT UNINSTALL THE CURRENT V4Chat version (0.6.3.0)
>
> 1) Make a backup version of your current V4 TNC.exe version 0.6.3.0 file.
> 2) Download the zip file V4 TNC 0.6.3.3
> 3) Unzip and place the V4 TNC.exe into your V4Chat directory.
>
> Run your V4Chat as normal.
>
> Please let me know if you have any problems with this version. If it checks out well I will put on autoupdate.
>
> 73,
>
> Rick KN6KB
>
>
>
> V4 TNC Revision History
>
> Date Rev # Summary ofChanges
>
> Oct 3, 2011 0.6.3.3 Test version to fix startup problems after auto registration (moved to tmrStartup thread)
> The following were done to reduce CPU loading:
> Modification of SearchforAMLeader47B2 to use FFT in place of Goertzel for initial tone search
> In Protocol.ProcessNewCaputredData change inc during leader search from 1024 (1 symbol)
> to 2048 (2 symbols)

> Move Envelope processing and filtering to after corellation in SeachforAMLeader47B2 and
> make it conditional on Correlation > than threshold.
>

2312. Re: Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Yahoo group: V4Protocol
Date: 2011-10-03 20:26:02 UTC
From: la7um
Topic: 2310 Message: 2312

Rick. After restart of the PC it report failure to open port 8510, and ask the Firewall for server privileges.

If waiting a loooong time a new windows pop up tells a permanent failure opening this 8510 port.

Clicking that warning away it opens ok, but does NOT shut down when closing Chat program.

Forcing shut down (in the Help menu) do shut down the task manager.

Next try opening the Firewall screams again, wanting being a server.
If accepting that firewall question the TNC opens ok.

AND NOW shut down normally when closing the V4Chat itself.

Now the Firewall IS open and next time both Chat and TNC opens without complaint. And shut down normally

This has for me been the issue also in 0.6.3.0 So no change here

I succesfully earlier got the registration issue, so that is never a problem, just the claim to the Firewall opening the port 8510 for server use. Every first time after rebooting the PC.

If I give it Server privileges, then it the TNC opens up.

I also expect that if I tell the firewall to PERMANENTLY give it server privileges on 8510 it will always start perfect after reboot.

Now the fun is to check for the enhanced QSO reading abilites.

Hope that helps somehow to begin with.....
73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>
> This is a trial patch for test and comments. It should fix problems some have had with autoregistration and port problems on startup.
>
> It also has some changes to reduce CPU loading primarily during searches while looking for V4 Signal. These appear to work fine here on the simulator and reduce the CPU loading a little less than half when the program is idle looking for a V4 signal.
>
> To try this follow this:
> DO NOT UNINSTALL THE CURRENT V4Chat version (0.6.3.0)
>

> 1) Make a backup version of your current V4 TNC.exe version 0.6.3.0 file.
> 2) Download the zip file V4 TNC 0.6.3.3
> 3) Unzip and place the V4 TNC.exe into your V4Chat directory.
>
> Run your V4Chat as normal.
>
> Please let me know if you have any problems with this version. If it checks out well I will put on autoupdate.
>
> 73,
>
> Rick KN6KB
>
>
>
> V4 TNC Revision History
>
> Date Rev # Summary ofChanges
>
> Oct 3, 2011 0.6.3.3 Test version to fix startup problems after auto registration (moved to tmrStartup thread)
> The following were done to reduce CPU loading:
> Modification of SearchforAMLeader47B2 to use FFT in place of Goertzel for initial tone search
> In Protocol.ProcessNewCaputredData change inc during leader search from 1024 (1 symbol)
> to 2048 (2 symbols)
> Move Envelope processing and filtering to after corellation in SeachforAMLeader47B2 and
> make it conditional on Correlation > than threshold.
>

2313. Re: [V4Protocol] Re: Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Yahoo group: V4Protocol
Date: 2011-10-03 20:30:11 UTC
From: Rick Muething
Topic: 2310 Message: 2313

Finn,/All

”I also expect that if I tell the firewall to PERMANENTLY give it server privileges on 8510 it will always start perfect after reboot.”

Sure....that is the whole idea! If you are going to let the firewall pass the connection then create a permanent “rule” for this application.

There has to be a timeout (now 15 seconds) in V4 Chat that says ....if you can’t connect to the V4 TNC in this time then declare an error. Once the firewall is set up it should work every time.

Rick KN6KB

2314. RE: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Yahoo group: V4Protocol
Date: 2011-10-03 20:36:28 UTC
From: Ray
Topic: 2310 Message: 2314

Afternoon Rick

Per your instructions, I installed The V4 TNC revision 0.6.3.3 and it works only partially. Port 8510 is no longer blocked when the registration number is entered, but the TNC leaves the screen and is not visible when V4Chat is running. Removed the registration number from the .ini file and it is back on the screen and working as it should. Perhaps one more small tweak?

Ray KB0E

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kn6kb
Sent: Monday, October 03, 2011 2:34 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

All,

This is a trial patch for test and comments. It should fix problems some have had with autoregistration and port problems on startup.

It also has some changes to reduce CPU loading primarily during searches while looking for V4 Signal. These appear to work fine here on the simulator and reduce the CPU loading a little less than half when the program is idle looking for a V4 signal.

To try this follow this:
DO NOT UNINSTALL THE CURRENT V4Chat version (0.6.3.0)

1) Make a backup version of your current V4 TNC.exe version 0.6.3.0 file.
2) Download the zip file V4 TNC 0.6.3.3
3) Unzip and place the V4 TNC.exe into your V4Chat directory.

Run your V4Chat as normal.

Please let me know if you have any problems with this version. If it checks out well I will put on autoupdate.

73,

Rick KN6KB

V4 TNC Revision History

Date Rev # Summary ofChanges

Oct 3, 2011 0.6.3.3 Test version to fix startup problems after auto registration (moved to tmrStartup thread)
The following were done to reduce CPU loading:
Modification of SearchforAMLeader47B2 to use FFT in place of Goertzel for initial tone search
In Protocol.ProcessNewCaputredData change inc during leader search from 1024 (1 symbol)
to 2048 (2 symbols)
Move Envelope processing and filtering to after corellation in SeachforAMLeader47B2 and
make it conditional on Correlation > than threshold.

2315. Re: [V4Protocol] Re: Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Yahoo group: V4Protocol
Date: 2011-10-03 20:35:22 UTC
From: Rick Muething
Topic: 2310 Message: 2315

Whoops...forgot to remove the duplicate. No harm. The duplicate will be removed on release.

Rick KN6KB

2316. Re: Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Yahoo group: V4Protocol
Date: 2011-10-03 21:17:47 UTC
From: la7um
Topic: 2310 Message: 2316

Rick, ok qsl. And now sensitivity comfirmed. Just had one nice qso to Italy I6QFZ Franco, and then just after, VE9NC Paul in Canada. Not bad 10W and G5RV. 73 Finn/LA7UM near Oslo, and thanks for a good mode....by the way when RX it would have been nice keeping the Cursor where I am typing in manual log. It moves away from there by any incoming text in upper right window.><

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Finn,/All
>
> â□□I also expect that if I tell the firewall to PERMANENTLY give it server privileges on 8510 it will always start perfect after reboot.â□□
>
> Sure....that is the whole idea! If you are going to let the firewall pass the connection then create a permanent â□□ruleâ□□ for this application.
>
> There has to be a timeout (now 15 seconds) in V4 Chat that says ....if you canâ□□t connect to the V4 TNC in this time then declare an error. Once the firewall is set up it should work every time.
>
> Rick KN6KB
>

2317. Re: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Yahoo group: V4Protocol
Date: 2011-10-03 22:40:01 UTC
From: Rick Muething
Topic: 2310 Message: 2317

Ray,
The registration number has nothing to do with the port blocking. You shouldn't have to enter the registration key at all it should auto register if you have made the required number of ARQ connections. This is working for almost everyone else? I see MANY auto registrations emails come through.

I can't tell anything by your description. Clear out the V4Chat and V4 TNC logs and debug logs. Then start up V4Chat. Send me the V4Chat log, V4Chat exception log and V4 TNC Debug log and I will take a look.

Rick

From: Ray
Sent: Monday, October 03, 2011 4:36 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Afternoon Rick

Per your instructions, I installed The V4 TNC revision 0.6.3.3 and it works only partially. Port 8510 is no longer blocked when the registration number is entered, but the TNC leaves the screen and is not visible when V4Chat is running. Removed the registration number from the .ini file and it is back on the screen and working as it should. Perhaps one more small tweak?

Ray KB0E

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kn6kb
Sent: Monday, October 03, 2011 2:34 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

All,

This is a trial patch for test and comments. It should fix problems some have had with autoregistration and port problems on startup.

It also has some changes to reduce CPU loading primarily during searches while looking for V4 Signal. These appear to work fine here on the simulator and reduce the CPU loading a little less than half when the program is idle looking for a V4 signal.

To try this follow this:
DO NOT UNINSTALL THE CURRENT V4Chat version (0.6.3.0)

1) Make a backup version of your current V4 TNC.exe version 0.6.3.0 file.
2) Download the zip file V4 TNC 0.6.3.3

3) Unzip and place the V4 TNC.exe into your V4Chat directory.

Run your V4Chat as normal.

Please let me know if you have any problems with this version. If it checks out well I will put on autoupdate.

73,

Rick KN6KB

V4 TNC Revision History

Date Rev # Summary ofChanges

Oct 3, 2011 0.6.3.3 Test version to fix startup problems after auto registration (moved to tmrStartup thread)
The following were done to reduce CPU loading:
Modification of SearchforAMLeader47B2 to use FFT in place of Goertzel for initial tone search
In Protocol.ProcessNewCaputredData change inc during leader search from 1024 (1 symbol) to 2048 (2 symbols)
Move Envelope processing and filtering to after corellation in SeachforAMLeader47B2 and make it conditional on Correlation > than threshold.

2318. V4 0.6.3.3

Yahoo group: V4Protocol
Date: 2011-10-03 22:45:47 UTC
From: Juhani
Topic: 2318 Message: 2318

Nwe version updated witkout any problems. I'm now 7045 looking sked partners. 73 "yussi" OH7TE

2319. RE: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Yahoo group: V4Protocol
Date: 2011-10-03 23:47:07 UTC
From: Ray
Topic: 2310 Message: 2319
Attachments: 4 described; binary payloads are missing from this source WARC

Rick

Okay, here are the files requested. I think I see the problem for it is indicating something else is using the port. However, whatever that something is, I cannot find it.

Ray KB0E

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Monday, October 03, 2011 5:40 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Ray,

The registration number has nothing to do with the port blocking. You shouldn't have to enter the registration key at all it should auto register if you have made the required number of ARQ connections. This is working for almost everyone else? I see MANY auto registrations emails come through.

I can't tell anything by your description. Clear out the V4Chat and V4 TNC logs and debug logs. Then start up V4Chat. Send me the V4Chat log, V4Chat exception log and V4 TNC Debug log and I will take a look.

Rick

From: Ray <mailto:ray.goodall@...>

Sent: Monday, October 03, 2011 4:36 PM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Afternoon Rick

Per your instructions, I installed The V4 TNC revision 0.6.3.3 and it works only partially. Port 8510 is no longer blocked when the registration number is entered, but the TNC leaves the screen and is not visible when V4Chat is running. Removed the registration number from the .ini file and it is back on the screen and working as it

should. Perhaps one more small tweak?

Ray KB0E

2320. 1st V4 QSO.

Yahoo group: V4Protocol
Date: 2011-10-04 00:02:06 UTC
From: Charles
Topic: 2320 Message: 2320

I finally got around to trying this mode. I downloaded the latest version, got it up and running in 20 minutes. Without really knowing what I was doing I contacted NR5G (thanks Lee). Now I'm going to read the instructions.

2321. Re: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Yahoo group: V4Protocol
Date: 2011-10-04 00:07:09 UTC
From: Rick Muething
Topic: 2310 Message: 2321

Ray,

If it won't bind to the port there are usually only two things that can cause that:
1) The port is blocked by a firewall/router. I don't think this is the case
2) Another program (or stub of the Current program) is still running and has the port open.
Fix by:
a) Restarting Windows
b) Use the task manager. Look at Processes (sort alphabetical) look for V4 TNC as a running process and kill it using Task manager.

It should start correctly then.

Rick KN6KB

From: Ray
Sent: Monday, October 03, 2011 7:47 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Rick

Okay, here are the files requested. I think I see the problem for it is indicating something else is using the port. However, whatever that something is, I cannot find it.

Ray KB0E

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Monday, October 03, 2011 5:40 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Ray,

The registration number has nothing to do with the port blocking. You shouldn't have to enter the registration key at all it should auto register if you have made the required number of ARQ connections. This is working for almost everyone else? I see MANY auto registrations emails come through.

I can't tell anything by your description. Clear out the V4Chat and V4 TNC logs and debug logs. Then start up V4Chat. Send me the V4Chat log, V4Chat exception log and V4 TNC Debug log and I will take a look.

Rick

From: Ray

Sent: Monday, October 03, 2011 4:36 PM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Afternoon Rick

Per your instructions, I installed The V4 TNC revision 0.6.3.3 and it works only partially. Port 8510 is no longer blocked when the registration number is entered, but the TNC leaves the screen and is not visible when V4Chat is running. Removed the registration number from the .ini file and it is back on the screen and working as it should. Perhaps one more small tweak?

Ray KB0E

2322. Re: Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Yahoo group: V4Protocol
Date: 2011-10-04 11:44:24 UTC
From: ham
Topic: 2310 Message: 2322

To determine if a port is open by a Windows program, download TCPVIEW from the Sysinternals site. This program displays all running programs and the corresponding TCP/UDP ports that are open.

73, Bernie

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Ray,
>
> If it wonâ☐☐t bind to the port there are usually only two things that can cause that:
> 1) The port is blocked by a firewall/router. I donâ☐☐t think this is the case
> 2) Another program (or stub of the Current program) is still running and has the port open. Fix by:
> a) Restarting Windows
> b) Use the task manager. Look at Processes (sort alphabetical) look for V4 TNC as a running process and kill it using Task manager.
>
> It should start correctly then.
>
> Rick KN6KB
>
>
> From: Ray
> Sent: Monday, October 03, 2011 7:47 PM
> To: V4Protocol@yahoogroups.com
> Subject: RE: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded
>
>
>
> Rick
>
>
> Okay, here are the files requested. I think I see the problem for it is indicating something else is using the port. However, whatever that something is, I cannot find it.
>
>
> Ray KB0E
>
>
> ---
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
> Sent: Monday, October 03, 2011 5:40 PM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

>
>
>
>
> Ray,
>
> The registration number has nothing to do with the port blocking. You shouldnâ□□t have to enter the registration key at all it should auto register if you have made the required number of ARQ connections. This is working for almost everyone else? I see MANY auto registrations emails come through.
>
>
> I canâ□□t tell anything by your description. Clear out the V4Chat and V4 TNC logs and debug logs. Then start up V4Chat. Send me the V4Chat log, V4Chat exception log and V4 TNC Debug log and I will take a look.
>
>
> Rick
>
>
> From: Ray
>
> Sent: Monday, October 03, 2011 4:36 PM
>
> To: V4Protocol@yahoogroups.com
>
> Subject: RE: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded
>
>
>
>
> Afternoon Rick
>
> Per your instructions, I installed The V4 TNC revision 0.6.3.3 and it works only partially. Port 8510 is no longer blocked when the registration number is entered, but the TNC leaves the screen and is not visible when V4Chat is running. Removed the registration number from the .ini file and it is back on the screen and working as it should. Perhaps one more small tweak?
>
> Ray KB0E
>
>
> ---
>

2323. AW: [V4Protocol] 1st V4 QSO.

Yahoo group: V4Protocol
Date: 2011-10-04 06:53:49 UTC
From: Siegfried Jackstien
Topic: 2320 Message: 2323

RTFM :-)
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Charles
> Gesendet: Dienstag, 4. Oktober 2011 00:02
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] 1st V4 QSO.
>
>
>
> I finally got around to trying this mode. I downloaded the latest version,
> got it up and running in 20 minutes. Without really knowing what I was
> doing I contacted NR5G (thanks Lee). Now I'm going to read the
> instructions.
>
>
>
>

2324. AW: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Yahoo group: V4Protocol
Date: 2011-10-04 06:55:33 UTC
From: Siegfried Jackstien
Topic: 2310 Message: 2324

Rick may i ask again how many contacts are needed for autoregister??
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Montag, 3. Oktober 2011 22:40
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3
> uploaded
>
>
>
> Ray,
> The registration number has nothing to do with the port blocking. You
> shouldn□t have to enter the registration key at all it should auto
> register if you have made the required number of ARQ connections. This is
> working for almost everyone else? I see MANY auto registrations emails
> come through.
>
> I can□t tell anything by your description. Clear out the V4Chat and V4
> TNC logs and debug logs. Then start up V4Chat. Send me the V4Chat log,
> V4Chat exception log and V4 TNC Debug log and I will take a look.
>
> Rick
>
> From: Ray <mailto:ray.goodall@gmail.com>
> Sent: Monday, October 03, 2011 4:36 PM
> To: V4Protocol@yahoogroups.com
> Subject: RE: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3
> uploaded
>
>
>
> Afternoon Rick
>
> Per your instructions, I installed The V4 TNC revision 0.6.3.3 and it
> works only partially. Port 8510 is no longer blocked when the
> registration number is entered, but the TNC leaves the screen and is not
> visible when V4Chat is running. Removed the registration number from the
> .ini file and it is back on the screen and working as it should. Perhaps
> one more small tweak?
>

> Ray KB0E
>
> _____
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of kn6kb
> Sent: Monday, October 03, 2011 2:34 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded
>
>
>
> All,
>
> This is a trial patch for test and comments. It should fix problems some
> have had with autoregistration and port problems on startup.
>
> It also has some changes to reduce CPU loading primarily during searches
> while looking for V4 Signal. These appear to work fine here on the
> simulator and reduce the CPU loading a little less than half when the
> program is idle looking for a V4 signal.
>
> To try this follow this:
> DO NOT UNINSTALL THE CURRENT V4Chat version (0.6.3.0)
>
> 1) Make a backup version of your current V4 TNC.exe version 0.6.3.0 file.
> 2) Download the zip file V4 TNC 0.6.3.3
> 3) Unzip and place the V4 TNC.exe into your V4Chat directory.
>
> Run your V4Chat as normal.
>
> Please let me know if you have any problems with this version. If it
> checks out well I will put on autoupdate.
>
> 73,
>
> Rick KN6KB
>
> V4 TNC Revision History
>
> Date Rev # Summary ofChanges
>
> Oct 3, 2011 0.6.3.3 Test version to fix startup problems after auto
> registration (moved to tmrStartup thread)
> The following were done to reduce CPU loading:
> Modification of SearchforAMLeader47B2 to use FFT in place of Goertzel for
> initial tone search
> In Protocol.ProcessNewCaputredData change inc during leader search from
> 1024 (1 symbol)

> to 2048 (2 symbols)
> Move Envelope processing and filtering to after corellation in
> SeachforAMLeader47B2 and
> make it conditional on Correlation > than threshold.
>
>

2325. Re: [V4Protocol] Re: Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Yahoo group: V4Protocol
Date: 2011-10-04 17:01:11 UTC
From: Yussuf
Topic: 2310 Message: 2325

Placed the new V4 TNC.exe into my V4Chat directory of W7 minilaptop and all
run fb!
Vy tnx Rick. 73 "Yussi" OH7TE

2011/10/4 ham <ve3fwf@...>

> **
>
>
>
>
> To determine if a port is open by a Windows program, download TCPVIEW from
> the Sysinternals site. This program displays all running programs and the
> corresponding TCP/UDP ports that are open.
>
> 73, Bernie
>
>
> --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
> >
> > Ray,
> >
> > If it wonâ€™t bind to the port there are usually only two things that can
> cause that:
> > 1) The port is blocked by a firewall/router. I donâ€™t think this is the
> case
>
> > 2) Another program (or stub of the Current program) is still running and
> has the port open. Fix by:
> > a) Restarting Windows
> > b) Use the task manager. Look at Processes (sort alphabetical) look for
> V4 TNC as a running process and kill it using Task manager.
> >
> > It should start correctly then.
> >
> > Rick KN6KB
> >
> >
> > From: Ray
> > Sent: Monday, October 03, 2011 7:47 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: RE: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3
> uploaded
> >
> >

> >
> > Rick
> >
> >
> > Okay, here are the files requested. I think I see the problem for it is
> indicating something else is using the port. However, whatever that
> something is, I cannot find it.
> >
> >
> > Ray KB0E
> >
> >
> > ----------
>
> >
> > From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of Rick Muething
> > Sent: Monday, October 03, 2011 5:40 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: Re: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3
> uploaded
> >
> >
> >
> >
> > Ray,
> >
> > The registration number has nothing to do with the port blocking. You
> shouldnâ€™t have to enter the registration key at all it should auto
> register if you have made the required number of ARQ connections. This is
> working for almost everyone else? I see MANY auto registrations emails come
> through.
> >
> >
> > I canâ€™t tell anything by your description. Clear out the V4Chat and V4
> TNC logs and debug logs. Then start up V4Chat. Send me the V4Chat log,
> V4Chat exception log and V4 TNC Debug log and I will take a look.
>
> >
> >
> > Rick
> >
> >
> > From: Ray
> >
> > Sent: Monday, October 03, 2011 4:36 PM
> >
> > To: V4Protocol@yahoogroups.com
> >
> > Subject: RE: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3

> uploaded
> >
> >
> >
> >
> > Afternoon Rick
> >
> > Per your instructions, I installed The V4 TNC revision 0.6.3.3 and it
> works only partially. Port 8510 is no longer blocked when the registration
> number is entered, but the TNC leaves the screen and is not visible when
> V4Chat is running. Removed the registration number from the .ini file and it
> is back on the screen and working as it should. Perhaps one more small
> tweak?
> >
> > Ray KB0E
> >
> >
> > --
> >
>
>
>

--
73's OH7TE Yufenau

2326. V4CHAT+Soundc and RMS Ex + WM TNC both open.

Yahoo group: V4Protocol
Date: 2011-10-04 17:08:32 UTC
From: la7um
Topic: 2326 Message: 2326

Hi. I have tried running both programs and waterfalls at the same time. See no problem. Leave V4 in FEC mode while running WINMOR. Stay in WL2K when V4 doing ARQ. 73 de la7um Finn

2327. Re: AW: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Yahoo group: V4Protocol
Date: 2011-10-05 13:48:08 UTC
From: Rick Muething
Topic: 2310 Message: 2327

The auto registration is for those that are truly “using or evaluating” the protocol and that requires a very small number of 10 ARQ connections. Remember there is no absolute need for registration...the program is free and does not expire...it just pops up the “donation suggestion nag” if unregistered. Those donations are what pay the bills (all programming and administration labor is volunteered) that cover real costs like software licensing, and development tools and test equipment. Auto registration will be closed when the first “production” release 1.0.0.0

Rick KN6KB

From: Siegfried Jackstien
Sent: Tuesday, October 04, 2011 2:55 AM
To: V4Protocol@yahoogroups.com
Subject: AW: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded

Rick may i ask again how many contacts are needed for autoregister??
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: mailto:V4Protocol%40yahoogroups.com [mailto:mailto:V4Protocol%40yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Montag, 3. Oktober 2011 22:40
> An: mailto:V4Protocol%40yahoogroups.com
> Betreff: Re: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3
> uploaded
>
>
>
> Ray,
> The registration number has nothing to do with the port blocking. You
> shouldn□t have to enter the registration key at all it should auto
> register if you have made the required number of ARQ connections. This is
> working for almost everyone else? I see MANY auto registrations emails
> come through.
>
> I can□t tell anything by your description. Clear out the V4Chat and V4
> TNC logs and debug logs. Then start up V4Chat. Send me the V4Chat log,
> V4Chat exception log and V4 TNC Debug log and I will take a look.
>
> Rick
>
> From: Ray <mailto:mailto:ray.goodall%40gmail.com>
> Sent: Monday, October 03, 2011 4:36 PM

> To: mailto:V4Protocol%40yahoogroups.com
> Subject: RE: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3
> uploaded
>
>
>
> Afternoon Rick
>
> Per your instructions, I installed The V4 TNC revision 0.6.3.3 and it
> works only partially. Port 8510 is no longer blocked when the
> registration number is entered, but the TNC leaves the screen and is not
> visible when V4Chat is running. Removed the registration number from the
> .ini file and it is back on the screen and working as it should. Perhaps
> one more small tweak?
>
> Ray KB0E
>
> _____
>
> From: mailto:V4Protocol%40yahoogroups.com [mailto:mailto:V4Protocol%40yahoogroups.com] On
> Behalf Of kn6kb
> Sent: Monday, October 03, 2011 2:34 PM
> To: mailto:V4Protocol%40yahoogroups.com
> Subject: [V4Protocol] Trial Patch for V4 TNC.exe Version 0.6.3.3 uploaded
>
>
>
> All,
>
> This is a trial patch for test and comments. It should fix problems some
> have had with autoregistration and port problems on startup.
>
> It also has some changes to reduce CPU loading primarily during searches
> while looking for V4 Signal. These appear to work fine here on the
> simulator and reduce the CPU loading a little less than half when the
> program is idle looking for a V4 signal.
>
> To try this follow this:
> DO NOT UNINSTALL THE CURRENT V4Chat version (0.6.3.0)
>
> 1) Make a backup version of your current V4 TNC.exe version 0.6.3.0 file.
> 2) Download the zip file V4 TNC 0.6.3.3
> 3) Unzip and place the V4 TNC.exe into your V4Chat directory.
>
> Run your V4Chat as normal.
>
> Please let me know if you have any problems with this version. If it
> checks out well I will put on autoupdate.
>

> 73,
>
> Rick KN6KB
>
> V4 TNC Revision History
>
> Date Rev # Summary ofChanges
>
> Oct 3, 2011 0.6.3.3 Test version to fix startup problems after auto
> registration (moved to tmrStartup thread)
> The following were done to reduce CPU loading:
> Modification of SearchforAMLeader47B2 to use FFT in place of Goertzel for
> initial tone search
> In Protocol.ProcessNewCaputredData change inc during leader search from
> 1024 (1 symbol)
> to 2048 (2 symbols)
> Move Envelope processing and filtering to after corellation in
> SeachforAMLeader47B2 and
> make it conditional on Correlation > than threshold.
>
>

2328. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-10-05 18:59:42 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2328

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.6.4.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.6.4.0 Full install with V4 TNC and revision history

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.6.4.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2329. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-10-05 19:00:45 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2329

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4 TNC 0.6.4.0 Programmers Package.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4 TNC Developers Package (for other developers wishing to use the V4 TNC virtual TNC (with documentation)

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4%20TNC%200.6.4.0%20Programmers%20Package.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2330. V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

Yahoo group: V4Protocol
Date: 2011-10-05 19:09:11 UTC
From: kn6kb
Topic: 2330 Message: 2330

All,
I have posted a new autoupdate to clean up some issues with auto registration and CPU loading. The full install is available on the Yahoo FTP. The auto update has been posted to the auto update server.

For auto update to occur you must:
1) Have auto update enabled checked in your V4 Chat setup
2) Be connected to the internet
3) Have port 8776 open for HTTP transfer in your firewall or router
4) Be running version 0.5.2.0 or later of V4 Chat.
Auto update is checked approximately 2 minutes after startup or each 24 hours of continuous running.

You can of course use the full install posted on the Yahoo FTP site. Uninstall your previous version. DO NOT removed or edit any other files or directories. Install the new version contained in the zip file V4Chat 0.6.4.0 Full install.zip on the Yahoo FTP. No settings will be lost.

73,

Rick KN6KB

Changes implemented in this release:

V4 TNC Revision History

Date Rev # Summary ofChanges

Oct 5, 2011 0.6.4.0 Release of 0.6.3.4

Oct 3, 2011 0.6.3.4 Duplicate registration form launch removed from Interface.load

Oct 3, 2011 0.6.3.3 Test version to fix startup problems after auto registration (moved to tmrStartup thread)
The following were done to reduce CPU loading:
Modification of SearchforAMLeader47B2 to use FFT in place of Goertzel for initial tone search
In Protocol.ProcessNewCaputredData change inc during leader search from 1024 (1 symbol) to 2048 (2 symbols)
Move Envelope processing and filtering to after corellation in SeachforAMLeader47B2 and make it conditional on Correlation > than threshold.

V4 Chat Revision History

Date: Rev Change Summary

Oct 5, 2011 0.6.4.0 Release of 0.6.3.1

Oct 5, 2011 0.6.3.1 Modified Vertical Slider limits and Mini log auto column sizing.
Removed "FT0" command in Radio.ProcessKenwood to just insure Simplex using VF0 A
Remove "K590-Mic" option and change "K590-Aux" to "K590-Data" in Radio

2331. Re: [V4Protocol] V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

Yahoo group: V4Protocol
Date: 2011-10-05 19:46:22 UTC
From: Fred G -w1wyc
Topic: 2330 Message: 2331

Hiya Rick,

Just a quick to let you know that autoupdate worked flawlessly.

Thanks for a great program,
Fred, W1WYC

----- Original Message -----
From: kn6kb
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 05, 2011 3:09 PM
Subject: [V4Protocol] V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

All,
I have posted a new autoupdate to clean up some issues with auto registration and CPU loading. The full install is available on the Yahoo FTP. The auto update has been posted to the auto update server.

For auto update to occur you must:
1) Have auto update enabled checked in your V4 Chat setup
2) Be connected to the internet
3) Have port 8776 open for HTTP transfer in your firewall or router
4) Be running version 0.5.2.0 or later of V4 Chat.
Auto update is checked approximately 2 minutes after startup or each 24 hours of continuous running.

You can of course use the full install posted on the Yahoo FTP site. Uninstall your previous version. DO NOT removed or edit any other files or directories. Install the new version contained in the zip file V4Chat 0.6.4.0 Full install.zip on the Yahoo FTP. No settings will be lost.

73,

Rick KN6KB

Changes implemented in this release:

V4 TNC Revision History

Date Rev # Summary ofChanges

Oct 5, 2011 0.6.4.0 Release of 0.6.3.4

Oct 3, 2011 0.6.3.4 Duplicate registration form launch removed from Interface.load

Oct 3, 2011 0.6.3.3 Test version to fix startup problems after auto registration (moved to tmrStartup thread)

The following were done to reduce CPU loading:
Modification of SearchforAMLeader47B2 to use FFT in place of Goertzel for initial tone search
In Protocol.ProcessNewCaputredData change inc during leader search from 1024 (1 symbol) to 2048 (2 symbols)
Move Envelope processing and filtering to after corellation in SeachforAMLeader47B2 and make it conditional on Correlation > than threshold.

V4 Chat Revision History

Date: Rev Change Summary

Oct 5, 2011 0.6.4.0 Release of 0.6.3.1

Oct 5, 2011 0.6.3.1 Modified Vertical Slider limits and Mini log auto column sizing.
Removed "FT0" command in Radio.ProcessKenwood to just insure Simplex using VF0 A
Remove "K590-Mic" option and change "K590-Aux" to "K590-Data" in Radio

2332. Re: [V4Protocol] V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

Yahoo group: V4Protocol
Date: 2011-10-05 20:12:10 UTC
From: Tom Brown N4TAB
Topic: 2330 Message: 2332

Auto = FB here.

Thanks,

Tom N4TAB

~~~~~~~~

On 10/5/2011 3:09 PM, kn6kb wrote:

All,
I have posted a new autoupdate to clean up some issues with auto registration and CPU loading. The full install is available on the Yahoo FTP. The auto update has been posted to the auto update server.

For auto update to occur you must:
1) Have auto update enabled checked in your V4 Chat setup
2) Be connected to the internet
3) Have port 8776 open for HTTP transfer in your firewall or router
4) Be running version 0.5.2.0 or later of V4 Chat.
Auto update is checked approximately 2 minutes after startup or each 24 hours of continuous running.

You can of course use the full install posted on the Yahoo FTP site. Uninstall your previous version. DO NOT removed or edit any other files or directories. Install the new version contained in the zip file V4Chat 0.6.4.0 Full install.zip on the Yahoo FTP. No settings will be lost.

73,

Rick KN6KB

Changes implemented in this release:

V4 TNC Revision History

Date Rev # Summary ofChanges

Oct 5, 2011 0.6.4.0 Release of 0.6.3.4

Oct 3, 2011 0.6.3.4 Duplicate registration form launch removed from Interface.load

Oct 3, 2011 0.6.3.3 Test version to fix startup problems after auto registration (moved to tmrStartup thread)
The following were done to reduce CPU loading:
Modification of SearchforAMLeader47B2 to use FFT in place of Goertzel for initial tone search
~~~~~~~~

In Protocol.ProcessNewCaputredData change inc during leader search from 1024 (1 symbol) to 2048 (2 symbols)
Move Envelope processing and filtering to after corellation in SeachforAMLeader47B2 and make it conditional on Correlation > than threshold.

V4 Chat Revision History

Date: Rev Change Summary

Oct 5, 2011 0.6.4.0 Release of 0.6.3.1

Oct 5, 2011 0.6.3.1 Modified Vertical Slider limits and Mini log auto column sizing.
Removed "FT0" command in Radio.ProcessKenwood to just insure Simplex using VF0 A
Remove "K590-Mic" option and change "K590-Aux" to "K590-Data" in Radio

2333. RE: [V4Protocol] V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

Yahoo group: V4Protocol
Date: 2011-10-05 21:09:24 UTC
From: Ray
Topic: 2330 Message: 2333

With the new up date everything is back working as it should. Thanks
Rick

Ray KB0E

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
Behalf Of kn6kb
Sent: Wednesday, October 05, 2011 2:09 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4Chat 0.6.4.0 posted to Autoupdate server and
Yahoo FTP server.

All,
I have posted a new autoupdate to clean up some issues with auto
registration and CPU loading. The full install is available on the
Yahoo FTP. The auto update has been posted to the auto update server.

For auto update to occur you must:
1) Have auto update enabled checked in your V4 Chat setup
2) Be connected to the internet
3) Have port 8776 open for HTTP transfer in your firewall or router
4) Be running version 0.5.2.0 or later of V4 Chat.
Auto update is checked approximately 2 minutes after startup or each 24
hours of continuous running.

You can of course use the full install posted on the Yahoo FTP site.
Uninstall your previous version. DO NOT removed or edit any other files
or directories. Install the new version contained in the zip file
V4Chat 0.6.4.0 Full install.zip on the Yahoo FTP. No settings will be
lost.

73,

Rick KN6KB

2334. Re: [V4Protocol] V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

Yahoo group: V4Protocol
Date: 2011-10-05 21:42:01 UTC
From: Ed Woods WD9DVA
Topic: 2330 Message: 2334

Auto update working as advertised. What would you expect? 73 Ed WD9DVA
----- Original Message -----
From: kn6kb
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 05, 2011 19:09
Subject: [V4Protocol] V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

All,
I have posted a new autoupdate to clean up some issues with auto registration and CPU loading. The full install is available on the Yahoo FTP. The auto update has been posted to the auto update server.

For auto update to occur you must:
1) Have auto update enabled checked in your V4 Chat setup
2) Be connected to the internet
3) Have port 8776 open for HTTP transfer in your firewall or router
4) Be running version 0.5.2.0 or later of V4 Chat.
Auto update is checked approximately 2 minutes after startup or each 24 hours of continuous running.

You can of course use the full install posted on the Yahoo FTP site. Uninstall your previous version. DO NOT removed or edit any other files or directories. Install the new version contained in the zip file V4Chat 0.6.4.0 Full install.zip on the Yahoo FTP. No settings will be lost.

73,

Rick KN6KB

Changes implemented in this release:

V4 TNC Revision History

Date Rev # Summary ofChanges

Oct 5, 2011 0.6.4.0 Release of 0.6.3.4

Oct 3, 2011 0.6.3.4 Duplicate registration form launch removed from Interface.load

Oct 3, 2011 0.6.3.3 Test version to fix startup problems after auto registration (moved to tmrStartup thread)
The following were done to reduce CPU loading:
Modification of SearchforAMLeader47B2 to use FFT in place of Goertzel for initial tone search
In Protocol.ProcessNewCaputredData change inc during leader search from 1024 (1 symbol) to 2048 (2 symbols)

Move Envelope processing and filtering to after corellation in SeachforAMLeader47B2 and make it conditional on Correlation > than threshold.

V4 Chat Revision History

Date: Rev Change Summary

Oct 5, 2011 0.6.4.0 Release of 0.6.3.1

Oct 5, 2011 0.6.3.1 Modified Vertical Slider limits and Mini log auto column sizing. Removed "FT0" command in Radio.ProcessKenwood to just insure Simplex using VF0 A Remove "K590-Mic" option and change "K590-Aux" to "K590-Data" in Radio

2335. Re: V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

Yahoo group: V4Protocol
Date: 2011-10-05 22:35:19 UTC
From: la7um
Topic: 2330 Message: 2335

Rick. Autoupdate worked very well. So RMS WINMOR. Now maybe the bell and whistle called UTF-8 in addition to ASCII 7bit moves up a bit on the todo-list?
Norwegians need writing "Nato Norwegian" as we called it way back in the army signal corps. Hi..

73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
> I have posted a new autoupdate to clean up some issues with auto registration and CPU loading. The full install is available on the Yahoo FTP. The auto update has been posted to the auto update server.
>
> For auto update to occur you must:
> 1) Have auto update enabled checked in your V4 Chat setup
> 2) Be connected to the internet
> 3) Have port 8776 open for HTTP transfer in your firewall or router
> 4) Be running version 0.5.2.0 or later of V4 Chat.
> Auto update is checked approximately 2 minutes after startup or each 24 hours of continuous running.
>
> You can of course use the full install posted on the Yahoo FTP site. Uninstall your previous version. DO NOT removed or edit any other files or directories. Install the new version contained in the zip file V4Chat 0.6.4.0 Full install.zip on the Yahoo FTP. No settings will be lost.
>
> 73,
>
> Rick KN6KB
>
> Changes implemented in this release:
>
> V4 TNC Revision History
>
> Date Rev # Summary ofChanges
>
> Oct 5, 2011 0.6.4.0 Release of 0.6.3.4
>
> Oct 3, 2011 0.6.3.4 Duplicate registration form launch removed from Interface.load
>
> Oct 3, 2011 0.6.3.3 Test version to fix startup problems after auto registration (moved to tmrStartup thread)
> The following were done to reduce CPU loading:
> Modification of SearchforAMLeader47B2 to use FFT in place of Goertzel for initial tone

search
> In Protocol.ProcessNewCaputredData change inc during leader search from 1024 (1 symbol)
> to 2048 (2 symbols)
> Move Envelope processing and filtering to after corellation in SeachforAMLeader47B2 and
> make it conditional on Correlation > than threshold.
>
>
> V4 Chat Revision History
>
> Date: Rev Change Summary
>
> Oct 5, 2011 0.6.4.0 Release of 0.6.3.1
>
> Oct 5, 2011 0.6.3.1 Modified Vertical Slider limits and Mini log auto column sizing.
> Removed "FT0" command in Radio.ProcessKenwood to just insure Simplex using VF0 A
> Remove "K590-Mic" option and change "K590-Aux" to "K590-Data" in Radio
>

2336. Re: [V4Protocol] Re: V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

Yahoo group: V4Protocol
Date: 2011-10-05 23:13:16 UTC
From: Rick Muething
Topic: 2330 Message: 2336

Finn,

I have a big list to get to (not related to V4) the UTF-8 will have to wait a while. BUT you can help me by:
1) Finding out how to install the various UTF-8 character sets on a PC.
2) Sending me some sample text via email using those fonts (probably as an attachment).
3) There is some special things that have to be done in V4 since it is not permissible to bridge a frame with a multi byte character (UTF-8 characters can be multi byte)

Rick KN6KB

From: la7um
Sent: Wednesday, October 05, 2011 6:35 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

Rick. Autoupdate worked very well. So RMS WINMOR. Now maybe the bell and whistle called UTF-8 in addition to ASCII 7bit moves up a bit on the todo-list?
Norwegians need writing "Nato Norwegian" as we called it way back in the army signal corps. Hi..

73 Finn/LA7UM

2337. Connected but not my callsign

Yahoo group: V4Protocol
Date: 2011-10-05 23:33:45 UTC
From: Paul
Topic: 2337 Message: 2337

I was listening earlier today to a couple of people chatting in V4 and all of a sudden my radio connected too. I didn't call CQ or anything prior to their qso and didn't touch anything but she was connected. I hit abort real quick as I didn't want to interfere with the other qso. Anyway I just wanted to report that one as it was kind of strange. I definitely wasn't called. I am not sure if this is something that Rick should be concerned about or not so I just thought I would pass that on.

Paul
VE9NC

2338. RE: [V4Protocol] V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

Yahoo group: V4Protocol
Date: 2011-10-05 22:39:08 UTC
From: G4AIU
Topic: 2330 Message: 2338

Rick,

Auto up-date to V 0.6.4.0 worked smoothly here also.

73 de Eugene / G4AIU

All,
I have posted a new autoupdate to clean up some issues with auto registration and CPU loading. The full install is available on the Yahoo FTP. The auto update has been posted to the auto update server.

For auto update to occur you must:
1) Have auto update enabled checked in your V4 Chat setup
2) Be connected to the internet
3) Have port 8776 open for HTTP transfer in your firewall or router
4) Be running version 0.5.2.0 or later of V4 Chat.
Auto update is checked approximately 2 minutes after startup or each 24 hours of continuous running.

You can of course use the full install posted on the Yahoo FTP site. Uninstall your previous version. DO NOT removed or edit any other files or directories. Install the new version contained in the zip file V4Chat 0.6.4.0 Full install.zip on the Yahoo FTP. No settings will be lost.

73,

Rick KN6KB

2339. Re: [V4Protocol] Connected but not my callsign

Yahoo group: V4Protocol
Date: 2011-10-05 23:52:08 UTC
From: Rick Muething
Topic: 2337 Message: 2339

Paul,

Rule #1....Details are all that counts and unless I see the details in the V4 TNC debug log with a pointer (from you) to the approximate UTC time I can’t do anything. There is also a useful session summary which is sometimes important in the V4Chat log.

If you have questions read about the logs in the V4Chat help. Send the logs to me directly (not through the reflector) as attachments.

Rick KN6KB

From: Paul
Sent: Wednesday, October 05, 2011 7:33 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Connected but not my callsign

I was listening earlier today to a couple of people chatting in V4 and all of a sudden my radio connected too. I didn't call CQ or anything prior to their qso and didn't touch anything but she was connected. I hit abort real quick as I didn't want to interfere with the other qso. Anyway I just wanted to report that one as it was kind of strange. I definitely wasn't called. I am not sure if this is something that Rick should be concerned about or not so I just thought I would pass that on.

Paul
VE9NC

2340. Re: V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

Yahoo group: V4Protocol
Date: 2011-10-06 00:07:09 UTC
From: la7um
Topic: 2330 Message: 2340

Ok Rick. I am the biggest PC idiot in our LA3F group, but there are some good PC (WINDWOWS and LINUX guys.) I may ask around getting help.
But first a hands on RMS Expr workshop in Oslo next monday (12 days).

Utf-8 can wait.

We could put the 8bit ascii codes according to different standards, an make a printout also as PDF so you really see how it looks.

My LINUX "guru" recently did sendt various texts to me to my WINLINK account from Gmail and from a self generated UTF-8 text, I returned it and it showed well up on his screeen.

But I also took a PDF print out of how it _looked_ in RMS Express, and then he understood how it looked gibberish, but the necessary information was kept so it "looked" correct again after forwarding the text back to sender Shown in Gmail by Firefox set at UNICODE (UTF-8).

We have found some "name mix ups" UNICODE, UNICODE (UTF-8), UTF-8.
A kind of Chaos. And "statistical Guess works" within some systems.

It "guesses" correct if you write NORMAL text with implemented the scandinavian or german Umlauts, and probably also the french, spanish and italian.

But it fails if we just send a sequence of only a lot of those EU special letters not implemted in normal WORDS.

You probably must tell that the standard is UTF-8 BASTA!!!as in italian.

No guess works.

One way for the client might be , by choice, Skip UTF-8 and stick to 7bit ascii getting a higher throughput and Write Nato Norwegian.

Or Choose UTF-8 and live with the corresponding slower throughput.......I guess....no pc guy.......

Now bed....You have got a generall issue presented in the Winlink_Programs_Group by me.

The fix of that, or a clear explanation is more important :-)

73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Finn,
>
> I have a big list to get to (not related to V4) the UTF-8 will have to wait a while. BUT you can help me by:
> 1) Finding out how to install the various UTF-8 character sets on a PC.

> 2) Sending me some sample text via email using those fonts (probably as an attachment).
> 3) There is some special things that have to be done in V4 since it is not permissible to bridge a frame with a multi byte character (UTF-8 characters can be multi byte)
>
> Rick KN6KB
>
>
> From: la7um
> Sent: Wednesday, October 05, 2011 6:35 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.
>
>
> Rick. Autoupdate worked very well. So RMS WINMOR. Now maybe the bell and whistle called UTF-8 in addition to ASCII 7bit moves up a bit on the todo-list?
> Norwegians need writing "Nato Norwegian" as we called it way back in the army signal corps. Hi..
>
> 73 Finn/LA7UM
>

2341. V4Chat Version 0.6.4.0 . Problem with ICOM Radios' filter setting

Yahoo group: V4Protocol
Date: 2011-10-06 00:46:35 UTC
From: ham
Topic: 2341 Message: 2341

Rick and Co:

Has anyone else run into a small issue where the Radio Filter setting is set to MID (filter number 2) when V4 Chat is configured to control an ICOM radio?

The problem also occurs when clicking on the waterfall.

I am having the issue with the ICOM IC-746PRO. Perhaps the issue is specific with only this particular model of the ICOM radio?

BTW, version 0.6.4.0 updated perfectly and now the registration key is in the V4TNC.ini file along with the correct E-mail flag.

73 Bernie

2342. Re: [V4Protocol] V4Chat Version 0.6.4.0 . Problem with ICOM Radios' filter setting

Yahoo group: V4Protocol
Date: 2011-10-06 10:51:26 UTC
From: Rick Muething
Topic: 2341 Message: 2342

Bernie,
The mode is set to USB digital. I know from work in the past with other programs using a similar radio driver that the Icom 746 can be a problem automatically changing the filter when the mode is changed. This can be fixed but the Icom documentation is very unclear (and tests done previously on the other project confirmed this) about what the command sequence should be. It will have to wait until I can borrow and Icom 746 for a few days to try and determine what special code I need to insert to work around this issue. I do seem to recall that the problem was was unique to the 746.

I wish the Japanese radio mfg were as good with their documentation as their radios!

73,

Rick., KN6KB

From: ham
Sent: Wednesday, October 05, 2011 8:46 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4Chat Version 0.6.4.0 . Problem with ICOM Radios' filter setting

Rick and Co:

Has anyone else run into a small issue where the Radio Filter setting is set to MID (filter number 2) when V4 Chat is configured to control an ICOM radio?

The problem also occurs when clicking on the waterfall.

I am having the issue with the ICOM IC-746PRO. Perhaps the issue is specific with only this particular model of the ICOM radio?

BTW, version 0.6.4.0 updated perfectly and now the registration key is in the V4TNC.ini file along with the correct E-mail flag.

73 Bernie

2343. Re: V4Chat Version 0.6.4.0 . Problem with ICOM Radios' filter setting

Yahoo group: V4Protocol
Date: 2011-10-06 12:22:58 UTC
From: ham
Topic: 2341 Message: 2343

Thank you Rick for the explanation. I did send you a serial line trace via E-mail about 1 week ago showing the problem. The issue appears to be related to an extra byte in the sub-command field when the mode of the radio is set. The documentation in the ICOM 746PRO manual is pretty fuzzy regarding the packet format of the sub-command field.

This problem is a very low priority one.

If you need someone to Beta test the change, just drop me an E-mail

73, Bernie

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Bernie,
> The mode is set to USB digital. I know from work in the past with other programs using a similar radio driver that the Icom 746 can be a problem automatically changing the filter when the mode is changed. This can be fixed but the Icom documentation is very unclear (and tests done previously on the other project confirmed this) about what the command sequence should be. It will have to wait until I can borrow and Icom 746 for a few days to try and determine what special code I need to insert to work around this issue. I do seem to recall that the problem was was unique to the 746.
>
> I wish the Japanese radio mfg were as good with their documentation as their radios!
>
> 73,
>
> Rick., KN6KB
>
> From: ham
> Sent: Wednesday, October 05, 2011 8:46 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] V4Chat Version 0.6.4.0 . Problem with ICOM Radios' filter setting
>
>
> Rick and Co:
>
> Has anyone else run into a small issue where the Radio Filter setting is set to MID (filter number 2) when V4 Chat is configured to control an ICOM radio?
>
> The problem also occurs when clicking on the waterfall.
>
> I am having the issue with the ICOM IC-746PRO. Perhaps the issue is specific with only this particular model of the ICOM radio?
>
> BTW, version 0.6.4.0 updated perfectly and now the registration key is in the V4TNC.ini file along with the correct E-mail flag.

>
> 73 Bernie
>

2344. Re: [V4Protocol] Re: V4Chat Version 0.6.4.0 . Problem with ICOM Radios' filter setting

Yahoo group: V4Protocol
Date: 2011-10-06 12:35:54 UTC
From: Rick Westerfield
Topic: 2341 Message: 2344

Hello,

It is not a problem in the non-Pro version of the 746. I set mine up for plain old USB in the V4 setup screen and that is where it goes without any problem.

So this must be specific to the 746PRO.

Rick KH2DF

Sent from my iPhone

On Oct 6, 2011, at 7:22 AM, "ham" <ve3fwf@...> wrote:

>
>
> Thank you Rick for the explanation. I did send you a serial line trace via E-mail about 1 week ago showing the problem. The issue appears to be related to an extra byte in the sub-command field when the mode of the radio is set. The documentation in the ICOM 746PRO manual is pretty fuzzy regarding the packet format of the sub-command field.
>
> This problem is a very low priority one.
>
> If you need someone to Beta test the change, just drop me an E-mail
>
> 73, Bernie
>
> --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
> >
> > Bernie,
> > The mode is set to USB digital. I know from work in the past with other programs using a similar radio driver that the Icom 746 can be a problem automatically changing the filter when the mode is changed. This can be fixed but the Icom documentation is very unclear (and tests done previously on the other project confirmed this) about what the command sequence should be. It will have to wait until I can borrow and Icom 746 for a few days to try and determine what special code I need to insert to work around this issue. I do seem to recall that the problem was was unique to the 746.
> >
> > I wish the Japanese radio mfg were as good with their documentation as their radios!
> >
> > 73,
> >
> > Rick., KN6KB
> >
> > From: ham
> > Sent: Wednesday, October 05, 2011 8:46 PM

> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] V4Chat Version 0.6.4.0 . Problem with ICOM Radios' filter setting
> >
> >
> > Rick and Co:
> >
> > Has anyone else run into a small issue where the Radio Filter setting is set to MID (filter number 2) when V4 Chat is configured to control an ICOM radio?
> >
> > The problem also occurs when clicking on the waterfall.
> >
> > I am having the issue with the ICOM IC-746PRO. Perhaps the issue is specific with only this particular model of the ICOM radio?
> >
> > BTW, version 0.6.4.0 updated perfectly and now the registration key is in the V4TNC.ini file along with the correct E-mail flag.
> >
> > 73 Bernie
> >
>
>

2345. Re: [V4Protocol] Re: V4Chat Version 0.6.4.0 . Problem with ICOM Radios' filter setting

Yahoo group: V4Protocol
Date: 2011-10-06 12:38:30 UTC
From: Rick Muething
Topic: 2341 Message: 2345

Thanks Bernie,
Yes I looked over your prior comments as I poured over the Icom docs. I'm working on getting a 746 Pro loaner to play with. I know from the past that the trial and error method using remote debugging is not too productive with this kind of problem.

Rick KN6KB

2346. EU freqs

Yahoo group: V4Protocol
Date: 2011-10-06 14:33:56 UTC
From: w3bi2
Topic: 2346 Message: 2346

Where are the EU stations hanging out on the bands above 20? Would like to try some contacts with them/you....

73,
Rick W3BI

2347. Re: [V4Protocol] EU freqs

Yahoo group: V4Protocol
Date: 2011-10-06 14:39:08 UTC
From: Mcgaha Edward
Topic: 2346 Message: 2347

I stay on 14073, Call is DB7EM,   on most of the day and evenings,
1200 till 1800 ZULU

auto update to 6.4 worked with no problem here,

_____
From: w3bi2 <w3bi.rick@...m>
To: V4Protocol@yahoogroups.com
Sent: Thursday, October 6, 2011 4:33 PM
Subject: [V4Protocol] EU freqs

Where are the EU stations hanging out on the bands above 20? Would like to try some
contacts with them/you....

73,
Rick W3BI

2348. Re: [V4Protocol] EU freqs

Yahoo group: V4Protocol
Date: 2011-10-06 15:54:35 UTC
From: Yussuf
Topic: 2346 Message: 2348

Most EU stations are on 14073. I think best time is after 21 Z.
14073 is often full of Hellschreiber stations here in EU so maybe better QRG
is between 14075-14095. 73 "Yussi" OH7TE

2011/10/6 w3bi2 <w3bi.rick@...>

> **
>
>
> Where are the EU stations hanging out on the bands above 20? Would like to
> try some contacts with them/you....
>
> 73,
> Rick W3BI
>
>
>

--
73's OH7TE Yufenau

2349. Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-10-06 17:32:55 UTC
From: Peter
Topic: 43 Message: 2349

Hi Rick,

my shack computer which suffers with the blocked port on registration problem auto updated from 0.6.3.0 to 0.6.4.0. earlier today. On entering my registration key in 0.6.4.0 the blocked port message is gone but the TNC window disappears as soon as the key is entered. The program will work only when the registration key is removed from the .ini file.

On another machine where I had installed a new copy of 0.6.3.0 that had auto registered correctly, the auto update to 0.6.4.0 worked without any problems.

Peter G3JFS

--- In V4Protocol@yahoogroups.com, V4Protocol@yahoogroups.com wrote:
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the V4Protocol
> group.
>
> File : /V4Chat 0.6.4.0 Full Install.zip
> Uploaded by : kn6kb <rmuething@...>
> Description : V4Chat 0.6.4.0 Full install with V4 TNC and revision history
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.6.4.0%20Full%20Install.zip
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> Regards,
>
> kn6kb <rmuething@...>
>

2350. Re: [V4Protocol] Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-10-06 17:36:48 UTC
From: Rick Muething
Topic: 43 Message: 2350

Peter,

Run ONLY version 0.6.4.0 If it isn't registered and you have made the required number of ARQ connections then send me the V4 TNC.ini file and I will look at it. Virtually all the problems to date have been people trying to enter registration codes incorrectly. If the conditions are correct the registration should be automatic. Send me the V4 TNC.ini file and I will take a look.

Registration has nothing to do with blocked ports. If the port is truly blocked it will not run the V4 TNC. This has always been the case from the very first beta.

Rick KN6KB

From: Peter
Sent: Thursday, October 06, 2011 1:32 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: New file uploaded to V4Protocol

Hi Rick,

my shack computer which suffers with the blocked port on registration problem auto updated from 0.6.3.0 to 0.6.4.0. earlier today. On entering my registration key in 0.6.4.0 the blocked port message is gone but the TNC window disappears as soon as the key is entered. The program will work only when the registration key is removed from the .ini file.

On another machine where I had installed a new copy of 0.6.3.0 that had auto registered correctly, the auto update to 0.6.4.0 worked without any problems.

Peter G3JFS

--- In mailto:V4Protocol%40yahoogroups.com, mailto:V4Protocol%40yahoogroups.com wrote:
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the V4Protocol
> group.
>
> File : /V4Chat 0.6.4.0 Full Install.zip
> Uploaded by : kn6kb <rmuething@...>
> Description : V4Chat 0.6.4.0 Full install with V4 TNC and revision history
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.6.4.0%20Full%20Install.zip
>
> To learn more about file sharing for your group, please visit:

> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> Regards,
>
> kn6kb <rmuething@...>
>

2351. AW: [V4Protocol] Re: V4Chat Version 0.6.4.0 . Problem with ICOM Radios' filter setting

Yahoo group: V4Protocol
Date: 2011-10-06 14:24:31 UTC
From: Siegfried Jackstien
Topic: 2341 Message: 2351

Hello rick
Why not use teamview and try remote??
That worked for me (with another software and a different program ...
So that maybe should work also with v4 ...
Greetz
Sigi
Dg9bfc

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Donnerstag, 6. Oktober 2011 12:39
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] Re: V4Chat Version 0.6.4.0 . Problem with ICOM
> Radios' filter setting
>
>
>
> Thanks Bernie,
> Yes I looked over your prior comments as I poured over the Icom docs. I□m
> working on getting a 746 Pro loaner to play with. I know from the past
> that the trial and error method using remote debugging is not too
> productive with this kind of problem.
>
> Rick KN6KB
>
>
>

2352. V4 and WINMOR TNCs

Yahoo group: V4Protocol
Date: 2011-10-06 13:16:45 UTC
From: David Bastress
Topic: 2330 Message: 2352

GM Rick,

Any chance we can get you to take a look at both the V4 and WINMOR TNC's waterfall and constellation box code and see if there is some relatively easy way to code them so that the center frequency and cross hair centers stay in the center of their respective displays when you change font sizes?

Alternately and maybe easier to do, is to allow us to change the font size within the RX and TX text boxes without affecting the font size of other parts of the program GUIs or having to make a universal text size change via Windows like we have to now if we want a larger font size.

Old eyes will thank you!

Dave K3GAU

2353. TS-590S Digital HOWTO updated to version 1.1

Yahoo group: V4Protocol
Date: 2011-10-06 19:20:07 UTC
From: Ian Wade G3NRW
Topic: 2353 Message: 2353

I have just updated my TS-590S digital HOWTO to version 1.1.

The original document has been much expanded, and now includes:

-- details of the USB, COM and ACC2 ports
-- new section on setting baudrates
-- extended menu settings to include ACC2 settings

As usual, if you spot any errors, please let me know.

To get the document, go to:

http://homepage.ntlworld.com/wadei/ts-590s.htm

and click on the "HOWTO set up the Kenwood TS-590S for Digital Data and
Digital Voice Operation" link.

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

2354. Re: [V4Protocol] V4 and WINMOR TNCs

Yahoo group: V4Protocol
Date: 2011-10-06 19:42:35 UTC
From: Rick Muething
Topic: 2330 Message: 2354

Dave,
It isn't easy to change/scale the waterfall or constellation plots without getting aliasing on the waterfall since there is a close relationship between frequency bins of the FFT and pixels.

Certainly it is possible to allow re positioning of labels and to allow changes in font size on the text boxes. The problem is unfortunately more basic than that.

Vic Poor (the most productive and skilled programmer in the Winlink team) is planning some extended vacations including a 1 year RV trip. That means the rest of us are left with the Client programs (V4Chat, RMS Express, Paclink, the Server programs (RMS WINMOR, RMS Pactor, RMS Packet, RMS Robust Packet, RMS Trimode) and a slew of CMS programs (ones you never see but are what makes all the email and other functionality of the Winlink 2000 system work).

So I just don't know where the resources are going to come from.

I will look at the font selection for the main text boxes...that might not be too bad as long as the sizes support all the font styles (bold, italic, strikethrough etc.) that are used.

Rick KN6KB

From: David Bastress
Sent: Thursday, October 06, 2011 9:16 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 and WINMOR TNCs

GM Rick,

Any chance we can get you to take a look at both the V4 and WINMOR TNC's waterfall and constellation box code and see if there is some relatively easy way to code them so that the center frequency and cross hair centers stay in the center of their respective displays when you change font sizes?

Alternately and maybe easier to do, is to allow us to change the font size within the RX and TX text boxes without affecting the font size of other parts of the program GUIs or having to make a universal text size change via Windows like we have to now if we want a larger font size.

Old eyes will thank you!

Dave K3GAU

2355. After upgrading to version 0.6.4.0 from version 0.6.3.0 of Winmor TNC

Yahoo group: V4Protocol
Date: 2011-10-06 20:27:00 UTC
From: wa4bds@bellsouth.net
Topic: 2355 Message: 2355

Does anyone else have more repeats after upgrading to version 0.6.4.0.
I am getting a lot of repeats after upgrading with scores of 96 ☐ 100 and S/N of 35 ☐ 40. I expect signals that good to have very few repeats. This is happening on both receive and transmit.

2356. AW: [V4Protocol] EU freqs

Yahoo group: V4Protocol
Date: 2011-10-06 20:36:52 UTC
From: Siegfried Jackstien
Topic: 2346 Message: 2356

Hello ed
Maybe we can make a local sked on 160 80 or 40??
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Mcgaha Edward
> Gesendet: Donnerstag, 6. Oktober 2011 14:39
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] EU freqs
>
>
>
> I stay on 14073, Call is DB7EM, on most of the day and evenings,
> 1200 till 1800 ZULU
>
>
> auto update to 6.4 worked with no problem here,
>
> _____
>
> From: w3bi2 <w3bi.rick@...>
> To: V4Protocol@yahoogroups.com
> Sent: Thursday, October 6, 2011 4:33 PM
> Subject: [V4Protocol] EU freqs
>
>
>
>
> Where are the EU stations hanging out on the bands above 20? Would like to
> try some contacts with them/you....
>
> 73,
> Rick W3BI
>
>
>
>
>
>
>

2357. Re: After upgrading to version 0.6.4.0 from version 0.6.3.0 of Winmor TNC

Yahoo group: V4Protocol
Date: 2011-10-06 21:47:56 UTC
From: Juhani
Topic: 2355 Message: 2357

I have like same observations here, even on 145 MHz FM and 80m local chat/QSO. 73 "Yussi" OH7TE

--- In V4Protocol@yahoogroups.com, "wa4bds@..." <wa4bds@...> wrote:
>
> Does anyone else have more repeats after upgrading to version 0.6.4.0.
> I am getting a lot of repeats after upgrading with scores of 96 ☐ 100 and S/N of 35 ☐ 40. I expect signals that good to have very few repeats. This is happening on both receive and transmit.
>

2358. Re: [V4Protocol] After upgrading to version 0.6.4.0 from version 0.6.3.0 of Winmor TNC

Yahoo group: V4Protocol
Date: 2011-10-06 21:11:14 UTC
From: Ron Wenig
Topic: 2355 Message: 2358

I've also been noticing repeats on a good signal which I was wondering
about. I can't be sure that it's not propagation and qsb on either station.

Ron ny3j

On 10/06/2011 04:27 PM, wa4bds@... wrote:
>
> Does anyone else have more repeats after upgrading to version 0.6.4.0.
> I am getting a lot of repeats after upgrading with scores of 96 -- 100
> and S/N of 35 -- 40. I expect signals that good to have very few
> repeats. This is happening on both receive and transmit.
>
>

2359. Connect situation

Yahoo group: V4Protocol
Date: 2011-10-06 22:09:35 UTC
From: John Hirth
Topic: 2359 Message: 2359

I came upon an interesting situation this evening.

After calling CQ in ARQ, I was called by NY3J, who was pretty weak here.
I acknowledged his first call (program showed COnnected to NY3J), but
obviously he didn't hear my ACK. His connect frames continued, buy my
end just sat quietly, never sending another ACK to the connect request,
until he eventually timed out and sent his CW ID.

Is this as intended? It would seem to me that had my end sent ACKs to
each of his Connect frames, even though my end thought we were
connected, he might have well caught one one of the ACKs and our QSO
could have proceeded.

Just an observation, and I guess, a question.
John W2KI

2360. Re: [V4Protocol] Connect situation

Yahoo group: V4Protocol
Date: 2011-10-06 22:15:56 UTC
From: Ron Wenig
Topic: 2359 Message: 2360

Hi John,

I may not have been in zero beat exactly with your station because I clicked on your signal to connect with you and your signal was weak. I also thought it was unusual that we connected but I didn't hear any other data streams until I timed out. I am using 0.6.4.0.

Ron ny3j

On 10/06/2011 06:09 PM, John Hirth wrote:
>
> I came upon an interesting situation this evening.
>
> After calling CQ in ARQ, I was called by NY3J, who was pretty weak here.
> I acknowledged his first call (program showed COnnected to NY3J), but
> obviously he didn't hear my ACK. His connect frames continued, buy my
> end just sat quietly, never sending another ACK to the connect request,
> until he eventually timed out and sent his CW ID.
>
> Is this as intended? It would seem to me that had my end sent ACKs to
> each of his Connect frames, even though my end thought we were
> connected, he might have well caught one one of the ACKs and our QSO
> could have proceeded.
>
> Just an observation, and I guess, a question.
> John W2KI
>
>

2361. Re: [V4Protocol] Connect situation

Yahoo group: V4Protocol
Date: 2011-10-06 22:16:08 UTC
From: Rick Muething
Topic: 2359 Message: 2361

John,

Your end will send an ACK to ANY connect frame targeted to your station. A connect frame is just a data frame of a particular format. But if you do not decode a successful connect frame you will not answer. None of this has changed in the protocol in the last 10 or so revisions.

Rick KN6KB

From: John Hirth
Sent: Thursday, October 06, 2011 6:09 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Connect situation

I came upon an interesting situation this evening.

After calling CQ in ARQ, I was called by NY3J, who was pretty weak here.
I acknowledged his first call (program showed COnnected to NY3J), but
obviously he didn't hear my ACK. His connect frames continued, buy my
end just sat quietly, never sending another ACK to the connect request,
until he eventually timed out and sent his CW ID.

Is this as intended? It would seem to me that had my end sent ACKs to
each of his Connect frames, even though my end thought we were
connected, he might have well caught one one of the ACKs and our QSO
could have proceeded.

Just an observation, and I guess, a question.
John W2KI

2362. Re: [V4Protocol] V4Chat Version 0.6.4.0 . Problem with ICOM Radios' filter setting

Yahoo group: V4Protocol
Date: 2011-10-06 22:18:19 UTC
From: John Hirth
Topic: 2341 Message: 2362

This filter selection change by V4Chat is not only a problem with the IC-746Pro.

On my IC-7200 when I already have the Narrow filter selected (which I run most of the time), the filter selection changes to Wide when V4Chat starts or whenever you click on a log entry.

The same happens on my IC-7000, but V4Chat forces the radio to Filter 2.

For what it's worth, RMS Express does the same thing. I wrote this up as a problem when we were first Beta testing /WINMOR/RMS Express.

I'd really prefer not having the programs change my filter selection, but if it's sizable programming job I can live with constantly re-selecting my intended filter.

John W2KI

2363. Re: [V4Protocol] After upgrading to version 0.6.4.0 from version 0.6.3.0 of Winmor TNC

Yahoo group: V4Protocol
Date: 2011-10-06 22:19:53 UTC
From: Rick Muething
Topic: 2355 Message: 2363

Ron, All,

Trying to guess about decoding efficiency is impossible. There are several factors affecting decoding including signal Strength, multi path distortion, burst errors, etc. The score is a reasonable average of all the symbols in a frame but it alone does not insure a successful decode.

If the debug log is enabled there is some additional details captured (e.g. sync decode distance) which are useful to the trained observer. There were no significant changes in the decoding but I would have to look at the debug log to tell more details.

Rick KN6KB

From: Ron Wenig
Sent: Thursday, October 06, 2011 5:11 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] After upgrading to version 0.6.4.0 from version 0.6.3.0 of Winmor TNC

I've also been noticing repeats on a good signal which I was wondering about. I can't be sure that it's not propagation and qsb on either station.

Ron ny3j

On 10/06/2011 04:27 PM, wa4bds@... wrote:

Does anyone else have more repeats after upgrading to version 0.6.4.0.
I am getting a lot of repeats after upgrading with scores of 96 – 100 and S/N of 35 – 40. I expect signals that good to have very few repeats. This is happening on both receive and transmit.

2364. Re: [V4Protocol] After upgrading to version 0.6.4.0 from version 0.6.3.0 of Winmor TNC

Yahoo group: V4Protocol
Date: 2011-10-06 22:25:27 UTC
From: John Hirth
Topic: 2355 Message: 2364

Yes,same here. I had the feeling that something unintended had happened to the TNC in the 0640 release. In highly scientific terms, "it doesn't seem to hear as well".

John W2KI

On 10/6/2011 4:27 PM, wa4bds@... wrote:

Does anyone else have more repeats after upgrading to version 0.6.4.0.
I am getting a lot of repeats after upgrading with scores of 96 – 100 and S/N of 35 – 40. I expect signals that good to have very few repeats. This is happening on both receive and transmit.

2365. Re: [V4Protocol] Connect situation

Yahoo group: V4Protocol
Date: 2011-10-06 22:28:11 UTC
From: John Hirth
Topic: 2359 Message: 2365

FB, Rick. I guess my end just was not decoding NY3J's successive connect frames, thus not sending subsequent ACKs. Sorry for wasting bandwidth.
John W2KI

2366. Re: [V4Protocol] Connect situation

Yahoo group: V4Protocol
Date: 2011-10-06 22:38:12 UTC
From: Rick Muething
Topic: 2359 Message: 2366

Ron,
getting exactly on frequency is not important. If your capture range (set in setup) is say 100 Hz then anything within that 100 Hz will decode the same. The DSP code automatically determines the frequency to about 1 Hz with every frame based on its leader.

Rick KN6KB

From: Ron Wenig
Sent: Thursday, October 06, 2011 6:15 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Connect situation

Hi John,

I may not have been in zero beat exactly with your station because I clicked on your signal to connect with you and your signal was weak. I also thought it was unusual that we connected but I didn't hear any other data streams until I timed out. I am using 0.6.4.0.

Ron ny3j

On 10/06/2011 06:09 PM, John Hirth wrote:

I came upon an interesting situation this evening.

After calling CQ in ARQ, I was called by NY3J, who was pretty weak here.
I acknowledged his first call (program showed COnnected to NY3J), but
obviously he didn't hear my ACK. His connect frames continued, buy my
end just sat quietly, never sending another ACK to the connect request,
until he eventually timed out and sent his CW ID.

Is this as intended? It would seem to me that had my end sent ACKs to
each of his Connect frames, even though my end thought we were
connected, he might have well caught one one of the ACKs and our QSO
could have proceeded.

Just an observation, and I guess, a question.
John W2KI

2367. Re: [V4Protocol] V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

Yahoo group: V4Protocol
Date: 2011-10-07 00:42:06 UTC
From: W6IDS
Topic: 2330 Message: 2367

Same thing here too.

Howard W6Ids
Richmond, IN EM79NV
----- Original Message -----
From: Fred G -w1wyc
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 05, 2011 3:46 PM
Subject: Re: [V4Protocol] V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

Hiya Rick,

Just a quick to let you know that autoupdate worked flawlessly.

Thanks for a great program,
Fred, W1WYC

----- Original Message -----
From: kn6kb
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 05, 2011 3:09 PM
Subject: [V4Protocol] V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

All,
I have posted a new autoupdate to clean up some issues with auto registration and CPU loading. The full install is available on the Yahoo FTP. The auto update has been posted to the auto update server.

For auto update to occur you must:
1) Have auto update enabled checked in your V4 Chat setup
2) Be connected to the internet
3) Have port 8776 open for HTTP transfer in your firewall or router
4) Be running version 0.5.2.0 or later of V4 Chat.
Auto update is checked approximately 2 minutes after startup or each 24 hours of continuous running.

You can of course use the full install posted on the Yahoo FTP site. Uninstall your previous version. DO NOT removed or edit any other files or directories. Install the new version contained in the zip file V4Chat 0.6.4.0 Full install.zip on the Yahoo FTP. No settings will be lost.

73,

Rick KN6KB

Changes implemented in this release:

V4 TNC Revision History

Date Rev # Summary ofChanges

Oct 5, 2011 0.6.4.0 Release of 0.6.3.4

Oct 3, 2011 0.6.3.4 Duplicate registration form launch removed from Interface.load

Oct 3, 2011 0.6.3.3 Test version to fix startup problems after auto registration (moved to tmrStartup thread)
The following were done to reduce CPU loading:
Modification of SearchforAMLeader47B2 to use FFT in place of Goertzel for initial tone search
In Protocol.ProcessNewCaputredData change inc during leader search from 1024 (1 symbol) to 2048 (2 symbols)
Move Envelope processing and filtering to after corellation in SeachforAMLeader47B2 and make it conditional on Correlation > than threshold.

V4 Chat Revision History

Date: Rev Change Summary

Oct 5, 2011 0.6.4.0 Release of 0.6.3.1

Oct 5, 2011 0.6.3.1 Modified Vertical Slider limits and Mini log auto column sizing.
Removed "FT0" command in Radio.ProcessKenwood to just insure Simplex using VF0 A
Remove "K590-Mic" option and change "K590-Aux" to "K590-Data" in Radio

2368. Re: V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

Yahoo group: V4Protocol
Date: 2011-10-07 07:46:09 UTC
From: Peter Zingsheim
Topic: 2330 Message: 2368

Autoupdate also ok here. 73, Peter

--- In V4Protocol@yahoogroups.com, "W6IDS" <w6ids@...> wrote:
>
> Same thing here too.
>
> Howard W6Ids
> Richmond, IN EM79NV
> ----- Original Message -----
> From: Fred G -w1wyc
> To: V4Protocol@yahoogroups.com
> Sent: Wednesday, October 05, 2011 3:46 PM
> Subject: Re: [V4Protocol] V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.
>
>
>
>
>
> Hiya Rick,
>
> Just a quick to let you know that autoupdate worked flawlessly.
>
> Thanks for a great program,
> Fred, W1WYC
>
> ----- Original Message -----
> From: kn6kb
> To: V4Protocol@yahoogroups.com
> Sent: Wednesday, October 05, 2011 3:09 PM
> Subject: [V4Protocol] V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.
>
>
>
> All,
> I have posted a new autoupdate to clean up some issues with auto registration and CPU loading. The full install is available on the Yahoo FTP. The auto update has been posted to the auto update server.
>
> For auto update to occur you must:
> 1) Have auto update enabled checked in your V4 Chat setup
> 2) Be connected to the internet
> 3) Have port 8776 open for HTTP transfer in your firewall or router
> 4) Be running version 0.5.2.0 or later of V4 Chat.
> Auto update is checked approximately 2 minutes after startup or each 24 hours of

continuous running.
>
> You can of course use the full install posted on the Yahoo FTP site. Uninstall your previous version. DO NOT removed or edit any other files or directories. Install the new version contained in the zip file V4Chat 0.6.4.0 Full install.zip on the Yahoo FTP. No settings will be lost.
>
> 73,
>
> Rick KN6KB
>
> Changes implemented in this release:
>
> V4 TNC Revision History
>
> Date Rev # Summary ofChanges
>
> Oct 5, 2011 0.6.4.0 Release of 0.6.3.4
>
> Oct 3, 2011 0.6.3.4 Duplicate registration form launch removed from Interface.load
>
> Oct 3, 2011 0.6.3.3 Test version to fix startup problems after auto registration (moved to tmrStartup thread)
> The following were done to reduce CPU loading:
> Modification of SearchforAMLeader47B2 to use FFT in place of Goertzel for initial tone search
> In Protocol.ProcessNewCaputredData change inc during leader search from 1024 (1 symbol)
> to 2048 (2 symbols)
> Move Envelope processing and filtering to after corellation in SeachforAMLeader47B2 and
> make it conditional on Correlation > than threshold.
>
> V4 Chat Revision History
>
> Date: Rev Change Summary
>
> Oct 5, 2011 0.6.4.0 Release of 0.6.3.1
>
> Oct 5, 2011 0.6.3.1 Modified Vertical Slider limits and Mini log auto column sizing.
> Removed "FT0" command in Radio.ProcessKenwood to just insure Simplex using VF0 A
> Remove "K590-Mic" option and change "K590-Aux" to "K590-Data" in Radio
>

2369. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-10-07 15:52:18 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2369

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.6.5.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.6.5.0 Full install with Revision Histories

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.6.5.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2370. V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-07 16:04:16 UTC
From: kn6kb
Topic: 2370 Message: 2370

All,
I did some extensive testing yesterday and today and found that last TNC change (0.6.3.0 > 0.6.4.0) did decrease the sensitivity (a result of my attempt to decrease CPU loading). This new release fixes that and in fact improves the sensitivity about 8% over the prior 0.6.3.0 rev. I added some special code to back off the CPU loading if the V4 TNC is Idle (hasn't seen a sync in 15 seconds. But restore full sensitivity upon detection of a sync.

Also per request of several users V4 Chat now allows (in the Setup menu) the selction of Font size for the Keyboard and Session text boxes and the mini log grid. The default font is 11 point (slightly larger than prior revs but the range of selection is 8 point (very tiny) to 15 point (very large) so this should accomodate virtually all users and preferences.

As usual if auto update doesn't work for you the full install can be downloaded from the Yahoo FTP site.
73,

Rick KN6KB

V4 TNC Revision History

Date Rev # Summary ofChanges

Oct 7, 2011 0.6.5.0 Release of 0.6.4.1

Oct 7, 2011 0.6.4.1 Change type font on Center frequency label and main menu line to 10 point (was 9)
Modify Protocol.ProcessNewCapturedData to switch leader search increment from 2048 to 512 when within 15 sec of last sync detect (improves sensitivity but keeps IDL CPU loading low)
Modify SearchForAMLeader47B2 to only busy detect every 93 ms
Put email of registration data inside Try/Catch in case no default mail client.

V4 Chat Revision History

Date: Rev Change Summary

Oct 7, 2011 0.6.5.0 Release of 0.6.4.2

Oct 7, 2011 0.6.4.2 Modified font selection to 8-15 point in 1 point increments, default = 11.
Defaulted main form menu line to 11 point type (was 10)
Updated V4Chat help

Oct 6, 2011 0.6.4.1 Add selectable font size (8,10,12,14) on V4Chat text boxes and mini log grid.

2371. Re: V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.

Yahoo group: V4Protocol
Date: 2011-10-07 16:42:50 UTC
From: la7um
Topic: 2330 Message: 2371

Bingo. Auto updated well to 0.6.5.0 Tnx. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Peter Zingsheim" <oe6zh@...> wrote:
>
> Autoupdate also ok here. 73, Peter
>
> --- In V4Protocol@yahoogroups.com, "W6IDS" <w6ids@> wrote:
> >
> > Same thing here too.
> >
> > Howard W6Ids
> > Richmond, IN EM79NV
> > ----- Original Message -----
> > From: Fred G -w1wyc
> > To: V4Protocol@yahoogroups.com
> > Sent: Wednesday, October 05, 2011 3:46 PM
> > Subject: Re: [V4Protocol] V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.
> >
> >
> >
> >
> >
> > Hiya Rick,
> >
> > Just a quick to let you know that autoupdate worked flawlessly.
> >
> > Thanks for a great program,
> > Fred, W1WYC
> >
> > ----- Original Message -----
> > From: kn6kb
> > To: V4Protocol@yahoogroups.com
> > Sent: Wednesday, October 05, 2011 3:09 PM
> > Subject: [V4Protocol] V4Chat 0.6.4.0 posted to Autoupdate server and Yahoo FTP server.
> >
> >
> >
> >
> > All,
> > I have posted a new autoupdate to clean up some issues with auto registration and CPU loading. The full install is available on the Yahoo FTP. The auto update has been posted to the auto update server.
> >
> > For auto update to occur you must:
> > 1) Have auto update enabled checked in your V4 Chat setup

> > 2) Be connected to the internet
> > 3) Have port 8776 open for HTTP transfer in your firewall or router
> > 4) Be running version 0.5.2.0 or later of V4 Chat.
> > Auto update is checked approximately 2 minutes after startup or each 24 hours of continuous running.
> >
> > You can of course use the full install posted on the Yahoo FTP site. Uninstall your previous version. DO NOT removed or edit any other files or directories. Install the new version contained in the zip file V4Chat 0.6.4.0 Full install.zip on the Yahoo FTP. No settings will be lost.
> >
> > 73,
> >
> > Rick KN6KB
> >
> > Changes implemented in this release:
> >
> > V4 TNC Revision History
> >
> > Date Rev # Summary ofChanges
> >
> > Oct 5, 2011 0.6.4.0 Release of 0.6.3.4
> >
> > Oct 3, 2011 0.6.3.4 Duplicate registration form launch removed from Interface.load
> >
> > Oct 3, 2011 0.6.3.3 Test version to fix startup problems after auto registration (moved to tmrStartup thread)
> > The following were done to reduce CPU loading:
> > Modification of SearchforAMLeader47B2 to use FFT in place of Goertzel for initial tone search
> > In Protocol.ProcessNewCaputredData change inc during leader search from 1024 (1 symbol)
> > to 2048 (2 symbols)
> > Move Envelope processing and filtering to after corellation in SeachforAMLeader47B2 and
> > make it conditional on Correlation > than threshold.
> >
> > V4 Chat Revision History
> >
> > Date: Rev Change Summary
> >
> > Oct 5, 2011 0.6.4.0 Release of 0.6.3.1
> >
> > Oct 5, 2011 0.6.3.1 Modified Vertical Slider limits and Mini log auto column sizing.
> > Removed "FT0" command in Radio.ProcessKenwood to just insure Simplex using VF0 A
> > Remove "K590-Mic" option and change "K590-Aux" to "K590-Data" in Radio
> >
>

2372. 0.6.5.0 autoupdate ok

Yahoo group: V4Protocol
Date: 2011-10-07 16:42:57 UTC
From: Juhani
Topic: 2372 Message: 2372

Workinf fine, first QSO AA6FT om Joe nr Sacramento CA by OFCD ant only!

2373. Re: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-07 16:50:15 UTC
From: David Musgrave
Topic: 2370 Message: 2373

Thanks Rick. Update worked great on both mine and VE1HRM also great sensitivty shot connect wiht I6QFZ .
Thanks

David VE1EDA

From: kn6kb <rmuething@...m>
To: V4Protocol@yahoogroups.com
Sent: Friday, October 7, 2011 1:04:16 PM
Subject: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo F

All,
I did some extensive testing yesterday and today and found that last TNC change (0.6.3.0 > 0.6.4.0) did decrease the sensitivity (a result of my attempt to decrease CPU loading). This new release fixes that and in fact improves the sensitivity about 8% over the prior 0.6.3.0 rev. I added some special code to back off the CPU loading if the V4 TNC is Idle (hasn't seen a sync in 15 seconds. But restore full sensitivity upon detection of a sync.

Also per request of several users V4 Chat now allows (in the Setup menu) the selction of Font size for the Keyboard and Session text boxes and the mini log grid. The default font is 11 point (slightly larger than prior revs but the range of selection is 8 point (very tiny) to 15 point (very large) so this should accomodate virtually all users and preferences.

As usual if auto update doesn't work for you the full install can be downloaded from the Yahoo FTP site.
73,

Rick KN6KB

V4 TNC Revision History

Date Rev # Summary ofChanges

Oct 7, 2011 0.6.5.0 Release of 0.6.4.1

Oct 7, 2011 0.6.4.1 Change type font on Center frequency label and main menu line to 10 point (was 9)
Modify Protocol.ProcessNewCapturedData to switch leader search increment from 2048 to 512 when within 15 sec of last sync detect (improves sensitivity but keeps IDL CPU loading low)
Modify SearchForAMLeader47B2 to only busy detect every 93 ms
Put email of registration data inside Try/Catch in case no default mail client.

V4 Chat Revision History

Date: Rev Change Summary

Oct 7, 2011 0.6.5.0 Release of 0.6.4.2

Oct 7, 2011 0.6.4.2 Modified font selection to 8-15 point in 1 point increments, default = 11.
Defaulted main form menu line to 11 point type (was 10)
Updated V4Chat help

Oct 6, 2011 0.6.4.1 Add selectable font size (8,10,12,14) on V4Chat text boxes and mini log grid.

2374. Re: V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-07 18:05:08 UTC
From: Steve
Topic: 2370 Message: 2374

Right ON Rick, now my netbook is a happy camper.
Steve
AB2ET/4

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
> I did some extensive testing yesterday and today and found that last TNC change (0.6.3.0
> 0.6.4.0) did decrease the sensitivity (a result of my attempt to decrease CPU loading). This new release fixes that and in fact improves the sensitivity about 8% over the prior 0.6.3.0 rev. I added some special code to back off the CPU loading if the V4 TNC is Idle (hasn't seen a sync in 15 seconds. But restore full sensitivity upon detection of a sync.
>
> Also per request of several users V4 Chat now allows (in the Setup menu) the selction of Font size for the Keyboard and Session text boxes and the mini log grid. The default font is 11 point (slightly larger than prior revs but the range of selection is 8 point (very tiny) to 15 point (very large) so this should accomodate virtually all users and preferences.
>
> As usual if auto update doesn't work for you the full install can be downloaded from the Yahoo FTP site.
> 73,
>
> Rick KN6KB
>
>
> V4 TNC Revision History
>
> Date Rev # Summary ofChanges
>
> Oct 7, 2011 0.6.5.0 Release of 0.6.4.1
>
> Oct 7, 2011 0.6.4.1 Change type font on Center frequency label and main menu line to 10 point (was 9)
> Modify Protocol.ProcessNewCapturedData to switch leader search increment from 2048
> to 512 when within 15 sec of last sync detect (improves sensitivity but keeps IDL
> CPU loading low)
> Modify SearchForAMLeader47B2 to only busy detect every 93 ms
> Put email of registration data inside Try/Catch in case no default mail client.
>
>
> V4 Chat Revision History
>
> Date: Rev Change Summary

>
> Oct 7, 2011 0.6.5.0 Release of 0.6.4.2
>
> Oct 7, 2011 0.6.4.2 Modified font selection to 8-15 point in 1 point increments, default
= 11.
> Defaulted main form menu line to 11 point type (was 10)
> Updated V4Chat help
>
> Oct 6, 2011 0.6.4.1 Add selectable font size (8,10,12,14) on V4Chat text boxes and mini
log grid.
>

2375. AW: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-07 17:09:13 UTC
From: Siegfried Jackstien
Topic: 2370 Message: 2375

I have a question to the idle state
Is the sync easier to detect so that while sitting standby on a channel you
can get all stations (even weak ones) ???

You wrote you improved sensitivity ... but also after back off of cpu load??
Otherwise maybe you could make that idle mode user selectale (dx mode or so)

So the user could lower cpu load if he wants to ... but can let the soft on
full sensitivity with a faster cpu (no need to switch to idle mode then)

Greetz
Sigi

Ps update worked fine here :-)

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von kn6kb
> Gesendet: Freitag, 7. Oktober 2011 16:04
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to auto update
> and Yahoo FTP
>
>
>
> All,
> I did some extensive testing yesterday and today and found that last TNC
> change (0.6.3.0 > 0.6.4.0) did decrease the sensitivity (a result of my
> attempt to decrease CPU loading). This new release fixes that and in fact
> improves the sensitivity about 8% over the prior 0.6.3.0 rev. I added some
> special code to back off the CPU loading if the V4 TNC is Idle (hasn't
> seen a sync in 15 seconds. But restore full sensitivity upon detection of
> a sync.
>
> Also per request of several users V4 Chat now allows (in the Setup menu)
> the selction of Font size for the Keyboard and Session text boxes and the
> mini log grid. The default font is 11 point (slightly larger than prior
> revs but the range of selection is 8 point (very tiny) to 15 point (very
> large) so this should accomodate virtually all users and preferences.
>
> As usual if auto update doesn't work for you the full install can be
> downloaded from the Yahoo FTP site.
> 73,
>
> Rick KN6KB

>
> V4 TNC Revision History
>
> Date Rev # Summary ofChanges
>
> Oct 7, 2011 0.6.5.0 Release of 0.6.4.1
>
> Oct 7, 2011 0.6.4.1 Change type font on Center frequency label and main
> menu line to 10 point (was 9)
> Modify Protocol.ProcessNewCapturedData to switch leader search increment
> from 2048
> to 512 when within 15 sec of last sync detect (improves sensitivity but
> keeps IDL
> CPU loading low)
> Modify SearchForAMLeader47B2 to only busy detect every 93 ms
> Put email of registration data inside Try/Catch in case no default mail
> client.
>
> V4 Chat Revision History
>
> Date: Rev Change Summary
>
> Oct 7, 2011 0.6.5.0 Release of 0.6.4.2
>
> Oct 7, 2011 0.6.4.2 Modified font selection to 8-15 point in 1 point
> increments, default = 11.
> Defaulted main form menu line to 11 point type (was 10)
> Updated V4Chat help
>
> Oct 6, 2011 0.6.4.1 Add selectable font size (8,10,12,14) on V4Chat text
> boxes and mini log grid.
>
>
>
>

2376. Re: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-07 18:12:31 UTC
From: Ron Wenig
Topic: 2370 Message: 2376

Rick,

The sensitivity is improved considerably. Just had a QSO without hardly any repeats. Now I have to learn how to type faster to keep up with the throughput :-)

Ron ny3j

On 10/07/2011 12:04 PM, kn6kb wrote:
>
> All,
> I did some extensive testing yesterday and today and found that last
> TNC change (0.6.3.0 > 0.6.4.0) did decrease the sensitivity (a result
> of my attempt to decrease CPU loading). This new release fixes that
> and in fact improves the
>

2377. Re: V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-07 18:24:46 UTC
From: wa4bds
Topic: 2370 Message: 2377

Thanks for the fix. The speed is much inproved with far fewer repeats. I could type faster than version 0.6.4.0 but not after the auto upgrade to version 0.6.5.0. Great job

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
> I did some extensive testing yesterday and today and found that last TNC change (0.6.3.0
> 0.6.4.0) did decrease the sensitivity (a result of my attempt to decrease CPU loading). This new release fixes that and in fact improves the sensitivity about 8% over the prior 0.6.3.0 rev. I added some special code to back off the CPU loading if the V4 TNC is Idle (hasn't seen a sync in 15 seconds. But restore full sensitivity upon detection of a sync.

2378. Re: AW: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-07 18:45:37 UTC
From: Rick Muething
Topic: 2370 Message: 2378

Sigi,

A good question...Well I could put user selectable options for just about everything but it gets messy and causes more confusion. For example this last release reduces the retries for leader detection by a factor of about 4:1 if there is no Sync detected in 15 seconds. That translates to a change from about a 97% leader detection rate to about a 65% leader detection rate on a poor channel such as multipath poor at −5dB S/N when using the same threshold value of 5. For better channels the difference is less. This reduces the CPU loading while searching by about a factor of 3 or so. But as soon as a sync is detected it switches to the more sensitive mode. But because you are not sitting there long searching for the leader signal the average CPU loading remains fairly low. It really won’t impact the ability to connect with a weak distant station since the connect requests are always repeated. Missing one or even 2 or 3 is not a problem.

The user still has threshold control allowing shifting the leader detection threshold up or down just as before. For very weak signal work this can be reduced to values like 3 or 4 and will increase the sensitivity and CPU loading somewhat.

Rick KN6KB

2379. Re: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-07 18:46:42 UTC
From: Ian Wade G3NRW
Topic: 2370 Message: 2379

___Original Message_____________________________________
From: kn6kb <rmuething@...>
Date: Fri, 7 Oct 2011 Time: 16:04:16

>All,
>I did some extensive testing yesterday and today and found that last
>TNC change (0.6.3.0 > 0.6.4.0) did decrease the sensitivity (a result
>of my attempt to decrease CPU loading). This new release fixes that

Rick

I am still on 0.6.3.0. When I auto-update will it automatically take me
straight to 0.6.5.0?

--
73
Ian, G3NRW

2380. AW: AW: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-07 19:08:04 UTC
From: Siegfried Jackstien
Topic: 2370 Message: 2380

Ok Rick thank you for that good explanation ... I just thought that I could "loose" a call from a distant station if the soft is in idle ... but you are correct the cq calls are repeated several times ... and if you have just one detect the soft switches to high sensitivity ... ok on that :-)
Congrats for such a great work ...
Dg9bfc
Sigi

Ps I look several times a day in the k3uk sked pade ... were are all the v4 users ... still have that nag screen (<10qso made) :-(

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Freitag, 7. Oktober 2011 18:46
> An: V4Protocol@yahoogroups.com
> Betreff: Re: AW: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to
> auto update and Yahoo FTP
>
>
>
> Sigi,
>
> A good question...Well I could put user selectable options for just about
> everything but it gets messy and causes more confusion. For example this
> last release reduces the retries for leader detection by a factor of about
> 4:1 if there is no Sync detected in 15 seconds. That translates to a
> change from about a 97% leader detection rate to about a 65% leader
> detection rate on a poor channel such as multipath poor at □5dB S/N when
> using the same threshold value of 5. For better channels the difference
> is less. This reduces the CPU loading while searching by about a factor of
> 3 or so. But as soon as a sync is detected it switches to the more
> sensitive mode. But because you are not sitting there long searching for
> the leader signal the average CPU loading remains fairly low. It really
> won□t impact the ability to connect with a weak distant station since the
> connect requests are always repeated. Missing one or even 2 or 3 is not a
> problem.
>
> The user still has threshold control allowing shifting the leader
> detection threshold up or down just as before. For very weak signal work
> this can be reduced to values like 3 or 4 and will increase the
> sensitivity and CPU loading somewhat.
>

> Rick KN6KB
>
>
>
>

2381. Louisiana to Pa.

Yahoo group: V4Protocol
Date: 2011-10-07 20:41:20 UTC
From: ac5pw10
Topic: 2381 Message: 2381

Just finished a QSO from Louisiana to Pennsylvania, Either the band is there or Rick really has done another fine job

Solid signals here with nothing under 80.

The rig is a IC 756 non pro model antenna is a hamstick on a mag mount on my pickup out in the drive.

73, Chuck AC5PW

2382. Re: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-07 20:41:17 UTC
From: Rick Muething
Topic: 2370 Message: 2382

Autoupdate can be configured to go in stages but what I have posted now will take anything from 0.5.2.0 and up and move it to 0.6.5.0.

Rick KN6KB

From: Ian Wade G3NRW
Sent: Friday, October 07, 2011 2:46 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

___Original Message_____
From: kn6kb <mailto:rmuething%40cfl.rr.com>
Date: Fri, 7 Oct 2011 Time: 16:04:16

>All,
>I did some extensive testing yesterday and today and found that last
>TNC change (0.6.3.0 > 0.6.4.0) did decrease the sensitivity (a result
>of my attempt to decrease CPU loading). This new release fixes that

Rick

I am still on 0.6.3.0. When I auto-update will it automatically take me
straight to 0.6.5.0?

--
73
Ian, G3NRW

2383. Re: [V4Protocol] Louisiana to Pa.

Yahoo group: V4Protocol
Date: 2011-10-07 20:46:10 UTC
From: Ron Wenig
Topic: 2381 Message: 2383

Chuck,

Rick found a software process to help with the band propagation :-)

Thanks for the QSO, it was fun. I hope you find the interference with
that speaker.

73, Ron ny3j

On 10/07/2011 04:41 PM, ac5pw10 wrote:
>
> Just finished a QSO from Louisiana to Pennsylvania, Either the band is
> there or Rick really has done another fine job
>
> Solid signals here with nothing under 80.
>
> The rig is a IC 756 non pro model antenna is a hamstick on a mag mount
> on my pickup out in the drive.
>
> 73, Chuck AC5PW
>
>

2384. Re: [V4Protocol] Louisiana to Pa.

Yahoo group: V4Protocol
Date: 2011-10-07 20:53:43 UTC
From: charles standlee
Topic: 2381 Message: 2384

What set up are you running, to use an old chicken band term you blowing smoke down here.

73, Chuck AC5PW

From: Ron Wenig <rwenig@...>
To: V4Protocol@yahoogroups.com
Sent: Friday, October 7, 2011 3:46 PM
Subject: Re: [V4Protocol] Louisiana to Pa.

Chuck,

Rick found a software process to help with the band propagation :-)

Thanks for the QSO, it was fun. I hope you find the interference with that speaker.

73, Ron ny3j

On 10/07/2011 04:41 PM, ac5pw10 wrote:

>Just finished a QSO from Louisiana to Pennsylvania, Either the band is there or Rick really has done another fine job
>
>Solid signals here with nothing under 80.
>
>The rig is a IC 756 non pro model antenna is a hamstick on a mag mount on my pickup out in the drive.
>
>73, Chuck AC5PW
>
>

2385. Re: V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-08 00:12:32 UTC
From: ham
Topic: 2370 Message: 2385

Rick

Just to confirm that your changes to 0.6.5.0 did make the decode sensitivity better. I upgraded while listening to a QSO in progress and did notice an improvement in the number of error free frames decoded.

After the upgrade, I worked an OH7 with poor band conditions.

New fonts feature work great. Thank you!

An chance of storing the mini-log in ADIF format or an export log facility?

Other than the missing export facility, I would deem V4 Chat ready for general release. Excellent job Rick !!

73, Bernie

2386. Re: 0.6.5.0 autoupdate ok

Yahoo group: V4Protocol
Date: 2011-10-07 17:10:06 UTC
From: Peter Zingsheim
Topic: 2372 Message: 2386

Tnx, Rick, autoupdate ok here. Sri, little testing these days due to family and domestic duties. 73, Peter

--- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>
> Workinf fine, first QSO AA6FT om Joe nr Sacramento CA by OFCD ant only!
>

2387. RE: AW: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-08 15:09:30 UTC
From: G4AIU
Topic: 2370 Message: 2387

Sigi,

Many thanks again for my first V4 QSO - using V0.6.5.0. You have helped me a lot in my first ARQ mode. On checking back through my log it is obvious that I have a few details to attend to - like typing with the CAPS lock ON! And typing my callsign at the beginning of a sentence - which meant that my callsign was transmitted twice!! However, I now understand much more of the software and the procedures.

Some observations:

1. When I signed off with you and sent my CW ident at 12:17:24 I heard your CW ident a short time later. However, at 12:17:56 my log says: "CONNECTED TO LA3RIA". I had been called for lunch and could not answer LA3RIA - unfortunately.
2. I also noticed later that several lines of text were still in my IN buffer but on checking the log this same text had already been transmitted. I will watch out for this on the next QSO.

73 de Eugene / G4AIU

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Siegfried Jackstien
Sent: 07 October 2011 20:08
To: V4Protocol@yahoogroups.com
Subject: AW: AW: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Ok Rick thank you for that good explanation ... I just thought that I could "loose" a call from a distant station if the soft is in idle ... but you are correct the cq calls are repeated several times ... and if you have just one detect the soft switches to high sensitivity ... ok on that :-)
Congrats for such a great work ...
Dg9bfc
Sigi

2388. Re: V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-08 15:13:11 UTC
From: la7um
Topic: 2370 Message: 2388

Speed considerably increased. I am having typing problems checking typos on the acer aspire 1. Nice qso with GW0EZY Terry 14073 just now.
73 LA7UM FINN

--- In V4Protocol@yahoogroups.com, "wa4bds" <wa4bds@...> wrote:
>
> Thanks for the fix. The speed is much inproved with far fewer repeats. I could type faster than version 0.6.4.0 but not after the auto upgrade to version 0.6.5.0. Great job
>
>
> --- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@> wrote:
> >
> > All,
> > I did some extensive testing yesterday and today and found that last TNC change (0.6.3.0 > 0.6.4.0) did decrease the sensitivity (a result of my attempt to decrease CPU loading). This new release fixes that and in fact improves the sensitivity about 8% over the prior 0.6.3.0 rev. I added some special code to back off the CPU loading if the V4 TNC is Idle (hasn't seen a sync in 15 seconds. But restore full sensitivity upon detection of a sync.
>

2389. V4 6.5.0 on 10.131 MHz

Yahoo group: V4Protocol
Date: 2011-10-08 15:39:17 UTC
From: Matt Zilmer
Topic: 2370 Message: 2389

Callsign: W6NIA. Calling CQ on and off. QTH: Southern CA.

Matt Zilmer, W6NIA / NNN0UET / NNN0GAF THREE
NMCM RMS Winmor: NNU9ET-5: Upland, CA.

2390. Re: [V4Protocol] Re: V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-08 10:58:04 UTC
From: Rick Muething
Topic: 2370 Message: 2390

Bernie,
Thanks for the feedback. Yes I ran 30 minutes on the simulator each configuration with various settings and those tests showed about an 8% improvement over the earlier 0.6.3.0 version and a significant improvement over 0.6.4.0.

I will look into the ADIF format and Export utility to save the mini grid log. That would be a worthwhile addition.

Rick

From: ham
Sent: Friday, October 07, 2011 8:12 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Rick

Just to confirm that your changes to 0.6.5.0 did make the decode sensitivity better. I upgraded while listening to a QSO in progress and did notice an improvement in the number of error free frames decoded.

After the upgrade, I worked an OH7 with poor band conditions.

New fonts feature work great. Thank you!

An chance of storing the mini-log in ADIF format or an export log facility?

Other than the missing export facility, I would deem V4 Chat ready for general release. Excellent job Rick !!

73, Bernie

2391. V4 Chat Features

Yahoo group: V4Protocol
Date: 2011-10-08 16:24:12 UTC
From: Peter Zingsheim
Topic: 2391 Message: 2391

Rick,

tnx once more, I´m vy pleased with V4. In my view, it fills a gap by making arq accessible while restricting bw to a justifiable minimum.

I read that you will look into ADIF export, which would be a boon to users of log programs.

May I deposit two more feature requests (category: strictly nice to have, no show stoppers):

1) an editable (dropdown?) list of frequencies to enable rapid qsy with a click (at present, as a workaround, I click into a suitable freq entry of the minilog, which becomes cumbersome when much scrolling is required)
2) as an adjunct to 1) a frequ increment/decrement button (250Hz steps)

73, hagwe, Peter

2392. Weird things`

Yahoo group: V4Protocol
Date: 2011-10-08 16:53:15 UTC
From: w3bi2
Topic: 2392 Message: 2392

I'm using ver. 0.6.5.0. Turned on the rig and listened...N9IB was transmitting...couldn't copy anything until his CWID. Listened some more...no copy. Tried to connect to him .. ND. sent some FEC with no results. Looked up in the top tool bar and saw "Scroll Locked." Never saw that before. Clicked on it and started getting text but not from N9IB but from AI4SI who was solid copy. We had a QSO. Then I hear N9IB transmitting again and the "Scroll Lock" came back on. Clicked on it again and all was good but N9IB had gone away.
Wazzup with that?

73,
Rick W3BI

2393. Re: [V4Protocol] Weird things`

Yahoo group: V4Protocol
Date: 2011-10-08 17:38:48 UTC
From: Rick Muething
Topic: 2392 Message: 2393

Rick,

The help explains the scroll lock function, why and how it works. It happens any time you scroll the session window (so incoming data will not “unscroll”. It will turn off by clicking the scroll lock or in 30 seconds by itself...Again all explained in the help.

Rick KN6KB

From: w3bi2
Sent: Saturday, October 08, 2011 12:53 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Weird things`

I'm using ver. 0.6.5.0. Turned on the rig and listened...N9IB was transmitting...couldn't copy anything until his CWID. Listened some more...no copy. Tried to connect to him .. ND. sent some FEC with no results. Looked up in the top tool bar and saw "Scroll Locked." Never saw that before. Clicked on it and started getting text but not from N9IB but from AI4SI who was solid copy. We had a QSO. Then I hear N9IB transmitting again and the "Scroll Lock" came back on. Clicked on it again and all was good but N9IB had gone away.
Wazzup with that?

73,
Rick W3BI

2394. AW: AW: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-08 17:59:45 UTC
From: Siegfried Jackstien
Topic: 2370 Message: 2394

Youre welcome
I am also a newbie in v4
But I try many different modes with pc and trx ... so even when I have only
a few qsos I know how the soft works (more or less)
Greetz
Sigi
Dg9bfc

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von G4AIU
> Gesendet: Samstag, 8. Oktober 2011 15:10
> An: V4Protocol@yahoogroups.com
> Betreff: RE: AW: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to
> auto update and Yahoo FTP
>
>
>
> Sigi,
>
>
>
>
>
> Many thanks again for my first V4 QSO ☐ using V0.6.5.0. You have helped me
> a lot in my first ARQ mode. On checking back through my log it is obvious
> that I have a few details to attend to ☐ like typing with the CAPS lock
> ON! And typing my callsign at the beginning of a sentence ☐ which meant
> that my callsign was transmitted twice!! However, I now understand much
> more of the software and the procedures.
>
>
>
> Some observations:
>
>
>
> 1. When I signed off with you and sent my CW ident at 12:17:24 I heard
> your CW ident a short time later. However, at 12:17:56 my log says:
> ☐CONNECTED TO LA3RIA☐. I had been called for lunch and could not answer
> LA3RIA - unfortunately.
> 2. I also noticed later that several lines of text were still in my IN
> buffer but on checking the log this same text had already been

> transmitted. I will watch out for this on the next QSO.
>
>
>
> 73 de Eugene / G4AIU
>
>
>
>
>
>
>
>
> _____
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of Siegfried Jackstien
> Sent: 07 October 2011 20:08
> To: V4Protocol@yahoogroups.com
> Subject: AW: AW: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to
> auto update and Yahoo FTP
>
>
>
>
>
> Ok Rick thank you for that good explanation ... I just thought that I
> could
> "loose" a call from a distant station if the soft is in idle ... but you
> are
> correct the cq calls are repeated several times ... and if you have just
> one
> detect the soft switches to high sensitivity ... ok on that :-)
> Congrats for such a great work ...
> Dg9bfc
> Sigi
>
>

2395. minor suggestion

Yahoo group: V4Protocol
Date: 2011-10-09 15:00:12 UTC
From: Jack Swift
Topic: 2395 Message: 2395

3. Keyboard Entry rich text box:
"Any data in the Keyboard text box in blue italic type may be edited"
"The Send Command leaves prior sent data in the Keyboard entry box but changes it to dark gray which can no longer be edited."

the difference between "blue italic" and "dark gray" is somewhat difficult for me to distinguish - especially when i'm a newbie starting a chat and there's only one color in the entry box.

one of 'the other programs' puts a red line through text which has been sent/queued.

i'll get better at it, i suppose.. there's a learning curve and i'm at the bottom.

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-281-5300
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

2396. V4 Trouble on Old ICOM 706

Yahoo group: V4Protocol
Date: 2011-10-09 16:00:37 UTC
From: rapidan2011
Topic: 2396 Message: 2396

I need some assistance with the TNC and radio settings in V4.
My computer is a Toshiba dual core laptop running WIN 7 64 bit.
The radio is a ICOM 706 (old model) which I have succesfully interfaced with HRD and MultiPSK
The interface is a Digi ICOM CAT/CV-I serial port product made by xggcomms.com in England. I have successfully used this interface with HRD and MultiPSK and a few other digi programs and logging programs.
I use an external USB sound card which shows as COM 3 with audio cables connecting to the Interface. The interface is connected to a computer USB which shows as COM 4. A CV-I cable from the interface is connected to the ICOM 706 CV-I connector.
In V4 Set Up
TNC: The capture device is selected to be the microphone on the USB sound card, The play back device is selected to be the USB sound card speaker output.
Radio Settings: Radio Control Port = Com 4, PTT Control Port = CV-I...these settings allow the 706 to set and control frequency, but it will not key the transmitter
If I set Radio Control Port = COM 3 RTS enabled, PTT control Port= Com 4 DTS enable or RTS enabled the radio keys and transmitts immediately without control.
Any assistance or ideas will be appreciated.

Ted, WB2LOU

2397. Re: [V4Protocol] V4 Trouble on Old ICOM 706

Yahoo group: V4Protocol
Date: 2011-10-09 16:12:19 UTC
From: Rick Westerfield
Topic: 2396 Message: 2397

If I remember correctly, the 706 does not do PTT by way of a CAT command. I think you will need to run PTT using VOX.

Does your hardware support keying by VOX?

Rick KH2DF

Sent from my iPhone

On Oct 9, 2011, at 11:00 AM, "rapidan2011" <ttrostle35@...> wrote:

> I need some assistance with the TNC and radio settings in V4.
> My computer is a Toshiba dual core laptop running WIN 7 64 bit.
> The radio is a ICOM 706 (old model) which I have succesfully interfaced with HRD and MultiPSK
> The interface is a Digi ICOM CAT/CV-I serial port product made by xggcomms.com in England. I have successfully used this interface with HRD and MultiPSK and a few other digi programs and logging programs.
> I use an external USB sound card which shows as COM 3 with audio cables connecting to the Interface. The interface is connected to a computer USB which shows as COM 4. A CV-I cable from the interface is connected to the ICOM 706 CV-I connector.
> In V4 Set Up
> TNC: The capture device is selected to be the microphone on the USB sound card, The play back device is selected to be the USB sound card speaker output.
> Radio Settings: Radio Control Port = Com 4, PTT Control Port = CV-I...these settings allow the 706 to set and control frequency, but it will not key the transmitter
> If I set Radio Control Port = COM 3 RTS enabled, PTT control Port= Com 4 DTS enable or RTS enabled the radio keys and transmitts immediately without control.
> Any assistance or ideas will be appreciated.
>
> Ted, WB2LOU
>
>

2398. Re: [V4Protocol] minor suggestion

Yahoo group: V4Protocol
Date: 2011-10-09 16:40:15 UTC
From: Rick Muething
Topic: 2395 Message: 2398

Jack,
If you look at the details of the Main form (in the help) you'll see that there are several colors and type fonts used. For example red strikethrough text is used in the Session window to indicate FEC data received but that cannot be corrected (exceeds the FEC capability), Black bold text indicated ARQ data received and is fully corrected, Purple text is status etc.

The fonts colors used are all in the help and designed to be different and distinct so not to add to confusion. By leaving the sent text in the keyboard box as dark gray it allows you to see easily in one spot all the text that was typed but distinguishes it from new text (blue italic) which has yet to be sent to the outbound buffer.

Rick KN6KB

Recent Activity: a.. New Members 16 a.. New Files 2

2399. Re: [V4Protocol] minor suggestion

Yahoo group: V4Protocol
Date: 2011-10-09 16:42:31 UTC
From: Fred G -w1wyc
Topic: 2395 Message: 2399

Hi Rick,

I use .txt files for "Name, QTH, Rig, Weather, etc" To reduce wear and tear on the keyboard Hi Hi.
One has the "Name, QTH, rig and antenna". The second has the "weather". I don't change anything in the
first file but do change the temperature and weather conditions in the second. I noticed that if I append
the two files in the text entry box the second one does not see the CR at the end of the first one. I realize
that a CR can be used to move the contents of the keyboard text window to the chat window. Is it possible
to use some other key stroke to enter a CR ???. Just my two cents.

Thanks & 73,
Fred, W1WYC

----- Original Message -----
From: Jack Swift
To: V4Protocol@yahoogroups.com
Sent: Sunday, October 09, 2011 11:00 AM
Subject: [V4Protocol] minor suggestion

3. Keyboard Entry rich text box:
"Any data in the Keyboard text box in blue italic type may be edited"
"The Send Command leaves prior sent data in the Keyboard entry box but
changes it to dark gray which can no longer be edited."

the difference between "blue italic" and "dark gray" is somewhat
difficult for me to distinguish - especially when i'm a newbie
starting a chat and there's only one color in the entry box.

one of 'the other programs' puts a red line through text which has
been sent/queued.

i'll get better at it, i suppose.. there's a learning curve and i'm
at the bottom.

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-281-5300
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

2400. Re: [V4Protocol] minor suggestion

Yahoo group: V4Protocol
Date: 2011-10-09 16:45:34 UTC
From: Jack Swift
Topic: 2395 Message: 2400

i understand the problem with so many different texts and so few colors <G>...
i suspect that one of the problems i'm seeing is that ALL text in the
keyboard box is italicized... perhaps if the queued text was bold-ed
or un-italicized it might help.

On Sun, Oct 9, 2011 at 12:40 PM, Rick Muething <rmuething@...> wrote:
>
>
> Jack,
> If you look at the details of the Main form (in the help) you'll see that there are several colors and type fonts used. For example red strikethrough text is used in the Session window to indicate FEC data received but that cannot be corrected (exceeds the FEC capability), Black bold text indicated ARQ data received and is fully corrected, Purple text is status etc.
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> The fonts colors used are all in the help and designed to be different and distinct so not to add to confusion. By leaving the sent text in the keyboard box as dark gray it allows you to see easily in one spot all the text that was typed but distinguishes it from new text (blue italic) which has yet to be sent to the outbound buffer.
>
>
> Rick KN6KB
> Recent Activity:
>
> New Members 16
> New Files 2
>
>

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-281-5300
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

2401. Re: [V4Protocol] V4 Trouble on Old ICOM 706

Yahoo group: V4Protocol
Date: 2011-10-09 16:55:58 UTC
From: Rick Muething
Topic: 2396 Message: 2401

Ted,

There are several parts to setting the radio interface.

1) Selecting the correct sound card devices (more accurately playback device and capture device...some sound “cards” call them by different names).
2) Setting a PTT mode that is compatible with your radios/setup AND ALSO meets the minimum latency requirements of V4. Since V4 is ARQ and requires rapid Transmit to Receive switchover it may not be compatible with all sound card interface or radio interface hardware. (e.g. if your radio interface added excessive delay to the PTT it will cause too much latency). The four options are described in the help. All will work and which you select is a matter of choice and what your radio and/or sound card interface supports.
a) VOX using the radio’s VOX circuitry (Make sure VOX delay and Hold are set to minimum)
b) Sound card “VOX” where the sound card keys the PTT line based on detection of audio (e.g. like the SignaLink USB ... set DLY fully CCW on the SignaLink)
c) Direct PTT keying using a dedicated serial port and the RTS or DTR signals. (may require level shifting or a relay depending on serial interface and radio)
d) “CAT” PTT keying using a Transmit or Receive command to the radio. Not all radios support this and I am not sure but I don’t believe the early 706 does...look at your 706 manual to see if it supports the TX commands.
3) Setting the Transmit level drive. Depending on the sound card, driver and interface this may use pots, jumpers and or the Windows mixer. See the help.
Use the two tone test to set the level to NO MORE than 70% of the Rated PEP when using a average reading watt meter. Most radios will show no ALC at this point (though many Icom’s always show some ALC)
4) Setting the Receive audio level. Depending on the sound card, driver and interface this may use pots, jumpers and or the Windows mixer. See the help.
You want the level toward the middle of the green level band if possible.

When you think you are finally set up make a ARQ CQ and look at the measured latency ...it must be < 250 ms. If not you’ll have to select an alternative Keying method in 2) above.

Remember V4 unlike many sound card modes is ARQ so that requires careful attention to and implementation of PTT control and timing that you can usually ignore for other modes.

Rick KN6KB

From: rapidan2011
Sent: Sunday, October 09, 2011 12:00 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Trouble on Old ICOM 706

I need some assistance with the TNC and radio settings in V4.
My computer is a Toshiba dual core laptop running WIN 7 64 bit.
The radio is a ICOM 706 (old model) which I have succesfully interfaced with HRD and MultiPSK
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I have successfully used this interface with HRD and MultiPSK and a few other digi programs and logging programs.
I use an external USB sound card which shows as COM 3 with audio cables connecting to the Interface. The interface is connected to a computer USB which shows as COM 4. A CV-I cable from the interface is connected to the ICOM 706 CV-I connector.
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TNC: The capture device is selected to be the microphone on the USB sound card, The play back device is selected to be the USB sound card speaker output.
Radio Settings: Radio Control Port = Com 4, PTT Control Port = CV-I...these settings allow the 706 to set and control frequency, but it will not key the transmitter
If I set Radio Control Port = COM 3 RTS enabled, PTT control Port= Com 4 DTS enable or RTS enabled the radio keys and transmitts immediately without control.
Any assistance or ideas will be appreciated.

Ted, WB2LOU

2402. Re: [V4Protocol] minor suggestion

Yahoo group: V4Protocol
Date: 2011-10-09 16:59:08 UTC
From: Rick Muething
Topic: 2395 Message: 2402

Fred,

There are 3 keystroke options to move the entered text to the outbound buffer and they are selected in the V4 setup and described in the help. They have all been there the last 2 months or so. I don’t want to complicate it any further by adding more options.

Rick KN6KB

From: Fred G -w1wyc
Sent: Sunday, October 09, 2011 12:42 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] minor suggestion

Hi Rick,

I use .txt files for "Name, QTH, Rig, Weather, etc" To reduce wear and tear on the keyboard Hi Hi.
One has the "Name, QTH, rig and antenna". The second has the "weather". I don't change anything in the
first file but do change the temperature and weather conditions in the second. I noticed that if I append
the two files in the text entry box the second one does not see the CR at the end of the first one. I realize
that a CR can be used to move the contents of the keyboard text window to the chat window. Is it possible
to use some other key stroke to enter a CR ???. Just my two cents.

Thanks & 73,
Fred, W1WYC

----- Original Message -----
From: Jack Swift
To: V4Protocol@yahoogroups.com
Sent: Sunday, October 09, 2011 11:00 AM
Subject: [V4Protocol] minor suggestion

3. Keyboard Entry rich text box:
"Any data in the Keyboard text box in blue italic type may be edited"
"The Send Command leaves prior sent data in the Keyboard entry box but
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the difference between "blue italic" and "dark gray" is somewhat
difficult for me to distinguish - especially when i'm a newbie
starting a chat and there's only one color in the entry box.

one of 'the other programs' puts a red line through text which has
been sent/queued.

i'll get better at it, i suppose.. there's a learning curve and i'm
at the bottom.

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-281-5300
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

2403. Re: [V4Protocol] minor suggestion

Yahoo group: V4Protocol
Date: 2011-10-09 17:10:16 UTC
From: Rick Muething
Topic: 2395 Message: 2403

Jack,

It is not desirable and more confusing to alter a text font when moving it from the keyboard text box to the session text box. The session text box supports more colors and fonts (including italic, bold, strikethrough and 5 colors). The program won't let you go back and edit gray text in the keyboard window anyway... it is there only to allow you to quickly see in one spot (without the intermixed in and outbound text in the session window) all the text you have typed. Blue italic text is editable before being sent to the outbound queue. Its been this way about the last month or more and there have been no complaints....When it comes to colors and fonts you can never please all the people all the time but I think keeping them constant in the implementation is less confusing than giving the user unlimited options....its hard enough to write the help and get anyone to read it now!!!

73,

Rick KN6KB

-----Original Message-----
From: Jack Swift
Sent: Sunday, October 09, 2011 12:45 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] minor suggestion

i understand the problem with so many different texts and so few colors <G>...
i suspect that one of the problems i'm seeing is that ALL text in the keyboard box is italicized... perhaps if the queued text was bold-ed or un-italicized it might help.

On Sun, Oct 9, 2011 at 12:40 PM, Rick Muething <rmuething@...> wrote:
>
>
> Jack,
> If you look at the details of the Main form (in the help) you?ll see that
> there are several colors and type fonts used. For example red
> strikethrough text is used in the Session window to indicate FEC data
> received but that cannot be corrected (exceeds the FEC capability), Black
> bold text indicated ARQ data received and is fully corrected, Purple text
> is status etc.
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> The fonts colors used are all in the help and designed to be different and
> distinct so not to add to confusion. By leaving the sent text in the
> keyboard box as dark gray it allows you to see easily in one spot all the

> text that was typed but distinguishes it from new text (blue italic) which
> has yet to be sent to the outbound buffer.
>
>
> Rick KN6KB
> Recent Activity:
>
> New Members 16
> New Files 2
>
>

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-281-5300
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Yahoo! Groups Links

2404. Re: [V4Protocol] minor suggestion

Yahoo group: V4Protocol
Date: 2011-10-09 17:43:26 UTC
From: Jack Swift
Topic: 2395 Message: 2404

ok, NOW i understand - the entire text window is really one 'system'
and you copy the text from entry to session - and changing font
within/during the copy is cumbersome and could introduce
inconsistencies. every line/variable of new code could interfere with
a line/variable of previously written code. (is the base code old
enough to be called 'legacy'? <G>)

i can/will deal with it... i've got enough problems with my spelling
errors that the 'similar' colors are a minor issie.

On Sun, Oct 9, 2011 at 1:10 PM, Rick Muething <rmuething@...> wrote:
> Jack,
>
> It is not desirable and more confusing to alter a text font when moving it
> from the keyboard text box to the session text box. The session text box
> supports more colors and fonts (including italic, bold, strikethrough and 5
> colors). The program won't let you go back and edit gray text in the
> keyboard window anyway... it is there only to allow you to quickly see in
> one spot (without the intermixed in and outbound text in the session window)
> all the text you have typed. Blue italic text is editable before being sent
> to the outbound queue. Its been this way about the last month or more and
> there have been no complaints....When it comes to colors and fonts you can
> never please all the people all the time but I think keeping them constant
> in the implementation is less confusing than giving the user unlimited
> options....its hard enough to write the help and get anyone to read it
> now!!!
>
> 73,
>
> Rick KN6KB
>
>
> -----Original Message-----
> From: Jack Swift
> Sent: Sunday, October 09, 2011 12:45 PM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] minor suggestion
>
> i understand the problem with so many different texts and so few colors
> <G>...
> i suspect that one of the problems i'm seeing is that ALL text in the
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> On Sun, Oct 9, 2011 at 12:40 PM, Rick Muething <rmuething@....com> wrote:

>>
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>> Jack,
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>> keyboard box as dark gray it allows you to see easily in one spot all the
>> text that was typed but distinguishes it from new text (blue italic) which
>> has yet to be sent to the outbound buffer.
>>
>>
>> Rick KN6KB
>> Recent Activity:
>>
>> New Members 16
>> New Files 2
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> --
> vvvvvvvvvvvvvvvvvvvvvvvv
> Jack Swift, N8WAV
> Houghton County ARES/RACES EC/RO
> 105 E. Douglass Ave.
> Houghton, MI 49931
> 906-281-5300
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> Yahoo! Groups Links
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> Yahoo! Groups Links
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vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-281-5300
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2405. Re: [V4Protocol] V4 Trouble on Old ICOM 706

Yahoo group: V4Protocol
Date: 2011-10-09 17:50:07 UTC
From: Ted Trostle
Topic: 2396 Message: 2405

I can easily make the 706 key and transmit by setting the Radio Control Port to COM 3, RTS and PTT Port to COM 4, RTS with a latency of about 56.

Doing so seems to disable the freq CV-I control and I have to manually set the frequency.. I seem to remember at an earlier time, this was not a problem. If I can find a older V4 version I may just uninstall, delete, clean out the registry, etc go back to see.

On Sun, Oct 9, 2011 at 12:55 PM, Rick Muething <rmuething@...> wrote:

> **
>
>
> Ted,
>
> There are several parts to setting the radio interface.
>
> 1) Selecting the correct sound card devices (more accurately playback
> device and capture device...some sound “cards” call them by different
> names).
> 2) Setting a PTT mode that is compatible with your radios/setup AND ALSO
> meets the minimum latency requirements of V4. Since V4 is ARQ and requires
> rapid Transmit to Receive switchover it may not be compatible with all sound
> card interface or radio interface hardware. (e.g. if your radio interface
> added excessive delay to the PTT it will cause too much latency). The four
> options are described in the help. All will work and which you select is a
> matter of choice and what your radio and/or sound card interface supports.
> a) VOX using the radio’s VOX circuitry (Make sure VOX delay and Hold
> are set to minimum)
> b) Sound card “VOX” where the sound card keys the PTT line based on
> detection of audio (e.g. like the SignaLink USB ... set DLY fully CCW on the
> SignaLink)
> c) Direct PTT keying using a dedicated serial port and the RTS or DTR
> signals. (may require level shifting or a relay depending on serial
> interface and radio)
> d) “CAT” PTT keying using a Transmit or Receive command to the radio.
> Not all radios support this and I am not sure but I don’t believe the early
> 706 does...look at your 706 manual to see if it supports the TX commands.
> 3) Setting the Transmit level drive. Depending on the sound card, driver
> and interface this may use pots, jumpers and or the Windows mixer. See the
> help.
> Use the two tone test to set the level to NO MORE than 70% of the Rated PEP
> when using a average reading watt meter. Most radios will show no ALC at
> this point (though many Icom’s always show some ALC)
> 4) Setting the Receive audio level. Depending on the sound card, driver
> and interface this may use pots, jumpers and or the Windows mixer. See the

> help.
> You want the level toward the middle of the green level band if possible.
>
> When you think you are finally set up make a ARQ CQ and look at the
> measured latency ...it must be < 250 ms. If not you'll have to select an
> alternative Keying method in 2) above.
>
> Remember V4 unlike many sound card modes is ARQ so that requires careful
> attention to and implementation of PTT control and timing that you can
> usually ignore for other modes.
>
> Rick KN6KB
>
>
>
>
> *From:* rapidan2011 <ttrostle35@...>
> *Sent:* Sunday, October 09, 2011 12:00 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] V4 Trouble on Old ICOM 706
>
>
>
> I need some assistance with the TNC and radio settings in V4.
> My computer is a Toshiba dual core laptop running WIN 7 64 bit.
> The radio is a ICOM 706 (old model) which I have succesfully interfaced
> with HRD and MultiPSK
> The interface is a Digi ICOM CAT/CV-I serial port product made by
> xggcomms.com in England. I have successfully used this interface with HRD
> and MultiPSK and a few other digi programs and logging programs.
> I use an external USB sound card which shows as COM 3 with audio cables
> connecting to the Interface. The interface is connected to a computer USB
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> control.
> Any assistance or ideas will be appreciated.
>
> Ted, WB2LOU
>
>
>

--
Ted, WB2LOU

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2406. Re: [V4Protocol] V4 Trouble on Old ICOM 706

Yahoo group: V4Protocol
Date: 2011-10-09 18:02:32 UTC
From: Rick Muething
Topic: 2396 Message: 2406

Ted,
I don't think anything has changed in the radio control to affect that. The only changes have been in the Radio frequency read back and support for radios with built in sound cards like the IC7200/7600 and Kenwood TS590. If you are using two different Com ports (one for radio control and one for keying) that should not be a problem.

Maybe someone with an older 706 (Pre Mark II) can comment?

Rick KN6KB

From: Ted Trostle
Sent: Sunday, October 09, 2011 1:50 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 Trouble on Old ICOM 706

I can easily make the 706 key and transmit by setting the Radio Control Port to COM 3, RTS and PTT Port to COM 4, RTS with a latency of about 56.

Doing so seems to disable the freq CV-I control and I have to manually set the frequency.. I seem to remember at an earlier time, this was not a problem. If I can find a older V4 version I may just uninstall, delete, clean out the registry, etc go back to see.

On Sun, Oct 9, 2011 at 12:55 PM, Rick Muething <rmuething@...> wrote:

Ted,

There are several parts to setting the radio interface.

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2) Setting a PTT mode that is compatible with your radios/setup AND ALSO meets the minimum latency requirements of V4. Since V4 is ARQ and requires rapid Transmit to Receive switchover it may not be compatible with all sound card interface or radio interface hardware. (e.g. if your radio interface added excessive delay to the PTT it will cause too much latency). The four options are described in the help. All will work and which you select is a matter of choice and what your radio and/or sound card interface supports.
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b) Sound card "VOX" where the sound card keys the PTT line based on detection of audio (e.g. like the SignaLink USB ... set DLY fully CCW on the SignaLink)
c) Direct PTT keying using a dedicated serial port and the RTS or DTR signals. (may require level shifting or a relay depending on serial interface and radio)
d) "CAT" PTT keying using a Transmit or Receive command to the radio. Not all radios support this and I am not sure but I don't believe the early 706 does...look at your 706 manual to see if it supports the TX commands.
3) Setting the Transmit level drive. Depending on the sound card, driver and interface this may use pots, jumpers and or the Windows mixer. See the help.
Use the two tone test to set the level to NO MORE than 70% of the Rated PEP when using a

average reading watt meter. Most radios will show no ALC at this point (though many Icom's always show some ALC)
4) Setting the Receive audio level. Depending on the sound card, driver and interface this may use pots, jumpers and or the Windows mixer. See the help.
You want the level toward the middle of the green level band if possible.

When you think you are finally set up make a ARQ CQ and look at the measured latency ...it must be < 250 ms. If not you'll have to select an alternative Keying method in 2) above.

Remember V4 unlike many sound card modes is ARQ so that requires careful attention to and implementation of PTT control and timing that you can usually ignore for other modes.

Rick KN6KB

From: rapidan2011
Sent: Sunday, October 09, 2011 12:00 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Trouble on Old ICOM 706

I need some assistance with the TNC and radio settings in V4.
My computer is a Toshiba dual core laptop running WIN 7 64 bit.
The radio is a ICOM 706 (old model) which I have succesfully interfaced with HRD and MultiPSK
The interface is a Digi ICOM CAT/CV-I serial port product made by xggcomms.com in England. I have successfully used this interface with HRD and MultiPSK and a few other digi programs and logging programs.
I use an external USB sound card which shows as COM 3 with audio cables connecting to the Interface. The interface is connected to a computer USB which shows as COM 4. A CV-I cable from the interface is connected to the ICOM 706 CV-I connector.
In V4 Set Up
TNC: The capture device is selected to be the microphone on the USB sound card, The play back device is selected to be the USB sound card speaker output.
Radio Settings: Radio Control Port = Com 4, PTT Control Port = CV-I...these settings allow the 706 to set and control frequency, but it will not key the transmitter
If I set Radio Control Port = COM 3 RTS enabled, PTT control Port= Com 4 DTS enable or RTS enabled the radio keys and transmitts immediately without control.
Any assistance or ideas will be appreciated.

Ted, WB2LOU

--
Ted, WB2LOU

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2407. 14073 CHAT

Yahoo group: V4Protocol
Date: 2011-10-09 18:51:04 UTC
From: ED WD9DVA AFA5QW NCS209
Topic: 2407 Message: 2407

NY3J IS IN PA, WE'RE IN IN, SO NO BIG DEAL AS FAR AS DX. BUT LET ME TELL U ABT THE QRM, IT WAS SOMETHING ELSE. bUT SIGS STAYED RIGHT THERE HI 80'S TO LO 90'S. THE QRM DIDN'T STOP, THEN WE GOT MORE QRM (LOCAL) THE XYL GAVE ORDERS FOR ME TO STOP PLAYTING AND RUN AN ERRAND. WE DID AND GOT BACK WITH THE RIGHT STUFF. V4 JUST KEEPS ROLLING ALONG GETTING BETTER AND BETTER. 73 ED WD9DVA

2408. Re: [V4Protocol] 14073 CHAT

Yahoo group: V4Protocol
Date: 2011-10-09 19:52:16 UTC
From: Ron Wenig
Topic: 2407 Message: 2408

Hi Ed,

Good chatting with you again. The QRM was an IK4 station using Olivia 32/1000, that mode takes a lot of bandwidth compared to what V4 uses. I was monitoring it on the other computer. V4 Chat held up pretty well with 1/2 of it's bandwidth being taken.

Still trying to figure out how to filter out those local QRM signals, :-)

73, Ron ny3j

On 10/09/2011 02:51 PM, ED WD9DVA AFA5QW NCS209 wrote:
>
> NY3J IS IN PA, WE'RE IN IN, SO NO BIG DEAL AS FAR AS DX. BUT LET ME
> TELL U ABT THE QRM, IT WAS SOMETHING ELSE. bUT SIGS STAYED RIGHT THERE
> HI 80'S TO LO 90'S. THE QRM DIDN'T STOP, THEN WE GOT MORE QRM (LOCAL)
> THE XYL GAVE ORDERS FOR ME TO STOP PLAYTING AND RUN AN ERRAND. WE DID
> AND GOT BACK WITH THE RIGHT STUFF. V4 JUST KEEPS ROLLING ALONG GETTING
> BETTER AND BETTER. 73 ED WD9DVA
>
>

2409. V4 Ver. 0.6.5.0

Yahoo group: V4Protocol
Date: 2011-10-09 20:21:35 UTC
From: k1dow_4
Topic: 2409 Message: 2409

Rick,

I've been meaning to get a note off to you to thank you for a much improved version 0.6.5.0 of V4

I do note a minor thing that you may want to look at which probably has been there right along, but which I became aware of today.

If I have been back scrolling in the RX window and then return the cursor to the TX window, the scroll lock remains on until it times out. Then the cursor jumps back up into the RX window. Would it not be better to have the scroll lock turn off as soon as you manually place the cursor back in the TX window when you are done back scrolling?

73/Russ
K1DOW
Arcadia, FL

2410. Re: [V4Protocol] V4 Trouble on Old ICOM 706

Yahoo group: V4Protocol
Date: 2011-10-10 05:53:50 UTC
From: Paul Whitaker
Topic: 2396 Message: 2410

Hi Ted,
Im using the IC706 older version.
I operate HRD, Ham Radio Integrator, WL2K, and V4 all successfully.
I also operate HRD in remote mode over WiFi network- which was a challenge, but works well with IPSound software.

The 706 has a limited number of functions on CAT control, and as someone else pointed out, PTT is not one of them.
If you check out the Ham Radio Deluxe help file, there is some good info. about interfaces. That is what I based mine on.
I use a 4N25 optocoupler for PTT, a MAX232 for CAT level shifting, and 2 small 1:1 600 ohm audio transformers for audio isolation.
My V4 latency is usually around 50. Also, I have to date not bothered with an external soundcard (BAD say many), but use the Mic & Ear sockets on my laptop. I had some noise feeding back to the receiver from the operation of the trackpad, but properly shielding the interface totally fixed that.
I cant comment on other issues with onboard soundcard - but I purchased a soundcard USB dongle for $19, but havent got around to comparing.
You could also fhrow on some HF rated ferrite clipons for good measure - I use them with Pactor 3, but as yet, havent seen the need on V4 & the others.
See Airmail help for more info on ferrites.

As for settings in V4Chat: Radio Setup...
Icom Amateur Radios.
48
USB

RADIO CONTROL PORT:
Com 13, 9600, Enable RTS, Enable DTR

PTT PORT (optional):
Com 13, 9600 is greyed out, Enable RTS, Enable DTR

A warning about same serial port appears, but continue. Should all work then. Of course, your radio address might not be 48, and you might not be on Com 13.

Good luck, and check out the HRD help file - good information.

Cheers

Paul Whitaker. VK3DPW
Monitoring 14073 ARQ most of the time.

At 03:00 AM 10/10/2011, you wrote:
>

>
>I need some assistance with the TNC and radio settings in V4.
>My computer is a Toshiba dual core laptop running WIN 7 64 bit.
>The radio is a ICOM 706 (old model) which I have succesfully interfaced
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>Radio Settings: Radio Control Port = Com 4, PTT Control Port =
>CV-I...these settings allow the 706 to set and control frequency, but it
>will not key the transmitter
>If I set Radio Control Port = COM 3 RTS enabled, PTT control Port= Com 4
>DTS enable or RTS enabled the radio keys and transmitts immediately
>without control.
>Any assistance or ideas will be appreciated.
>
>Ted, WB2LOU
>

Dromana Drive-In - 50 Years, 20 December 2012

2411. Re: [V4Protocol] V4 Trouble on Old ICOM 706

Yahoo group: V4Protocol
Date: 2011-10-10 12:19:11 UTC
From: Ted Trostle
Topic: 2396 Message: 2411

Paul your suggestion works !!
Many thanks for pointing out a COM combo that I missed trying.

Ted, WB2LOU

On Mon, Oct 10, 2011 at 1:53 AM, Paul Whitaker <dromana@...>wrote:

> **
>
>
> Hi Ted,
> Im using the IC706 older version.
> I operate HRD, Ham Radio Integrator, WL2K, and V4 all successfully.
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> an external soundcard (BAD say many), but use the Mic & Ear
> sockets on my laptop. I had some noise feeding back to the receiver from
> the operation of the trackpad, but properly shielding the interface totally
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> I cant comment on other issues with onboard soundcard - but I purchased a
> soundcard USB dongle for $19, but havent got around to comparing.
> You could also fhrow on some HF rated ferrite clipons for good measure - I
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> See Airmail help for more info on ferrites.
>
> As for settings in V4Chat: Radio Setup...
> Icom Amateur Radios.
> 48
> USB
>
> RADIO CONTROL PORT:
> Com 13, 9600, Enable RTS, Enable DTR
>
> PTT PORT (optional):
> Com 13, 9600 is greyed out, Enable RTS, Enable DTR
>
> A warning about same serial port appears, but continue. Should all work

> then. Of course, your radio address might not be 48, and you might not be
> on Com 13.
>
> Good luck, and check out the HRD help file - good information.
>
> Cheers
>
> Paul Whitaker. VK3DPW
> Monitoring 14073 ARQ most of the time.
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> Ted, WB2LOU
>
> **
>

> ** Dromana Drive-In - 50 Years, 20 December 2012
>
>
>

--
Ted, WB2LOU

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2412. Re: [V4Protocol] V4 Trouble on Old ICOM 706

Yahoo group: V4Protocol
Date: 2011-10-10 12:47:06 UTC
From: Paul Whitaker
Topic: 2396 Message: 2412

Hi Ted,
Glad it helped - If you ever get around to HRD Remote control with IC706,
let me know.

Paul Whitaker.
VK3DPW

At 11:19 PM 10/10/2011, you wrote:
>
>
>Paul your suggestion works !!
>Many thanks for pointing out a COM combo that I missed trying.
>
>Ted, WB2LOU
>
>
>On Mon, Oct 10, 2011 at 1:53 AM, Paul Whitaker
><<mailto:dromana@...>dromana@...t.au> wrote:
>>
>>
>>Hi Ted,
>>Im using the IC706 older version.
>>I operate HRD, Ham Radio Integrator, WL2K, and V4 all successfully.
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>>challenge, but works well with IPSound software.
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>>The 706 has a limited number of functions on CAT control, and as someone
>>else pointed out, PTT is not one of them.
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>>
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>>Com 13, 9600 is greyed out, Enable RTS, Enable DTR
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>>
>>Good luck, and check out the HRD help file - good information.
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>>Cheers
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Dromana Drive-In - 50 Years, 20 December 2012

2413. Rick, Another suggestion...

Yahoo group: V4Protocol
Date: 2011-10-10 12:53:28 UTC
From: Paul Whitaker
Topic: 2396 Message: 2413

Hi Rick,
0.6.5.0 Looking good !
Had a very casual contact tonight with VK3IFM. V4 is maturing well.

I have all the suggested frequencies entered into the mini log on the left.
Quick way to change bands etc.
I had one thought, if the interface could switch / scan the entries, with
some delay (say 1 min (adjustable ?),
and stop if signal received, resume if no more signal, it would be an
interesting feature, and valuable for monitoring purposes.

Just a thought. You have done so much already, hate to ask...

Thanks

Paul Whitaker.
VK3DPW.

2414. Re: [V4Protocol] V4 Trouble on Old ICOM 706

Yahoo group: V4Protocol
Date: 2011-10-10 13:01:05 UTC
From: Ted Trostle
Topic: 2396 Message: 2414

While it works very well on V4, now I now need to get the 706 running on
WINMOR RMS Express the same way.

Ted, WB2LOU

On Mon, Oct 10, 2011 at 8:47 AM, Paul Whitaker <dromana@...>wrote:

> **
>
>
> Hi Ted,
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>
> Paul Whitaker.
> VK3DPW
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> with HRD and MultiPSK
> The interface is a Digi ICOM CAT/CV-I serial port product made by
> xggcomms.com in England. I have successfully used this interface with HRD
> and MultiPSK and a few other digi programs and logging programs.
> I use an external USB sound card which shows as COM 3 with audio cables
> connecting to the Interface. The interface is connected to a computer USB
> which shows as COM 4. A CV-I cable from the interface is connected to the
> ICOM 706 CV-I connector.
> In V4 Set Up
> TNC: The capture device is selected to be the microphone on the USB sound
> card, The play back device is selected to be the USB sound card speaker
> output.
> Radio Settings: Radio Control Port = Com 4, PTT Control Port = CV-I...these
> settings allow the 706 to set and control frequency, but it will not key the
> transmitter
> If I set Radio Control Port = COM 3 RTS enabled, PTT control Port= Com 4
> DTS enable or RTS enabled the radio keys and transmitts immediately without
> control.
> Any assistance or ideas will be appreciated.
>
> Ted, WB2LOU
>
> Dromana Drive-In - 50 Years, 20 December 2012
>
>
>
>
> --
> Ted, WB2LOU
>
> You cannot change history, but you can make history !
> The legal cure for Ignorance is Education. The Stupidity of many is
> incurable.
>
> **
>
> ** Dromana Drive-In - 50 Years, 20 December 2012
>
>
>

--
Ted, WB2LOU

You cannot change history, but you can make history !
The legal cure for Ignorance is Education. The Stupidity of many is
incurable.

2415. Re: [V4Protocol] V4 Trouble on Old ICOM 706

Yahoo group: V4Protocol
Date: 2011-10-10 13:42:10 UTC
From: Paul Whitaker
Topic: 2396 Message: 2415

Hi Ted,
RMS Express problems - I can send you the details of my setup there if you think it would help.
To save clogging this group with RMS stuff, I can send it direct to your EMail if best ? Maybee send me your EMail.
Mine is dromana@...

Paul.
VK3DPW

At 12:01 AM 11/10/2011, you wrote:
>
>
>While it works very well on V4, now I now need to get the 706 running on
>WINMOR RMS Express the same way.
>
>Ted, WB2LOU
>
>On Mon, Oct 10, 2011 at 8:47 AM, Paul Whitaker
><<mailto:dromana@...>dromana@...> wrote:
>>
>>
>>Hi Ted,
>>Glad it helped - If you ever get around to HRD Remote control with IC706,
>>let me know.
>>
>>Paul Whitaker.
>>VK3DPW
>>
>>
>>
>>
>>At 11:19 PM 10/10/2011, you wrote:
>>>
>>>
>>>Paul your suggestion works !!
>>>Many thanks for pointing out a COM combo that I missed trying.
>>>
>>>Ted, WB2LOU
>>>
>>>
>>>On Mon, Oct 10, 2011 at 1:53 AM, Paul Whitaker
>>><<mailto:dromana@...>dromana@drivein.net.au> wrote:
>>>>
>>>>

>>>>Hi Ted,
>>>>Im using the IC706 older version.
>>>>I operate HRD, Ham Radio Integrator, WL2K, and V4 all successfully.
>>>>I also operate HRD in remote mode over WiFi network- which was a
>>>>challenge, but works well with IPSound software.
>>>>
>>>>The 706 has a limited number of functions on CAT control, and as
>>>>someone else pointed out, PTT is not one of them.
>>>>If you check out the Ham Radio Deluxe help file, there is some good
>>>>info. about interfaces. That is what I based mine on.
>>>>I use a 4N25 optocoupler for PTT, a MAX232 for CAT level shifting, and
>>>>2 small 1:1 600 ohm audio transformers for audio isolation.
>>>>My V4 latency is usually around 50. Also, I have to date not bothered
>>>>with an external soundcard (BAD say many), but use the Mic & Ear
>>>>sockets on my laptop. I had some noise feeding back to the receiver
>>>>from the operation of the trackpad, but properly shielding the
>>>>interface totally fixed that.
>>>>I cant comment on other issues with onboard soundcard - but I purchased
>>>>a soundcard USB dongle for $19, but havent got around to comparing.
>>>>You could also fhrow on some HF rated ferrite clipons for good measure
>>>>- I use them with Pactor 3, but as yet, havent seen the need on V4 &
>>>>the others.
>>>>See Airmail help for more info on ferrites.
>>>>
>>>>As for settings in V4Chat: Radio Setup...
>>>>Icom Amateur Radios.
>>>>48
>>>>USB
>>>>
>>>>RADIO CONTROL PORT:
>>>>Com 13, 9600, Enable RTS, Enable DTR
>>>>
>>>>PTT PORT (optional):
>>>>Com 13, 9600 is greyed out, Enable RTS, Enable DTR
>>>>
>>>>A warning about same serial port appears, but continue. Should all
>>>>work then. Of course, your radio address might not be 48, and you
>>>>might not be on Com 13.
>>>>
>>>>Good luck, and check out the HRD help file - good information.
>>>>
>>>>Cheers
>>>>
>>>>Paul Whitaker. VK3DPW
>>>>Monitoring 14073 ARQ most of the time.
>>>>
>>>>
>>>>
>>>>
>>>>

>>>>
>>>>
>>>>
>>>>
>>>>
>>>>At 03:00 AM 10/10/2011, you wrote:
>>>>>
>>>>>
>>>>>I need some assistance with the TNC and radio settings in V4.
>>>>>My computer is a Toshiba dual core laptop running WIN 7 64 bit.
>>>>>The radio is a ICOM 706 (old model) which I have succesfully
>>>>>interfaced with HRD and MultiPSK
>>>>>The interface is a Digi ICOM CAT/CV-I serial port product made by
>>>>><http://xggcomms.com>xggcomms.com in England. I have successfully used
>>>>>this interface with HRD and MultiPSK and a few other digi programs and
>>>>>logging programs.
>>>>>I use an external USB sound card which shows as COM 3 with audio
>>>>>cables connecting to the Interface. The interface is connected to a
>>>>>computer USB which shows as COM 4. A CV-I cable from the interface is
>>>>>connected to the ICOM 706 CV-I connector.
>>>>>In V4 Set Up
>>>>>TNC: The capture device is selected to be the microphone on the USB
>>>>>sound card, The play back device is selected to be the USB sound card
>>>>>speaker output.
>>>>>Radio Settings: Radio Control Port = Com 4, PTT Control Port =
>>>>>CV-I...these settings allow the 706 to set and control frequency, but
>>>>>it will not key the transmitter
>>>>>If I set Radio Control Port = COM 3 RTS enabled, PTT control Port= Com
>>>>>4 DTS enable or RTS enabled the radio keys and transmitts immediately
>>>>>without control.
>>>>>Any assistance or ideas will be appreciated.
>>>>>
>>>>>Ted, WB2LOU
>>>>Dromana Drive-In - 50 Years, 20 December 2012
>>>
>>>
>>>
>>>--
>>>Ted, WB2LOU
>>>
>>>You cannot change history, but you can make history !
>>>The legal cure for Ignorance is Education. The Stupidity of many is
>>>incurable.
>>Dromana Drive-In - 50 Years, 20 December 2012
>
>
>
>--
>Ted, WB2LOU
>

>You cannot change history, but you can make history !
>The legal cure for Ignorance is Education. The Stupidity of many is incurable.
>
>

Dromana Drive-In - 50 Years, 20 December 2012

2416. More Kudos for 6.5.0

Yahoo group: V4Protocol
Date: 2011-10-10 14:37:04 UTC
From: ei5ds
Topic: 2370 Message: 2416

Hi Rick,

Loaded the latest version 6.5.0 on return from 2 weeks holidays in the south of France.

Noted an improvement over the previous version 6.3.0. Enjoyed some excellent QSO's with both DX and local EU stations over the weekend. Link was solid even with weak signals.

Look forward to further improvements in the 'Logger' facility.

73 de Ned/EI5DS

2417. V4 0.6.5.0 Mini-Log - Frequencies changes.

Yahoo group: V4Protocol
Date: 2011-10-10 14:51:38 UTC
From: EUGENE
Topic: 2417 Message: 2417

Rick,
A small detail, but an observation - it may have been mentioned before.

In my mini-log I keep a list of all the current frequencies in use.
On several occasions I note that when I want to update some of the information in the "Add/Edit Contact" pane - on pressing "Edit Contact" the blue highlight bar in the mini-log jumps to a different frequency.
However, the actual rig frequency remains the same as before the edit.

Has anyone else noticed this - or is it my system?
Win XP Home SP3 - FT847 - WM Rigblaster Plus.

73 de Eugene / G4AIU

2418. Re: [V4Protocol] V4 0.6.5.0 Mini-Log - Frequencies changes.

Yahoo group: V4Protocol
Date: 2011-10-10 15:34:45 UTC
From: Jack Swift
Topic: 2417 Message: 2418

i noticed some anomalies, too - but consider the mini-log a 'nicety'
and have 'concerns' about it waaaay down my testing list.

On Mon, Oct 10, 2011 at 10:51 AM, EUGENE <G4AIU@...> wrote:
> Rick,
> A small detail, but an observation - it may have been mentioned before.
>
> In my mini-log I keep a list of all the current frequencies in use.
> On several occasions I note that when I want to update some of the information in the "Add/Edit Contact" pane - on pressing "Edit Contact" the blue highlight bar in the mini-log jumps to a different frequency.
> However, the actual rig frequency remains the same as before the edit.
>
> Has anyone else noticed this - or is it my system?
> Win XP Home SP3 - FT847 - WM Rigblaster Plus.
>
> 73 de Eugene / G4AIU
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-281-5300
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

2419. Re: [V4Protocol] V4Chat and V4 TNC auto 0.6.5.0 posted to auto update and Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-10 20:57:49 UTC
From: Ian Wade G3NRW
Topic: 2370 Message: 2419

Rick

Auto-update from 0.6.3.0 to 0.6.5.0 was smooth as silk. V4 is looking
better than ever. Many thanks for all you have done.

--
73
Ian, G3NRW

2420. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-10-11 14:16:17 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2420

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat_ADIF_KN6KB.adi
Uploaded by : kn6kb <rmuething@...>
Description : Trial V4 ADIF log file

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat_ADIF_KN6KB.adi

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2421. Trial ADIF Log file comments

Yahoo group: V4Protocol
Date: 2011-10-11 14:27:16 UTC
From: kn6kb
Topic: 2421 Message: 2421

All,

I am working on the addition of automatic ADIF format QSO logging for V4 Chat. I have the basics of this working and there is a small sample file
V4Chat_ADIF_KN6KB.adi on the FTP. This currently logs only ARQ Calls and connected QSOs including call sign, date, start and stop times UTC,
band, frequency and short comment indicating V4 ARQ Call or V4 ARQ QSO.

Questions and comments?

1) Do we need to log FEC transmissions? If so what is the Start/stop?
2) Any other data readily available need to be logged? I would rather this be as automatic as possible without the need for the operator to enter anything. Currently all the data above is automatically logged.
3) Does it (Should it) tie into the minilog or not?
4) Is the format OK (at least it was read OK by ADIFMaster!)
5) Currently there is no mode standard for V4...I just used "V4". Is there someone/web site to enter the mode "V4" into some approved list?

I would appreciate your feedback. This was pretty simple and should be in the next release.

73,

Rick KN6KB

2422. Re: Trial ADIF Log file comments

Yahoo group: V4Protocol
Date: 2011-10-11 15:05:44 UTC
From: ham
Topic: 2421 Message: 2422

Hi Rick:

I loaded the test ADIF file into MIXW, Ham Radio Deluxe and DX Keeper with no problems. These programs were happy with the use of V4 as the mode.

At the present time, uploading to LOTW and eql.cc will require the use of a mapping function for the mode. One eqsl.cc QSL I received, used HFSK which is not really defined but appears to be in the ADIF specification.

Ideally, there should be a way to log FEC transmissions.

I am unaware of how to get V4 onto the "approved list" of ADIF modes.
Perhaps someone out there knows what needs to be done?

73, Bernie

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>
> I am working on the addition of automatic ADIF format QSO logging for V4 Chat. I have the basics of this working and there is a small sample file
> V4Chat_ADIF_KN6KB.adi on the FTP. This currently logs only ARQ Calls and connected QSOs including call sign, date, start and stop times UTC,
> band, frequency and short comment indicating V4 ARQ Call or V4 ARQ QSO.
>
> Questions and comments?
>
> 1) Do we need to log FEC transmissions? If so what is the Start/stop?
> 2) Any other data readily available need to be logged? I would rather this be as automatic as possible without the need for the operator to enter anything. Currently all the data above is automatically logged.
> 3) Does it (Should it) tie into the minilog or not?
> 4) Is the format OK (at least it was read OK by ADIFMaster!)
> 5) Currently there is no mode standard for V4...I just used "V4". Is there someone/web site to enter the mode "V4" into some approved list?
>
> I would appreciate your feedback. This was pretty simple and should be in the next release.
>
> 73,
>
> Rick KN6KB
>

2423. Re: [V4Protocol] Trial ADIF Log file comments

Yahoo group: V4Protocol
Date: 2011-10-11 15:12:25 UTC
From: ab2et
Topic: 2421 Message: 2423

Rick,

1) Do we need to log FEC transmissions? If so what is the Start/stop?
It would be nice if we had the ability to do this as it may ply nice if V4 is used in the "Ecomm" scene.
3) Does it (Should it) tie into the minilog or not?
Yes Please.....

Again thank you for all of the time and efforts on this,I am sure that many will share the same sentiment.
Steve
AB2ET/4

From: kn6kb <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, October 11, 2011 10:27 AM
Subject: [V4Protocol] Trial ADIF Log file comments

All,

I am working on the addition of automatic ADIF format QSO logging for V4 Chat. I have the basics of this working and there is a small sample file
V4Chat_ADIF_KN6KB.adi on the FTP. This currently logs only ARQ Calls and connected QSOs including call sign, date, start and stop times UTC,
band, frequency and short comment indicating V4 ARQ Call or V4 ARQ QSO.

Questions and comments?

1) Do we need to log FEC transmissions? If so what is the Start/stop?
2) Any other data readily available need to be logged? I would rather this be as automatic as possible without the need for the operator to enter anything. Currently all the data above is automatically logged.
3) Does it (Should it) tie into the minilog or not?
4) Is the format OK (at least it was read OK by ADIFMaster!)
5) Currently there is no mode standard for V4...I just used "V4". Is there someone/web site to enter the mode "V4" into some approved list?

I would appreciate your feedback. This was pretty simple and should be in the next release.

73,

Rick KN6KB

2424. RE: [V4Protocol] Re: Trial ADIF Log file comments

Yahoo group: V4Protocol
Date: 2011-10-11 15:46:08 UTC
From: G4AIU
Topic: 2421 Message: 2424

Rick,

The test ADIF file loaded into MixW and TurboLog 4 with no difficulty whatsoever - Logger32 accepted the ADIF file saying " 2 QSO's Read" but I cannot find the 2 QSO's in my log, even after a computer restart. I will continue checking in slow time.

73 de Eugene / G4AIU

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of ham
Sent: 11 October 2011 16:06
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Trial ADIF Log file comments

Hi Rick:

I loaded the test ADIF file into MIXW, Ham Radio Deluxe and DX Keeper with no problems. These programs were happy with the use of V4 as the mode.

At the present time, uploading to LOTW and eql.cc will require the use of a mapping function for the mode. One eqsl.cc QSL I received, used HFSK which is not really defined but appears to be in the ADIF specification.

Ideally, there should be a way to log FEC transmissions.

I am unaware of how to get V4 onto the "approved list" of ADIF modes. Perhaps someone out there knows what needs to be done?

73, Bernie

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> , "kn6kb" <rmuething@...> wrote:
>
> All,
>
> I am working on the addition of automatic ADIF format QSO logging for V4 Chat. I have the basics of this working and there is a small sample file
> V4Chat_ADIF_KN6KB.adi on the FTP. This currently logs only ARQ Calls and connected QSOs including call sign, date, start and stop times UTC,
> band, frequency and short comment indicating V4 ARQ Call or V4 ARQ QSO.
>
> Questions and comments?
>
> 1) Do we need to log FEC transmissions? If so what is the Start/stop?
> 2) Any other data readily available need to be logged? I would rather this

be as automatic as possible without the need for the operator to enter anything. Currently all the data above is automatically logged.
> 3) Does it (Should it) tie into the minilog or not?
> 4) Is the format OK (at least it was read OK by ADIFMaster!)
> 5) Currently there is no mode standard for V4...I just used "V4". Is there someone/web site to enter the mode "V4" into some approved list?
>
> I would appreciate your feedback. This was pretty simple and should be in the next release.
>
> 73,
>
> Rick KN6KB
>

2425. Re: [V4Protocol] Re: Trial ADIF Log file comments

Yahoo group: V4Protocol
Date: 2011-10-11 16:02:07 UTC
From: Rick Muething
Topic: 2421 Message: 2425

Eugene,
You don't have the software version yet that creates the log! I wanted to make sure my syntax was correct before posting an update. It will be a few days before I get it posted. I still have to clean up some details like how to log the FEC transmission, integrate with the mini log etc.

Rick KN6KB

From: G4AIU
Sent: Tuesday, October 11, 2011 11:46 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: Trial ADIF Log file comments

Rick,

The test ADIF file loaded into MixW and TurboLog 4 with no difficulty whatsoever – Logger32 accepted the ADIF file saying " 2 QSO's Read" but I cannot find the 2 QSO's in my log, even after a computer restart. I will continue checking in slow time.

73 de Eugene / G4AIU

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of ham
Sent: 11 October 2011 16:06
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Trial ADIF Log file comments

Hi Rick:

I loaded the test ADIF file into MIXW, Ham Radio Deluxe and DX Keeper with no problems. These programs were happy with the use of V4 as the mode.

At the present time, uploading to LOTW and eql.cc will require the use of a mapping function for the mode. One eqsl.cc QSL I received, used HFSK which is not really defined but appears to be in the ADIF specification.

Ideally, there should be a way to log FEC transmissions.

I am unaware of how to get V4 onto the "approved list" of ADIF modes.
Perhaps someone out there knows what needs to be done?

73, Bernie

--- In mailto:V4Protocol%40yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>

> I am working on the addition of automatic ADIF format QSO logging for V4 Chat. I have the basics of this working and there is a small sample file
> V4Chat_ADIF_KN6KB.adi on the FTP. This currently logs only ARQ Calls and connected QSOs including call sign, date, start and stop times UTC,
> band, frequency and short comment indicating V4 ARQ Call or V4 ARQ QSO.
>
> Questions and comments?
>
> 1) Do we need to log FEC transmissions? If so what is the Start/stop?
> 2) Any other data readily available need to be logged? I would rather this be as automatic as possible without the need for the operator to enter anything. Currently all the data above is automatically logged.
> 3) Does it (Should it) tie into the minilog or not?
> 4) Is the format OK (at least it was read OK by ADIFMaster!)
> 5) Currently there is no mode standard for V4...I just used "V4". Is there someone/web site to enter the mode "V4" into some approved list?
>
> I would appreciate your feedback. This was pretty simple and should be in the next release.
>
> 73,
>
> Rick KN6KB
>

2426. Re: Trial ADIF Log file comments

Yahoo group: V4Protocol
Date: 2011-10-11 16:04:01 UTC
From: Peter Zingsheim
Topic: 2421 Message: 2426

Rick,
tnx a lot for all your work! V4 is progressing in leaps and bounds!

My newbie´s answers to your questions:

1) No opinion.
2) Nice to have: a) Name and QTH: I usually enter them manually into the add/edit contact box during the qso or edit immediately after. So the contacts may be imported into my logger long after the event. b) RST sent/rcvd: appliccable? How to translate score/sn ? What is sgr rpt standard for V4?
3) Yes, please.
4) It appears so. Import to DxKeeper (my default logger): ok.
5) Dunno. See also Bernie´s response on V4.

One more comment (strictly a matter of taste): I´d be happy with plain vanilla exporting to *.adi files. KISS. I´m aware there are bridging applications between various loggers and suites, also applications that interoperate with said suites. Also applications that use key combinations to enter data from the receive frame into the log. To me, all of that would be overkill. No need to open a can of worms. My personal preference is non rubberstamp qsos which leave me plenty of time to enter data manually.

73, gl, Peter

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>
> I am working on the addition of automatic ADIF format QSO logging for V4 Chat. I have the basics of this working and there is a small sample file
> V4Chat_ADIF_KN6KB.adi on the FTP. This currently logs only ARQ Calls and connected QSOs including call sign, date, start and stop times UTC,
> band, frequency and short comment indicating V4 ARQ Call or V4 ARQ QSO.
>
> Questions and comments?
>
> 1) Do we need to log FEC transmissions? If so what is the Start/stop?
> 2) Any other data readily available need to be logged? I would rather this be as automatic as possible without the need for the operator to enter anything. Currently all the data above is automatically logged.
> 3) Does it (Should it) tie into the minilog or not?
> 4) Is the format OK (at least it was read OK by ADIFMaster!)
> 5) Currently there is no mode standard for V4...I just used "V4". Is there someone/web site to enter the mode "V4" into some approved list?
>
> I would appreciate your feedback. This was pretty simple and should be in the next release.

>
> 73,
>
> Rick KN6KB
>

2427. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-10-11 16:24:07 UTC
From: JGMAGS
Topic: 43 Message: 2427

How do you download this file?.. Kj1j

"Many a good argument is ruined by some fool that knows what he is talking about"
... Marshall McLuhan...

_____
From: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, October 11, 2011 10:16 AM
Subject: [V4Protocol] New file uploaded to V4Protocol

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat_ADIF_KN6KB.adi
Uploaded by : kn6kb <rmuething@....com>
Description : Trial V4 ADIF log file

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat_ADIF_KN6KB.adi

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2428. Re: New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-10-11 16:29:35 UTC
From: Peter Zingsheim
Topic: 43 Message: 2428

```
Left click in entry in "Files"
opens *.adi file in browser window
open "File" menue of browser
"Save page as..." hwerver you want
default will be *.adi

73, Peter

--- In V4Protocol@yahoogroups.com, JGMAGS <jgmags2000@...> wrote:
>
> How do you download this file?.. Kj1j
>
> Â
> "Many a good argument is ruined by some fool that knows what he is talking about"
> ... Marshall McLuhan...
>
>
> _________________________________
> From: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
> To: V4Protocol@yahoogroups.com
> Sent: Tuesday, October 11, 2011 10:16 AM
> Subject: [V4Protocol] New file uploaded to V4Protocol
>
>
> Â
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the V4Protocol
> group.
>
> File : /V4Chat_ADIF_KN6KB.adi
> Uploaded by : kn6kb <rmuething@...>
> Description : Trial V4 ADIF log file
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/V4Protocol/files/V4Chat_ADIF_KN6KB.adi
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> Regards,
>
> kn6kb <rmuething@...>
>
```

2429. Re: [V4Protocol] Re: Trial ADIF Log file comments

Yahoo group: V4Protocol
Date: 2011-10-11 16:52:31 UTC
From: Ed Woods WD9DVA
Topic: 2421 Message: 2429

OK, what the heck is ADIF? Do we need it? How do we d/l the ADIF file (if we don't have it will we miss anything or much?) Ed WD9DVA
----- Original Message -----
From: ham
To: V4Protocol@yahoogroups.com
Sent: Tuesday, October 11, 2011 15:05
Subject: [V4Protocol] Re: Trial ADIF Log file comments

Hi Rick:

I loaded the test ADIF file into MIXW, Ham Radio Deluxe and DX Keeper with no problems. These programs were happy with the use of V4 as the mode.

At the present time, uploading to LOTW and eql.cc will require the use of a mapping function for the mode. One eqsl.cc QSL I received, used HFSK which is not really defined but appears to be in the ADIF specification.

Ideally, there should be a way to log FEC transmissions.

I am unaware of how to get V4 onto the "approved list" of ADIF modes.
Perhaps someone out there knows what needs to be done?

73, Bernie

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>
> I am working on the addition of automatic ADIF format QSO logging for V4 Chat. I have the basics of this working and there is a small sample file
> V4Chat_ADIF_KN6KB.adi on the FTP. This currently logs only ARQ Calls and connected QSOs including call sign, date, start and stop times UTC,
> band, frequency and short comment indicating V4 ARQ Call or V4 ARQ QSO.
>
> Questions and comments?
>
> 1) Do we need to log FEC transmissions? If so what is the Start/stop?
> 2) Any other data readily available need to be logged? I would rather this be as automatic as possible without the need for the operator to enter anything. Currently all the data above is automatically logged.
> 3) Does it (Should it) tie into the minilog or not?
> 4) Is the format OK (at least it was read OK by ADIFMaster!)
> 5) Currently there is no mode standard for V4...I just used "V4". Is there someone/web site to enter the mode "V4" into some approved list?
>
> I would appreciate your feedback. This was pretty simple and should be in the next release.

>
> 73,
>
> Rick KN6KB
>

2430. Re: [V4Protocol] V4 Trouble on Old ICOM 706

Yahoo group: V4Protocol
Date: 2011-10-11 17:05:44 UTC
From: Ted Trostle
Topic: 2396 Message: 2430

OK Paul did you see my email to you??

On Mon, Oct 10, 2011 at 9:42 AM, Paul Whitaker <dromana@...>wrote:

> **
>
>
> Hi Ted,
> RMS Express problems - I can send you the details of my setup there if you
> think it would help.
> To save clogging this group with RMS stuff, I can send it direct to your
> EMail if best ? Maybee send me your EMail.
> Mine is dromana@...
>
> Paul.
> VK3DPW
>
>
>
>
>
>
> At 12:01 AM 11/10/2011, you wrote:
>
>
>
> While it works very well on V4, now I now need to get the 706 running on
> WINMOR RMS Express the same way.
>
> Ted, WB2LOU
>
> On Mon, Oct 10, 2011 at 8:47 AM, Paul Whitaker <dromana@...>
> wrote:
>
>
>
> Hi Ted,
> Glad it helped - If you ever get around to HRD Remote control with IC706,
> let me know.
>
> Paul Whitaker.
> VK3DPW
>
>
>

>
> At 11:19 PM 10/10/2011, you wrote:
>
>
>
> Paul your suggestion works !!
> Many thanks for pointing out a COM combo that I missed trying.
>
> Ted, WB2LOU
>
>
> On Mon, Oct 10, 2011 at 1:53 AM, Paul Whitaker <dromana@...t.au>
> wrote:
>
>
>
> Hi Ted,
> Im using the IC706 older version.
> I operate HRD, Ham Radio Integrator, WL2K, and V4 all successfully.
> I also operate HRD in remote mode over WiFi network- which was a challenge,
> but works well with IPSound software.
>
> The 706 has a limited number of functions on CAT control, and as someone
> else pointed out, PTT is not one of them.
> If you check out the Ham Radio Deluxe help file, there is some good info.
> about interfaces. That is what I based mine on.
> I use a 4N25 optocoupler for PTT, a MAX232 for CAT level shifting, and 2
> small 1:1 600 ohm audio transformers for audio isolation.
> My V4 latency is usually around 50. Also, I have to date not bothered with
> an external soundcard (BAD say many), but use the Mic & Ear
> sockets on my laptop. I had some noise feeding back to the receiver from
> the operation of the trackpad, but properly shielding the interface totally
> fixed that.
> I cant comment on other issues with onboard soundcard - but I purchased a
> soundcard USB dongle for $19, but havent got around to comparing.
> You could also fhrow on some HF rated ferrite clipons for good measure - I
> use them with Pactor 3, but as yet, havent seen the need on V4 & the others.
>
> See Airmail help for more info on ferrites.
>
> As for settings in V4Chat: Radio Setup...
> Icom Amateur Radios.
> 48
> USB
>
> RADIO CONTROL PORT:
> Com 13, 9600, Enable RTS, Enable DTR
>
> PTT PORT (optional):
> Com 13, 9600 is greyed out, Enable RTS, Enable DTR

>
> A warning about same serial port appears, but continue. Should all work
> then. Of course, your radio address might not be 48, and you might not be
> on Com 13.
>
> Good luck, and check out the HRD help file - good information.
>
> Cheers
>
> Paul Whitaker. VK3DPW
> Monitoring 14073 ARQ most of the time.
>
>
>
>
>
>
>
>
>
>
>
> At 03:00 AM 10/10/2011, you wrote:
>
>
>
> I need some assistance with the TNC and radio settings in V4.
> My computer is a Toshiba dual core laptop running WIN 7 64 bit.
> The radio is a ICOM 706 (old model) which I have succesfully interfaced
> with HRD and MultiPSK
> The interface is a Digi ICOM CAT/CV-I serial port product made by
> xggcomms.com in England. I have successfully used this interface with HRD
> and MultiPSK and a few other digi programs and logging programs.
> I use an external USB sound card which shows as COM 3 with audio cables
> connecting to the Interface. The interface is connected to a computer USB
> which shows as COM 4. A CV-I cable from the interface is connected to the
> ICOM 706 CV-I connector.
> In V4 Set Up
> TNC: The capture device is selected to be the microphone on the USB sound
> card, The play back device is selected to be the USB sound card speaker
> output.
> Radio Settings: Radio Control Port = Com 4, PTT Control Port = CV-I...these
> settings allow the 706 to set and control frequency, but it will not key the
> transmitter
> If I set Radio Control Port = COM 3 RTS enabled, PTT control Port= Com 4
> DTS enable or RTS enabled the radio keys and transmitts immediately without
> control.
> Any assistance or ideas will be appreciated.
>
> Ted, WB2LOU
>

> Dromana Drive-In - 50 Years, 20 December 2012
>
>
>
>
> --
> Ted, WB2LOU
>
> You cannot change history, but you can make history !
> The legal cure for Ignorance is Education. The Stupidity of many is
> incurable.
>
> Dromana Drive-In - 50 Years, 20 December 2012
>
>
>
>
> --
> Ted, WB2LOU
>
> You cannot change history, but you can make history !
> The legal cure for Ignorance is Education. The Stupidity of many is
> incurable.
>
> **
>
> ** Dromana Drive-In - 50 Years, 20 December 2012
>
>
>

--
Ted, WB2LOU

You cannot change history, but you can make history !
The legal cure for Ignorance is Education. The Stupidity of many is
incurable.

2431. Re: Trial ADIF Log file comments

Yahoo group: V4Protocol
Date: 2011-10-11 17:20:42 UTC
From: ham
Topic: 2421 Message: 2431

Ed:

ADIF (Amateur Data Interchange Format) is a standard for entering QSOs into a computer based logging programs.

For more information, use Google with the keywords 'ADIF Specification'

73, Bernie

--- In V4Protocol@yahoogroups.com, "Ed Woods WD9DVA" <wd9dva@...> wrote:
>
> OK, what the heck is ADIF? Do we need it? How do we d/l the ADIF file (if we don't have it will we miss anything or much?) Ed WD9DVA
> ----- Original Message -----
> From: ham
> To: V4Protocol@yahoogroups.com
> Sent: Tuesday, October 11, 2011 15:05
> Subject: [V4Protocol] Re: Trial ADIF Log file comments
>
>
>
>
>
> Hi Rick:
>
> I loaded the test ADIF file into MIXW, Ham Radio Deluxe and DX Keeper with no problems. These programs were happy with the use of V4 as the mode.
>
> At the present time, uploading to LOTW and eql.cc will require the use of a mapping function for the mode. One eqsl.cc QSL I received, used HFSK which is not really defined but appears to be in the ADIF specification.
>
> Ideally, there should be a way to log FEC transmissions.
>
> I am unaware of how to get V4 onto the "approved list" of ADIF modes.
> Perhaps someone out there knows what needs to be done?
>
> 73, Bernie
>
> --- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@> wrote:
> >
> > All,
> >
> > I am working on the addition of automatic ADIF format QSO logging for V4 Chat. I have the basics of this working and there is a small sample file
> > V4Chat_ADIF_KN6KB.adi on the FTP. This currently logs only ARQ Calls and connected QSOs

including call sign, date, start and stop times UTC,
> > band, frequency and short comment indicating V4 ARQ Call or V4 ARQ QSO.
> >
> > Questions and comments?
> >
> > 1) Do we need to log FEC transmissions? If so what is the Start/stop?
> > 2) Any other data readily available need to be logged? I would rather this be as automatic as possible without the need for the operator to enter anything. Currently all the data above is automatically logged.
> > 3) Does it (Should it) tie into the minilog or not?
> > 4) Is the format OK (at least it was read OK by ADIFMaster!)
> > 5) Currently there is no mode standard for V4...I just used "V4". Is there someone/web site to enter the mode "V4" into some approved list?
> >
> > I would appreciate your feedback. This was pretty simple and should be in the next release.
> >
> > 73,
> >
> > Rick KN6KB
> >
>

2432. NEW VERSION.

Yahoo group: V4Protocol
Date: 2011-10-11 17:34:00 UTC
From: K4PDW
Topic: 2432 Message: 2432

ALMOST GAVE UP ON V-4 ..DL NEW VERSION AND NOW CAN COPY AND RECEIVE STATION.. THANKS FOR THE HARD WORK YOU HAVE DONE.....YOU KNOW WHO YOUR ARE FB NOW I CAN USE IT THANKS AGAIN

2433. Re: Trial ADIF Log file comments

Yahoo group: V4Protocol
Date: 2011-10-11 18:05:43 UTC
From: w4wxa
Topic: 2421 Message: 2433

WINMOR is an adif approved mode

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>
> I am working on the addition of automatic ADIF format QSO logging for V4 Chat. I have the basics of this working and there is a small sample file
> V4Chat_ADIF_KN6KB.adi on the FTP. This currently logs only ARQ Calls and connected QSOs including call sign, date, start and stop times UTC,
> band, frequency and short comment indicating V4 ARQ Call or V4 ARQ QSO.
>
> Questions and comments?
>
> 1) Do we need to log FEC transmissions? If so what is the Start/stop?
> 2) Any other data readily available need to be logged? I would rather this be as automatic as possible without the need for the operator to enter anything. Currently all the data above is automatically logged.
> 3) Does it (Should it) tie into the minilog or not?
> 4) Is the format OK (at least it was read OK by ADIFMaster!)
> 5) Currently there is no mode standard for V4...I just used "V4". Is there someone/web site to enter the mode "V4" into some approved list?
>
> I would appreciate your feedback. This was pretty simple and should be in the next release.
>
> 73,
>
> Rick KN6KB
>

2434. Re: [V4Protocol] Re: Trial ADIF Log file comments

Yahoo group: V4Protocol
Date: 2011-10-11 18:04:38 UTC
From: Rick Muething
Topic: 2421 Message: 2434

Ed,
When release in the next release V4 Chat will simple create an additional log in ADIF format. This will allow other programs, etc to capture V4 QSO information (Date, Time, Call sign, mode, frequency, name, QTH, Comment). You can ignore it our use it....its just another log in a specific format which many have asked for.

Rick KN6KB

From: Ed Woods WD9DVA
Sent: Tuesday, October 11, 2011 12:52 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Trial ADIF Log file comments

OK, what the heck is ADIF? Do we need it? How do we d/l the ADIF file (if we don't have it will we miss anything or much?) Ed WD9DVA
----- Original Message -----
From: ham
To: V4Protocol@yahoogroups.com
Sent: Tuesday, October 11, 2011 15:05
Subject: [V4Protocol] Re: Trial ADIF Log file comments

Hi Rick:

I loaded the test ADIF file into MIXW, Ham Radio Deluxe and DX Keeper with no problems. These programs were happy with the use of V4 as the mode.

At the present time, uploading to LOTW and eql.cc will require the use of a mapping function for the mode. One eqsl.cc QSL I received, used HFSK which is not really defined but appears to be in the ADIF specification.

Ideally, there should be a way to log FEC transmissions.

I am unaware of how to get V4 onto the "approved list" of ADIF modes.
Perhaps someone out there knows what needs to be done?

73, Bernie

--- In mailto:V4Protocol%40yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>
> I am working on the addition of automatic ADIF format QSO logging for V4 Chat. I have the basics of this working and there is a small sample file
> V4Chat_ADIF_KN6KB.adi on the FTP. This currently logs only ARQ Calls and connected QSOs including call sign, date, start and stop times UTC,
> band, frequency and short comment indicating V4 ARQ Call or V4 ARQ QSO.
>

> Questions and comments?
>
> 1) Do we need to log FEC transmissions? If so what is the Start/stop?
> 2) Any other data readily available need to be logged? I would rather this be as automatic as possible without the need for the operator to enter anything. Currently all the data above is automatically logged.
> 3) Does it (Should it) tie into the minilog or not?
> 4) Is the format OK (at least it was read OK by ADIFMaster!)
> 5) Currently there is no mode standard for V4...I just used "V4". Is there someone/web site to enter the mode "V4" into some approved list?
>
> I would appreciate your feedback. This was pretty simple and should be in the next release.
>
> 73,
>
> Rick KN6KB
>

2435. Re: [V4Protocol] Re: Trial ADIF Log file comments

Yahoo group: V4Protocol
Date: 2011-10-11 18:41:44 UTC
From: Rick Muething
Topic: 2421 Message: 2435

Yes, I know, but I don't know HOW or WHO put it in the ADIF spec. It wasn't me! V4 is not in there yet I don't believe.

Rick KN6KB

From: w4wxa
Sent: Tuesday, October 11, 2011 2:05 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Trial ADIF Log file comments

WINMOR is an adif approved mode

--- In mailto:V4Protocol%40yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>
> I am working on the addition of automatic ADIF format QSO logging for V4 Chat. I have the basics of this working and there is a small sample file
> V4Chat_ADIF_KN6KB.adi on the FTP. This currently logs only ARQ Calls and connected QSOs including call sign, date, start and stop times UTC,
> band, frequency and short comment indicating V4 ARQ Call or V4 ARQ QSO.
>
> Questions and comments?
>
> 1) Do we need to log FEC transmissions? If so what is the Start/stop?
> 2) Any other data readily available need to be logged? I would rather this be as automatic as possible without the need for the operator to enter anything. Currently all the data above is automatically logged.
> 3) Does it (Should it) tie into the minilog or not?
> 4) Is the format OK (at least it was read OK by ADIFMaster!)
> 5) Currently there is no mode standard for V4...I just used "V4". Is there someone/web site to enter the mode "V4" into some approved list?
>
> I would appreciate your feedback. This was pretty simple and should be in the next release.
>
> 73,
>
> Rick KN6KB
>

2436. Re: Trial ADIF Log file comments

Yahoo group: V4Protocol
Date: 2011-10-12 00:00:36 UTC
From: KB3FN
Topic: 2421 Message: 2436

Rick,
All looks great. Thank you. ADIF works FB here.
I would like to have FEC contacts added in the log.
How hard would it be to code that only if you have selcted FEC that it would prompt for start\end date and times?
As I said, otherwise all looks great.
Lynn - KB3FN

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
> 1) Do we need to log FEC transmissions? If so what is the Start/stop?

2437. Re: [V4Protocol] Re: Trial ADIF Log file comments

Yahoo group: V4Protocol
Date: 2011-10-12 02:01:47 UTC
From: Rick Muething
Topic: 2421 Message: 2437

I worked on this some today. It will now provide some automatic minimal logging for FEC that should provide a legal log. It also will include Name, QTH and Session AVG S/N for ARQ connections. We can tweak it some later but I would rather not have to require users to make special log entries...What I have now is completely automatic and transparent.

Rick KN6KB

From: KB3FN
Sent: Tuesday, October 11, 2011 8:00 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Trial ADIF Log file comments

Rick,
All looks great. Thank you. ADIF works FB here.
I would like to have FEC contacts added in the log.
How hard would it be to code that only if you have selcted FEC that it would prompt for start\end date and times?
As I said, otherwise all looks great.
Lynn - KB3FN

--- In mailto:V4Protocol%40yahoogroups.com, "kn6kb" <rmuething@...> wrote:
> 1) Do we need to log FEC transmissions? If so what is the Start/stop?

2438. Observed stations in VK3 last night.

Yahoo group: V4Protocol
Date: 2011-10-12 09:50:45 UTC
From: Paul Whitaker
Topic: 2421 Message: 2438

Hi all,
Have not seen good band conditions on 20 here in VK3 lately.
Having said that, its interesting to note that a number of stations
appeared on my screen overnight (I was asleep !)
KB0E 14:34, GW0EZY 15:16, GI5DS 15:46, G3NRW 17:32, G4LPW
20:11, K4PDW 20:17?,
G4LPW 20:22 (tried to connect, but was very weak), KD4QS 20:31, and
NY3J 20:53. All 14073.

V4 0.6.5.0 seems to be very sensitive, decoding even when my TX cant make
it back !.

Ill keep looking...

'73

Paul Whitaker.
VK3DPW

2439. Re: [V4Protocol] Observed stations in VK3 last night.

Yahoo group: V4Protocol
Date: 2011-10-12 10:19:32 UTC
From: Ian Wade G3NRW
Topic: 2421 Message: 2439

___Original Message_____________________________________
From: Paul Whitaker <dromana@...>
Date: Wed, 12 Oct 2011 Time: 20:50:45

>Hi all,
>Have not seen good band conditions on 20 here in VK3 lately.
>Having said that, its interesting to note that a number of stations
>appeared on my screen overnight (I was asleep !)
>KB0E 14:34, GW0EZY 15:16, GI5DS 15:46, G3NRW 17:32, G4LPW
>20:11, K4PDW 20:17?,
>G4LPW 20:22 (tried to connect, but was very weak), KD4QS 20:31, and
>NY3J 20:53. All 14073.

Thanks for the mention Paul. I was running about 50 watts to a
160/80/40m trap dipole with a somewhat inefficient ATU to tune the
antenna system to 20m. I did hear an IS???? station at around the same
time, but there was some very strong nasty, spiky QRM that made a QSO
impossible.

I hope to be on 20m again at around 1800 UTC this evening. Announcement
as usual at:

<http://www.obriensweb.com/sked/index.php?board=digitalradio>

--
73
Ian, G3NRW

2440. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-10-12 11:53:23 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2440

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.6.6.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.6.6.0 Full install with V4 TNC and revision Histories

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.6.6.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2441. V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-12 11:57:58 UTC
From: kn6kb
Topic: 2441 Message: 2441

All,

This new update fixes some minor problems and addes ADIF logging. Read the updated help on the logging page for a link to ADIF and available logging programs. We may do some minor tweaking on the logging but it is pretty functional now.

73,

Rick KN6KB

V4 Chat Revision History

Date: Rev Change Summary

Oct 12,2011 0.6.6.0 Release of 0.6.5.1

Oct 11,2011 0.6.5.1 Replace Autoupdate with latest version now with pop up reminder.
Add mechanism to restore focus to rtbSend after rtbSession update.
Add ARQ and FEC QSO loging to ADIF format in .adi log.
Change grdContacts columns to read only to eliminate problems with row seleciton on cell click.

V4 TNC Revision History

Date Rev # Summary ofChanges

Oct 12, 2011 0.6.6.0 Release of 0.6.5.1

Oct 11, 2011 0.6.5.1 Add function to capture Average S/N for session and send to host at end of ARQ session.

2442. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-10-12 12:25:54 UTC
From: Dick Lamberson
Topic: 43 Message: 2442

I heard that 10 meters has been open - anyone established a meeting place for V4 Chat on 10 meters?
I'd like to meet someone today about 1600Z if it's open between us (11 A.M.E.T.)
73
Dick, W4WEB

2443. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-10-12 12:45:33 UTC
From: Ted Trostle
Topic: 43 Message: 2443

Dick I made a DX contact yesterday, F1ALB, on 28.074 and heard other signals, but too weak to decode. However there were some AM stations , sounded like foreign CB'ers, with no ID call signs, etc.. They really hampered the process.

On Wed, Oct 12, 2011 at 8:25 AM, Dick Lamberson <w4web@...> wrote:

> **
>
>
> **
> I heard that 10 meters has been open - anyone established a meeting place
> for V4 Chat on 10 meters?
> I'd like to meet someone today about 1600Z if it's open between us (11
> A.M.E.T.)
> 73
> Dick, W4WEB
>
>
>

--
Ted, WB2LOU

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2444. Re:10 meter freq?

Yahoo group: V4Protocol
Date: 2011-10-12 12:53:52 UTC
From: Dick Lamberson
Topic: 2444 Message: 2444

Thanks Ted - I'll listen around there then - and I see I should have changed the subject of my first message - Sorry bout that fellows...
73,
Dick
----- Original Message -----
From: Ted Trostle
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 12, 2011 8:45 AM
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Dick I made a DX contact yesterday, F1ALB, on 28.074 and heard other signals, but too weak to decode. However there were some AM stations , sounded like foreign CB'ers, with no ID call signs, etc.. They really hampered the process.

On Wed, Oct 12, 2011 at 8:25 AM, Dick Lamberson <w4web@...> wrote:

I heard that 10 meters has been open - anyone established a meeting place for V4 Chat on 10 meters?
I'd like to meet someone today about 1600Z if it's open between us (11 A.M.E.T.)
73
Dick, W4WEB

--
Ted, WB2LOU

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The legal cure for Ignorance is Education. The Stupidity of many is incurable.

2445. Re: Observed stations in VK3 last night.

Yahoo group: V4Protocol
Date: 2011-10-12 13:30:05 UTC
From: ei5ds
Topic: 2421 Message: 2445

G'day Paul,

Reckon the GI5DS was EI5DS? I have copied your CQ call a number of times here in Dublin on 14073. Tried a few calls back without success. Band condx were good yesterday. 10m also. Suggest monitoring 28073 for V4 contacts.

73's de Ned/EI5DS

2446. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-10-12 13:32:41 UTC
From: Neil Lauritsen
Topic: 43 Message: 2446

Try 28.120 USB I will be there for about 1/2 hour 1600Z-1630Z

73,

Neil
W4NHL

----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 12, 2011 8:25 AM
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

I heard that 10 meters has been open - anyone established a meeting place for V4 Chat on 10 meters?
I'd like to meet someone today about 1600Z if it's open between us (11 A.M.E.T.)
73
Dick, W4WEB

2447. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-10-12 13:47:46 UTC
From: Dick Lamberson
Topic: 43 Message: 2447

Ok, I'll check that Neil - but we may be too near to each other for that band...
I just worked France F1ABL on 28073 - so 10 mtrs is open ...

----- Original Message -----
From: Neil Lauritsen
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 12, 2011 9:32 AM
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Try 28.120 USB I will be there for about 1/2 hour 1600Z-1630Z

73,

Neil
W4NHL

----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 12, 2011 8:25 AM
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

I heard that 10 meters has been open - anyone established a meeting place for V4 Chat on 10 meters?
I'd like to meet someone today about 1600Z if it's open between us (11 A.M.E.T.)
73
Dick, W4WEB

2448. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-10-12 14:34:21 UTC
From: Neil Lauritsen
Topic: 43 Message: 2448

Hi Dick,

28.073 works for me. I too just had QSO with F1ABL on that freq.

Neil
W4NHL

----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 12, 2011 9:47 AM
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Ok, I'll check that Neil - but we may be too near to each other for that band...
I just worked France F1ABL on 28073 - so 10 mtrs is open ...

----- Original Message -----
From: Neil Lauritsen
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 12, 2011 9:32 AM
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

Try 28.120 USB I will be there for about 1/2 hour 1600Z-1630Z

73,

Neil
W4NHL

----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 12, 2011 8:25 AM
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

I heard that 10 meters has been open - anyone established a meeting place for V4 Chat on 10 meters?
I'd like to meet someone today about 1600Z if it's open between us (11 A.M.E.T.)
73
Dick, W4WEB

2449. 10 Meter opening

Yahoo group: V4Protocol
Date: 2011-10-12 16:29:00 UTC
From: Fred Bourne
Topic: 2449 Message: 2449

Hi Gi's.

Well 10 is nicely open and all is working fine the Auto update worked fine this morning.

And V4 works fine with both the rigs I have FT 847 and the FT 1000mp.

I have to put the Frequency in by hand for the log entry. No hard ship.

Cat works all ok.

Cheers Rick

Fred G3YJQ

2450. Re: V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-12 16:31:25 UTC
From: Peter Zingsheim
Topic: 2441 Message: 2450

Rnx, Rick.

Autoupdate from 0.6.5.0 to 0.6.6.0 ok.

FEC calls into dummy load: entry into ADIF log. No entry in minilog.

ARQ CQ calls into dummy load show up in ADIF log.

Dummy QSO added to minilog does not show up in ADIF log.

It appears as if successful transfer of an ARQ contact to ADIF log requires being connected to a remote stn. Confirmed by on air connect.

Old entries (pre 0.6.6.0) in minilog do not show up in ADIF log. Feature or fault? How do I get them into the ADIF log?

73, Peter

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>
> This new update fixes some minor problems and addes ADIF logging. Read the updated help on the logging page for a link to ADIF and available logging programs. We may do some minor tweaking on the logging but it is pretty functional now.
>
> 73,
>
> Rick KN6KB
>
>
>
> V4 Chat Revision History
>
> Date: Rev Change Summary
>
> Oct 12,2011 0.6.6.0 Release of 0.6.5.1
>
> Oct 11,2011 0.6.5.1 Replace Autoupdate with latest version now with pop up reminder.
> Add mechanism to restore focus to rtbSend after rtbSession update.
> Add ARQ and FEC QSO loging to ADIF format in .adi log.
> Change grdContacts columns to read only to eliminate problems with row seleciton on cell click.
>
>
>
> V4 TNC Revision History

>
> Date Rev # Summary ofChanges
>
> Oct 12, 2011 0.6.6.0 Release of 0.6.5.1
>
> Oct 11, 2011 0.6.5.1 Add function to capture Average S/N for session and send to host at end of ARQ session.
>

2451. Re: [V4Protocol] Re: V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-12 17:19:27 UTC
From: Rick Muething
Topic: 2441 Message: 2451

Peter,

It is working as designed:
1) First there is no provisions for trying to go back through the mini log and bring those QSOs into the adif log...There can be just too many missing parameters e.g. Start and stop times, S/N etc. The adif log would be sparse and mostly useless.
2) The mini log is and always has been manual. You add'/delete entries by right clicking on the log as described in the Help.
3) The adif log will automatically log each ARQ QSO with Call sign, Frequency (assuming you are using radio control), mode, start date/time (UTC) stop time UTC, Avg S/N and a comment indicating V4 ARQ. IF the call sign MATCHES one in the mini log it will pick up the name and QTH from the mini log otherwise those are left out of the ADIF log (as explained in the help).
4) The ADIF log will also log connect attempts (CQ or calls to a Call sign) and those are identified in the Comment field.
5) The ADIF log will only provide minimum logging on FEC mode. There is no “connection” so there is no knowledge of any QSO call signs in FEC. There is no specific CONNECTED or DISCONNECTED time so the log simply logs the start time of an FEC transmission. It only logs every two minutes if you are doing repeated FEC transmissions. Basically the adif log is designed for QSOs which are ARQ but it does contain some info for FEC which may satisfy legal logging criteria. (I am not and refuse to become an armchair lawyer!)

Lets get some feedback and usage on this first and then see:
1) Are there additional items which can/should be entered automatically into the ADIF log? I prefer not to REQUIRE users HAVE to enter data on each connection just to log.
2) Should the function, contents and entry/edit method for the mini log be changed. For example we could add grid columns for Stop time, Avg SN etc and then automatically enter that into the Grid...BUT then grid will become quite large and require lots of “pruning” to keep it manageable. Or perhaps doing away with the grid entirely and using an existing program or writing a simple application that can read/sort/edit the ADIF log may be more useful. I personally want to try out a couple of the adif logging programs to get a feel for how they work and what they do. The format and spec is well thought out and simple enough so I think sticking to the ADIF log is a good idea and down the road may make things like contesting, field day etc. easier with V4.

If users out there have experience and good feedback on some existing ADIF logging programs perhaps they could post some links and sources for them?

73,

Rick KN6KB

From: Peter Zingsheim
Sent: Wednesday, October 12, 2011 12:31 PM
To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] Re: V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP

Rnx, Rick.

Autoupdate from 0.6.5.0 to 0.6.6.0 ok.

FEC calls into dummy load: entry into ADIF log. No entry in minilog.

ARQ CQ calls into dummy load show up in ADIF log.

Dummy QSO added to minilog does not show up in ADIF log.

It appears as if successful transfer of an ARQ contact to ADIF log requires being connected to a remote stn. Confirmed by on air connect.

Old entries (pre 0.6.6.0) in minilog do not show up in ADIF log. Feature or fault? How do I get them into the ADIF log?

73, Peter

--- In mailto:V4Protocol%40yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>
> This new update fixes some minor problems and addes ADIF logging. Read the updated help on the logging page for a link to ADIF and available logging programs. We may do some minor tweaking on the logging but it is pretty functional now.
>
> 73,
>
> Rick KN6KB
>
>
>
> V4 Chat Revision History
>
> Date: Rev Change Summary
>
> Oct 12,2011 0.6.6.0 Release of 0.6.5.1
>
> Oct 11,2011 0.6.5.1 Replace Autoupdate with latest version now with pop up reminder.
> Add mechanism to restore focus to rtbSend after rtbSession update.
> Add ARQ and FEC QSO loging to ADIF format in .adi log.
> Change grdContacts columns to read only to eliminate problems with row seleciton on cell click.
>
>
>
> V4 TNC Revision History
>
> Date Rev # Summary ofChanges
>

> Oct 12, 2011 0.6.6.0 Release of 0.6.5.1
>
> Oct 11, 2011 0.6.5.1 Add function to capture Average S/N for session and send to host at end of ARQ session.
>

2452. Re: V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-12 17:21:31 UTC
From: Peter Zingsheim
Topic: 2441 Message: 2452

Rick, one more question:

What is necessary for name, qth to find their way into the ADIF log?
Must they be entered while connected, i.e. is post qso editing not possible?

tnx, 73, Peter

--- In V4Protocol@yahoogroups.com, "Peter Zingsheim" <oe6zh@...> wrote:
>
> Rnx, Rick.
>
> Autoupdate from 0.6.5.0 to 0.6.6.0 ok.
>
> FEC calls into dummy load: entry into ADIF log. No entry in minilog.
>
> ARQ CQ calls into dummy load show up in ADIF log.
>
> Dummy QSO added to minilog does not show up in ADIF log.
>
> It appears as if successful transfer of an ARQ contact to ADIF log requires being connected to a remote stn. Confirmed by on air connect.
>
> Old entries (pre 0.6.6.0) in minilog do not show up in ADIF log. Feature or fault? How do I get them into the ADIF log?
>
> 73, Peter
>
> --- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@> wrote:
> >
> > All,
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> > This new update fixes some minor problems and addes ADIF logging. Read the updated help on the logging page for a link to ADIF and available logging programs. We may do some minor tweaking on the logging but it is pretty functional now.
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> > 73,
> >
> > Rick KN6KB
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> >
> > V4 Chat Revision History
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> > Date: Rev Change Summary
> >
> > Oct 12,2011 0.6.6.0 Release of 0.6.5.1

> >
> > Oct 11,2011 0.6.5.1 Replace Autoupdate with latest version now with pop up reminder.
> > Add mechanism to restore focus to rtbSend after rtbSession update.
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> > Oct 12, 2011 0.6.6.0 Release of 0.6.5.1
> >
> > Oct 11, 2011 0.6.5.1 Add function to capture Average S/N for session and send to host at end of ARQ session.
> >
>

2453. Re: V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-12 17:23:13 UTC
From: Peter Zingsheim
Topic: 2441 Message: 2453

tnx Rick, postings crossed. Most understood now. I will wait. 73, Peter

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Peter,
>
> It is working as designed:
> 1) First there is no provisions for trying to go back through the mini log and bring those QSOs into the adif log...There can be just too many missing parameters e.g. Start and stop times, S/N etc. The adif log would be sparse and mostly useless.
> 2) The mini log is and always has been manual. You add'/delete entries by right clicking on the log as described in the Help.
> 3) The adif log will automatically log each ARQ QSO with Call sign, Frequency (assuming you are using radio control), mode, start date/time (UTC) stop time UTC, Avg S/N and a comment indicating V4 ARQ. IF the call sign MATCHES one in the mini log it will pick up the name and QTH from the mini log otherwise those are left out of the ADIF log (as explained in the help).
> 4) The ADIF log will also log connect attempts (CQ or calls to a Call sign) and those are identified in the Comment field.
> 5) The ADIF log will only provide minimum logging on FEC mode. There is no â□□connectionâ□□ so there is no knowledge of any QSO call signs in FEC. There is no specific CONNECTED or DISCONNECTED time so the log simply logs the start time of an FEC transmission. It only logs every two minutes if you are doing repeated FEC transmissions. Basically the adif log is designed for QSOs which are ARQ but it does contain some info for FEC which may satisfy legal logging criteria. (I am not and refuse to become an armchair lawyer!)
>
> Lets get some feedback and usage on this first and then see:
> 1) Are there additional items which can/should be entered automatically into the ADIF log? I prefer not to REQUIRE users HAVE to enter data on each connection just to log.
> 2) Should the function, contents and entry/edit method for the mini log be changed. For example we could add grid columns for Stop time, Avg SN etc and then automatically enter that into the Grid...BUT then grid will become quite large and require lots of â□□pruningâ□□ to keep it manageable. Or perhaps doing away with the grid entirely and using an existing program or writing a simple application that can read/sort/edit the ADIF log may be more useful. I personally want to try out a couple of the adif logging programs to get a feel for how they work and what they do. The format and spec is well thought out and simple enough so I think sticking to the ADIF log is a good idea and down the road may make things like contesting, field day etc. easier with V4.
>
> If users out there have experience and good feedback on some existing ADIF logging programs perhaps they could post some links and sources for them?
>
> 73,
>
> Rick KN6KB
>
>
>

>
> From: Peter Zingsheim
> Sent: Wednesday, October 12, 2011 12:31 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP
>
>
> Rnx, Rick.
>
> Autoupdate from 0.6.5.0 to 0.6.6.0 ok.
>
> FEC calls into dummy load: entry into ADIF log. No entry in minilog.
>
> ARQ CQ calls into dummy load show up in ADIF log.
>
> Dummy QSO added to minilog does not show up in ADIF log.
>
> It appears as if successful transfer of an ARQ contact to ADIF log requires being connected to a remote stn. Confirmed by on air connect.
>
> Old entries (pre 0.6.6.0) in minilog do not show up in ADIF log. Feature or fault? How do I get them into the ADIF log?
>
> 73, Peter
>
> --- In mailto:V4Protocol%40yahoogroups.com, "kn6kb" <rmuething@> wrote:
> >
> > All,
> >
> > This new update fixes some minor problems and addes ADIF logging. Read the updated help on the logging page for a link to ADIF and available logging programs. We may do some minor tweaking on the logging but it is pretty functional now.
> >
> > 73,
> >
> > Rick KN6KB
> >
> >
> >
> > V4 Chat Revision History
> >
> > Date: Rev Change Summary
> >
> > Oct 12,2011 0.6.6.0 Release of 0.6.5.1
> >
> > Oct 11,2011 0.6.5.1 Replace Autoupdate with latest version now with pop up reminder.
> > Add mechanism to restore focus to rtbSend after rtbSession update.
> > Add ARQ and FEC QSO loging to ADIF format in .adi log.
> > Change grdContacts columns to read only to eliminate problems with row seleciton on cell click.
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> >
> >
> > V4 TNC Revision History
> >
> > Date Rev # Summary ofChanges
> >
> > Oct 12, 2011 0.6.6.0 Release of 0.6.5.1
> >
> > Oct 11, 2011 0.6.5.1 Add function to capture Average S/N for session and send to host at end of ARQ session.
> >
>

2454. Re: [V4Protocol] Re: V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-12 17:36:37 UTC
From: Rick Muething
Topic: 2441 Message: 2454

Peter,

The ADIF log record is created automatically immediately upon Disconnect on ARQ. IF there is an existing mini log entry for the call sign that entries name and QTH values are used. So during the connection you could add the call name and qth to the mini log and it would go automatically into the ADIF log. If you wait until after the connection ends then the ADIF log will be missing the name and QTH parameters.

Rick KN6KB

From: Peter Zingsheim
Sent: Wednesday, October 12, 2011 1:21 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP

Rick, one more question:

What is necessary for name, qth to find their way into the ADIF log?
Must they be entered while connected, i.e. is post qso editing not possible?

tnx, 73, Peter

--- In mailto:V4Protocol%40yahoogroups.com, "Peter Zingsheim" <oe6zh@...> wrote:
>
> Rnx, Rick.
>
> Autoupdate from 0.6.5.0 to 0.6.6.0 ok.
>
> FEC calls into dummy load: entry into ADIF log. No entry in minilog.
>
> ARQ CQ calls into dummy load show up in ADIF log.
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> Dummy QSO added to minilog does not show up in ADIF log.
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> It appears as if successful transfer of an ARQ contact to ADIF log requires being connected to a remote stn. Confirmed by on air connect.
>
> Old entries (pre 0.6.6.0) in minilog do not show up in ADIF log. Feature or fault? How do I get them into the ADIF log?
>
> 73, Peter
>
> --- In mailto:V4Protocol%40yahoogroups.com, "kn6kb" <rmuething@> wrote:
> >
> > All,

> >
> > This new update fixes some minor problems and addes ADIF logging. Read the updated help on the logging page for a link to ADIF and available logging programs. We may do some minor tweaking on the logging but it is pretty functional now.
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> > 73,
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> > Rick KN6KB
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> >
> > Oct 12,2011 0.6.6.0 Release of 0.6.5.1
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> > Date Rev # Summary ofChanges
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> > Oct 12, 2011 0.6.6.0 Release of 0.6.5.1
> >
> > Oct 11, 2011 0.6.5.1 Add function to capture Average S/N for session and send to host at end of ARQ session.
> >
>

2455. RE: [V4Protocol] Observed stations in VK3 last night.

Yahoo group: V4Protocol
Date: 2011-10-12 19:30:33 UTC
From: Ian Branch
Topic: 2421 Message: 2455

OH5RM @ 13:57

LA1AEA @ 14:05

KB4WEW @ 14:24

EA3AQS @ 15:02 through to 16:23.

G3JFS @ 18:29

G3NRW @ 18:59 through to 19:16

Ian

VK3YEA QTHR.

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Paul Whitaker
Sent: Wednesday, 12 October 2011 8:51 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Observed stations in VK3 last night.

Hi all,
Have not seen good band conditions on 20 here in VK3 lately.
Having said that, its interesting to note that a number of stations appeared on my screen overnight (I was asleep !)
KB0E 14:34, GW0EZY 15:16, GI5DS 15:46, G3NRW 17:32, G4LPW 20:11, K4PDW 20:17?,
G4LPW 20:22 (tried to connect, but was very weak), KD4QS 20:31, and NY3J 20:53. All 14073.

V4 0.6.5.0 seems to be very sensitive, decoding even when my TX cant make it back !.

Ill keep looking...

'73

Paul Whitaker.
VK3DPW

2456. Re: [V4Protocol] Re: V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-13 01:29:02 UTC
From: Dewayne Siddon
Topic: 2441 Message: 2456

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 12, 2011 1:36 PM
Subject: Re: [V4Protocol] Re: V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP

Peter,

The ADIF log record is created automatically immediately upon Disconnect on ARQ. IF there is an existing mini log entry for the call sign that entries name and QTH values are used. So during the connection you could add the call name and qth to the mini log and it would go automatically into the ADIF log. If you wait until after the connection ends then the ADIF log will be missing the name and QTH parameters.

Rick KN6KB

From: Peter Zingsheim
Sent: Wednesday, October 12, 2011 1:21 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP

Rick, one more question:

What is necessary for name, qth to find their way into the ADIF log?
Must they be entered while connected, i.e. is post qso editing not possible?

tnx, 73, Peter

--- In mailto:V4Protocol%40yahoogroups.com, "Peter Zingsheim" <oe6zh@...> wrote:
>
> Rnx, Rick.
>
> Autoupdate from 0.6.5.0 to 0.6.6.0 ok.
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> FEC calls into dummy load: entry into ADIF log. No entry in minilog.
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> ARQ CQ calls into dummy load show up in ADIF log.
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> It appears as if successful transfer of an ARQ contact to ADIF log requires being connected to a remote stn. Confirmed by on air connect.
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> Old entries (pre 0.6.6.0) in minilog do not show up in ADIF log. Feature or fault? How do I get them into the ADIF log?

>
> 73, Peter
>
> --- In mailto:V4Protocol%40yahoogroups.com, "kn6kb" <rmuething@> wrote:
> >
> > All,
> >
> > This new update fixes some minor problems and addes ADIF logging. Read the updated help on the logging page for a link to ADIF and available logging programs. We may do some minor tweaking on the logging but it is pretty functional now.
> >
> > 73,
> >
> > Rick KN6KB
> >
> >
> >
> > V4 Chat Revision History
> >
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> >
> > Oct 12,2011 0.6.6.0 Release of 0.6.5.1
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> > Oct 11,2011 0.6.5.1 Replace Autoupdate with latest version now with pop up reminder.
> > Add mechanism to restore focus to rtbSend after rtbSession update.
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> > Change grdContacts columns to read only to eliminate problems with row seleciton on cell click.
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> >
> >
> > V4 TNC Revision History
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> > Date Rev # Summary ofChanges
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> >
> > Oct 11, 2011 0.6.5.1 Add function to capture Average S/N for session and send to host at end of ARQ session.
> >
>

2457. Re: [V4Protocol] Re: V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-13 01:35:03 UTC
From: Dewayne Siddon
Topic: 2441 Message: 2457

I have not seen this mentioned and it may be addressed in more newly released versions, but just in case it may need to be looked at, I am posting this. Normally I would not post anything about an older version, but this could be easily overlooked.

On Version 0.6.5.0 auto update started as expected, and the update was taking longer that I expected. I accidently hit the 'red x' that closes the program and I got the expected "update in progrress are you sure you want to close" message. I selected NO, but the program closed anyway. I restarted to program and repeated the steps with the same result.

Dewayne KE4IDH

2458. Re: V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-13 07:14:05 UTC
From: Peter Zingsheim
Topic: 2441 Message: 2458

Rick,

tnx for explaining your design intent so clearly. This is a great help in understanding your philosophy and reducing queries due to ignorance.

Fine with me. My vote on your idea:
"
Or perhaps doing away with the grid entirely and using an existing program or writing a simple application that can read/sort/edit the ADIF log may be more useful.
"
I would prefer to keep the grid as is. Though a dedicated application to sort/edit might be fine, I´m happy with ADIF Master as is. Hardcore contesters or DXers might have different views.

After trying many, my logger (ADIF) experience is mainly based on DxKeeper, a module of the free DXLab suite by Dave, AA6YQ. Though overwhelming at first, support via Yahoo group is second to none. Dave is extremely forthcoming and cooperative, will not rest until an issue is resolved.

www.dxlabsuite.com

73, Cheers, Peter

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Peter,
>
> It is working as designed:
> 1) First there is no provisions for trying to go back through the mini log and bring those QSOs into the adif log...There can be just too many missing parameters e.g. Start and stop times, S/N etc. The adif log would be sparse and mostly useless.
> 2) The mini log is and always has been manual. You add'/delete entries by right clicking on the log as described in the Help.
> 3) The adif log will automatically log each ARQ QSO with Call sign, Frequency (assuming you are using radio control), mode, start date/time (UTC) stop time UTC, Avg S/N and a comment indicating V4 ARQ. IF the call sign MATCHES one in the mini log it will pick up the name and QTH from the mini log otherwise those are left out of the ADIF log (as explained in the help).
> 4) The ADIF log will also log connect attempts (CQ or calls to a Call sign) and those are identified in the Comment field.
> 5) The ADIF log will only provide minimum logging on FEC mode. There is no â□□connectionâ□□ so there is no knowledge of any QSO call signs in FEC. There is no specific CONNECTED or DISCONNECTED time so the log simply logs the start time of an FEC transmission. It only logs every two minutes if you are doing repeated FEC transmissions. Basically the adif log is designed for QSOs which are ARQ but it does contain some info for FEC which may satisfy legal logging criteria. (I am not and refuse to become an armchair lawyer!)
>
> Lets get some feedback and usage on this first and then see:

> 1) Are there additional items which can/should be entered automatically into the ADIF log? I prefer not to REQUIRE users HAVE to enter data on each connection just to log.
> 2) Should the function, contents and entry/edit method for the mini log be changed. For example we could add grid columns for Stop time, Avg SN etc and then automatically enter that into the Grid...BUT then grid will become quite large and require lots of â□□pruningâ□□ to keep it manageable. Or perhaps doing away with the grid entirely and using an existing program or writing a simple application that can read/sort/edit the ADIF log may be more useful. I personally want to try out a couple of the adif logging programs to get a feel for how they work and what they do. The format and spec is well thought out and simple enough so I think sticking to the ADIF log is a good idea and down the road may make things like contesting, field day etc. easier with V4.
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> If users out there have experience and good feedback on some existing ADIF logging programs perhaps they could post some links and sources for them?
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> 73,
>
> Rick KN6KB
>
>
>
>
> From: Peter Zingsheim
> Sent: Wednesday, October 12, 2011 12:31 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP
>
>snipped...

2459. Re: V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP

Yahoo group: V4Protocol
Date: 2011-10-13 14:49:19 UTC
From: Peter Zingsheim
Topic: 2441 Message: 2459

Rick,
now I have ADIF log automatic functionality as designed fully confirmed on air. Picks up name, qth ok, even from previous minilog entry (0.6.5.0 or earlier). Checked with ADIF Master. Excellent. Tnx.
73, Peter

--- In V4Protocol@yahoogroups.com, "Peter Zingsheim" <oe6zh@...> wrote:
>
> Rick,
>
> tnx for explaining your design intent so clearly. This is a great help in understanding your philosophy and reducing queries due to ignorance.
>
> Fine with me. My vote on your idea:
> "
> Or perhaps doing away with the grid entirely and using an existing program or writing a simple application that can read/sort/edit the ADIF log may be more useful.
> "
> I would prefer to keep the grid as is. Though a dedicated application to sort/edit might be fine, I´m happy with ADIF Master as is. Hardcore contesters or DXers might have different views.
>
> After trying many, my logger (ADIF) experience is mainly based on DxKeeper, a module of the free DXLab suite by Dave, AA6YQ. Though overwhelming at first, support via Yahoo group is second to none. Dave is extremely forthcoming and cooperative, will not rest until an issue is resolved.
>
> www.dxlabsuite.com
>
> 73, Cheers, Peter
>
> --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> >
> > Peter,
> >
> > It is working as designed:
> > 1) First there is no provisions for trying to go back through the mini log and bring those QSOs into the adif log...There can be just too many missing parameters e.g. Start and stop times, S/N etc. The adif log would be sparse and mostly useless.
> > 2) The mini log is and always has been manual. You add'/delete entries by right clicking on the log as described in the Help.
> > 3) The adif log will automatically log each ARQ QSO with Call sign, Frequency (assuming you are using radio control), mode, start date/time (UTC) stop time UTC, Avg S/N and a comment indicating V4 ARQ. IF the call sign MATCHES one in the mini log it will pick up the name and QTH from the mini log otherwise those are left out of the ADIF log (as explained in the help).
> > 4) The ADIF log will also log connect attempts (CQ or calls to a Call sign) and those are identified in the Comment

field.
> > 5) The ADIF log will only provide minimum logging on FEC mode. There is no â□□connectionâ□□ so there is no knowledge of any QSO call signs in FEC. There is no specific CONNECTED or DISCONNECTED time so the log simply logs the start time of an FEC transmission. It only logs every two minutes if you are doing repeated FEC transmissions. Basically the adif log is designed for QSOs which are ARQ but it does contain some info for FEC which may satisfy legal logging criteria. (I am not and refuse to become an armchair lawyer!)
> >
> > Lets get some feedback and usage on this first and then see:
> > 1) Are there additional items which can/should be entered automatically into the ADIF log? I prefer not to REQUIRE users HAVE to enter data on each connection just to log.
> > 2) Should the function, contents and entry/edit method for the mini log be changed. For example we could add grid columns for Stop time, Avg SN etc and then automatically enter that into the Grid...BUT then grid will become quite large and require lots of â□□pruningâ□□ to keep it manageable. Or perhaps doing away with the grid entirely and using an existing program or writing a simple application that can read/sort/edit the ADIF log may be more useful. I personally want to try out a couple of the adif logging programs to get a feel for how they work and what they do. The format and spec is well thought out and simple enough so I think sticking to the ADIF log is a good idea and down the road may make things like contesting, field day etc. easier with V4.
> >
> > If users out there have experience and good feedback on some existing ADIF logging programs perhaps they could post some links and sources for them?
> >
> > 73,
> >
> > Rick KN6KB
> >
> >
> >
> >
> > From: Peter Zingsheim
> > Sent: Wednesday, October 12, 2011 12:31 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] Re: V4Chat 0.6.6.0 posted to Autoupdate and on Yahoo FTP
> >
> > >snipped...
>

2460. ADIF File

Yahoo group: V4Protocol
Date: 2011-10-13 15:37:51 UTC
From: w4wxa
Topic: 2460 Message: 2460

Hello Rick
I have successfully uploaded a V4 Chat
generated .adi file to eqsl.cc.

You need this for mode:
<mode:3>PAC

V4 is not accepted as of yet by eqsl's version of adif.

73 de Tom, W4WXA

2461. First QSO with V4 mode

Yahoo group: V4Protocol
Date: 2011-10-13 17:32:21 UTC
From: ON2AD
Topic: 2461 Message: 2461

Hello to all,

Just finish my first QSO (Chat) with V31AE (Belize) on 10 meter.
His report I given was 559 and very loud and he used 50 Watt and a 8 el log periodic (13-30 Mhz)

My report given by V31AE was 519 and I use a IC-703 with 10 Watt on a GPA30 5 meters above the ground (see Pic on QRZ.com) and I have tuned the antenna.
Nice mode, that I must say I was a little nervous hi...

V31AE is now calling on 10 Meters.

73 de Pat ON2AD

PS: sorry for my bad English and type errors

2462. Re: [V4Protocol] ADIF File

Yahoo group: V4Protocol
Date: 2011-10-13 18:10:28 UTC
From: Rick Muething
Topic: 2460 Message: 2462

Thanks Tom,

I have a request in to the ADIF group to get a V4 mode designation. If it doesn’t come in by the next release I’ll change the mode to PAC. They have included WINMOR which I also authored and that has been only out about 2 years.

Rick KN6KB

From: w4wxa
Sent: Thursday, October 13, 2011 11:37 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] ADIF File

Hello Rick
I have successfully uploaded a V4 Chat
generated .adi file to eqsl.cc.

You need this for mode:
<mode:3>PAC

V4 is not accepted as of yet by eqsl's version of adif.

73 de Tom, W4WXA

2463. Yaesu FT450 frequency change

Yahoo group: V4Protocol
Date: 2011-10-14 01:13:17 UTC
From: kc2nyu
Topic: 2463 Message: 2463

Rick- do you see the ability to adjust the FT-450 frequency by clicking in the waterfall window anytime in the future? Or is that way down the priority list.

Tnx Paul

2464. Re: [V4Protocol] Yaesu FT450 frequency change

Yahoo group: V4Protocol
Date: 2011-10-14 10:33:41 UTC
From: Rick Muething
Topic: 2463 Message: 2464

Paul,

The FT450 is in the list and should work for setting the frequency via the mini log or Click to tune. I don't have a radio here to verify this but the code I am using has been verified on other programs (RMS Express).

There is a problem with most Yaesu models wrt readback of the frequency. This is new code and I will need time with some Yaesu radios to debug this. The debug code in the current version shows the read back Frequency command going to the radio but the Radio reply is not valid frequency data. Unfortunately Yaesu uses several different formats and codes for different models which makes this harder.

Perhaps there are other users on the reflector with a FT450 that can comment?

Rick KN6KB

From: kc2nyu
Sent: Thursday, October 13, 2011 9:13 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Yaesu FT450 frequency change

Rick- do you see the ability to adjust the FT-450 frequency by clicking in the waterfall window anytime in the future? Or is that way down the priority list.

Tnx Paul

2465. 0.6.6.0 auto update ok

Yahoo group: V4Protocol
Date: 2011-10-14 22:52:53 UTC
From: Juhani
Topic: 2465 Message: 2465

No problems with JUMA TRX2A/Experimental SW. Mini log and ADIF is fine. We will test V4 here in on on 80m under multipath/NVIS/aurora jitter effect. BR/73 "Yussi" OH7TE

2466. Mini Log to ADI

Yahoo group: V4Protocol
Date: 2011-10-15 17:17:56 UTC
From: w4wxa
Topic: 2466 Message: 2466

Hello all
I have written a small program to convert the data in your mini
log file in to an adif file. It is called mini2adi.exe
Down load from the link below and save it in your VChat data
folder where your mini log file is.
A file called v4chat.adi will be produced.
You can upload it to eqsl.cc
It puts a standard 599 in for a report
and a standard thanks for the qso kind of comment
You can edit those on eqsl after uploading if you like.
No guarantees with this
It might not work for you
73 de Tom, W4WXA

www.qsl.net/w4wxa/mini2adi.exe

2467. Re: Mini Log to ADI

Yahoo group: V4Protocol
Date: 2011-10-16 02:27:44 UTC
From: ham
Topic: 2466 Message: 2467

Thank you Tom, for providing this handy tool.

All my V4 QSO have not been uploaded to LOTW and eQSL.cc.

73, Bernie

--- In V4Protocol@yahoogroups.com, "w4wxa" <w4wxa@...> wrote:
>
> Hello all
> I have written a small program to convert the data in your mini
> log file in to an adif file. It is called mini2adi.exe
> Down load from the link below and save it in your VChat data
> folder where your mini log file is.
> A file called v4chat.adi will be produced.
> You can upload it to eqsl.cc
> It puts a standard 599 in for a report
> and a standard thanks for the qso kind of comment
> You can edit those on eqsl after uploading if you like.
> No guarantees with this
> It might not work for you
> 73 de Tom, W4WXA
>
> www.qsl.net/w4wxa/mini2adi.exe
>

2468. Re: Mini Log to ADI

Yahoo group: V4Protocol
Date: 2011-10-16 03:05:20 UTC
From: ham
Topic: 2466 Message: 2468

That should read "...have now been uploaded..."

--- In V4Protocol@yahoogroups.com, "ham" <ve3fwf@...> wrote:
>
> Thank you Tom, for providing this handy tool.
>
> All my V4 QSO have not been uploaded to LOTW and eQSL.cc.
>
>
> 73, Bernie
>
>
>
> --- In V4Protocol@yahoogroups.com, "w4wxa" <w4wxa@> wrote:
> >
> > Hello all
> > I have written a small program to convert the data in your mini
> > log file in to an adif file. It is called mini2adi.exe
> > Down load from the link below and save it in your VChat data
> > folder where your mini log file is.
> > A file called v4chat.adi will be produced.
> > You can upload it to eqsl.cc
> > It puts a standard 599 in for a report
> > and a standard thanks for the qso kind of comment
> > You can edit those on eqsl after uploading if you like.
> > No guarantees with this
> > It might not work for you
> > 73 de Tom, W4WXA
> >
> > www.qsl.net/w4wxa/mini2adi.exe
> >
>

2469. Re: TS-590S Digital HOWTO updated to version 1.1

Yahoo group: V4Protocol
Date: 2011-10-17 01:02:03 UTC
From: sander_pool
Topic: 2353 Message: 2469

Ian,

thanks for posting this. I'm trying to figure out what gear to get for WINMOR and V4 over HF and the TS-590 is on my list of options. Your guide will help clarify some questions I have about this.

73,

Sander KB1WCY

--- In V4Protocol@yahoogroups.com, Ian Wade G3NRW <g3nrw-radio@...> wrote:
>
> I have just updated my TS-590S digital HOWTO to version 1.1.

2470. Re: [V4Protocol] Re: TS-590S Digital HOWTO updated to version 1.1

Yahoo group: V4Protocol
Date: 2011-10-17 01:08:32 UTC
From: Ian Wade G3NRW
Topic: 2353 Message: 2470

___Original Message_____________________________________
From: sander_pool <sander_pool@...>
Date: Mon, 17 Oct 2011 Time: 01:02:03

>
>Ian,
>
>thanks for posting this. I'm trying to figure out what gear to get for
>WINMOR and V4 over HF and the TS-590 is on my list of options. Your
>guide will help clarify some questions I have about this.
>
>73,
>
> Sander KB1WCY
>

My pleasure. But be sure to download the latest version (1.2). This
version expands on some of the detail, and fixes an error.

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

2471. Re: [V4Protocol] Re: TS-590S Digital HOWTO updated to version 1.1

Yahoo group: V4Protocol
Date: 2011-10-17 01:36:06 UTC
From: Sander Pool
Topic: 2353 Message: 2471

I got the v1.2 version. It clarified things a great deal, thanks again. The TS-590 is now on the top of my list of rigs to get. If someone feels I should look at other radios in this range (say < $2000) please feel free to send me an email if it's not apropos for this list. One of the things I like about the TS-590 with the built in USB interface is the integration of both audio and control signals over a single cable. Because of the virtual audio devices and COM port the resulting interface isn't propriatary either. I have a Kenwood TH-D72a HT.

73,

Sander KB1WCY

On 10/16/2011 9:08 PM, Ian Wade G3NRW wrote:
>
> _
> My pleasure. But be sure to download the latest version (1.2). This
> version expands on some of the detail, and fixes an error.
>
>

2472. Re: [V4Protocol] Re: TS-590S Digital HOWTO updated to version 1.1

Yahoo group: V4Protocol
Date: 2011-10-17 01:45:48 UTC
From: Rick Muething
Topic: 2353 Message: 2472

Sander,
The IC7200 is very similar and has the built in sound card and similar one-USB-cable interface. We have had good luck with it as well.

Rick KN6KB

From: Sander Pool
Sent: Sunday, October 16, 2011 9:36 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: TS-590S Digital HOWTO updated to version 1.1

I got the v1.2 version. It clarified things a great deal, thanks again. The TS-590 is now on the top of my list of rigs to get. If someone feels I should look at other radios in this range (say < $2000) please feel free to send me an email if it's not apropos for this list. One of the things I like about the TS-590 with the built in USB interface is the integration of both audio and control signals over a single cable. Because of the virtual audio devices and COM port the resulting interface isn't propriatary either. I have a Kenwood TH-D72a HT.

73,

Sander KB1WCY

On 10/16/2011 9:08 PM, Ian Wade G3NRW wrote:

_
My pleasure. But be sure to download the latest version (1.2). This
version expands on some of the detail, and fixes an error.

2473. Re: [V4Protocol] Re: TS-590S Digital HOWTO updated to version 1.1

Yahoo group: V4Protocol
Date: 2011-10-17 02:04:31 UTC
From: Sander Pool
Topic: 2353 Message: 2473

Rick,

that radio was also recommended to me for digital communications by someone else. Let me read up more about it to find out how the radios compare. I already have an Excel sheet with radios and need to flesh out some of the differences.

Thanks and 73,

Sander KB1WCY

On 10/16/2011 9:45 PM, Rick Muething wrote:
>
> Sander,
> The IC7200 is very similar and has the built in sound card and similar
> one-USB-cable interface. We have had good luck with it as well.
> Rick KN6KB
>

2474. Problem with Entry Text Box

Yahoo group: V4Protocol
Date: 2011-10-17 16:17:11 UTC
From: Ned Daves
Topic: 2474 Message: 2474

Rick,
First, thank you for all of your hard work.

Another ham and I were having trouble getting ARQ communications to work. We had good propagation as we could converse in FEC mode with 100% correct copy. In ARQ mode, a connection would be made, then I was attempting to use the file paste to enter some predefined text into the text box. It would show greyed out like it had been sent to the outbound queue. But it never showed up in the OB queue character count, nor was it sent. In addition, after entering this state, even typed text would never enter the OB queue. What I discovered was that there was a CR at the end of the text file that I had entered. What seems to happen is, the text box sees the CR from the text file and greys out the text. But because the CR had not been entered from the keyboard, it does not get sent to the OB queue. And after that, even entering a CR from the keyboard does not clear the problem. Removing the CR at the end of the text file solved the problem. The text stays blue and a CR from the keyboard moves the text to the OB queue.

I hope this description is complete enough for you to find the problem. Thanks for listening.

Ned K4NED

2475. RE: [V4Protocol] Problem with Entry Text Box

Yahoo group: V4Protocol
Date: 2011-10-17 16:37:48 UTC
From: Rick Westerfield
Topic: 2474 Message: 2475

Have you tried the use of "Control CR" depending on how you have this arranged in Setup?

Rick W - KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ned Daves
Sent: Monday, October 17, 2011 11:17 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Problem with Entry Text Box

Rick,
First, thank you for all of your hard work.

Another ham and I were having trouble getting ARQ communications to work. We had good propagation as we could converse in FEC mode with 100% correct copy. In ARQ mode, a connection would be made, then I was attempting to use the file paste to enter some predefined text into the text box. It would show greyed out like it had been sent to the outbound queue. But it never showed up in the OB queue character count, nor was it sent. In addition, after entering this state, even typed text would never enter the OB queue. What I discovered was that there was a CR at the end of the text file that I had entered. What seems to happen is, the text box sees the CR from the text file and greys out the text. But because the CR had not been entered from the keyboard, it does not get sent to the OB queue. And after that, even entering a CR from the keyboard does not clear the problem. Removing the CR at the end of the text file solved the problem. The text stays blue and a CR from the keyboard moves the text to the OB queue.

I hope this description is complete enough for you to find the problem. Thanks for listening.

Ned K4NED

2476. Re: [V4Protocol] Problem with Entry Text Box

Yahoo group: V4Protocol
Date: 2011-10-17 17:37:18 UTC
From: Ned Daves
Topic: 2474 Message: 2476

Hi Rick,
Sure, I can do that. I also took the last CR off the end of the file. But the reason I have reported this is so that you are aware that there is a problem in your program that can cause undue frustration for users. Especially when it is not at first apparent what is causing the communications failure.

I also have been a computer programmer since 1978. Even doing significant assembly language programming. I was just trying to help you solve a problem that may have affected others that have reported text not going to the OB buffer.

Ned K4NED

On 10/17/2011 11:37 AM, Rick Westerfield wrote:

Have you tried the use of “Control CR” depending on how you have this arranged in Setup?

Rick W - KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ned Daves
Sent: Monday, October 17, 2011 11:17 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Problem with Entry Text Box

Rick,
First, thank you for all of your hard work.

Another ham and I were having trouble getting ARQ communications to work. We had good propagation as we could converse in FEC mode with 100% correct copy. In ARQ mode, a connection would be made, then I was attempting to use the file paste to enter some predefined text into the text box. It would show greyed out like it had been sent to the outbound queue. But it never showed up in the OB queue character count, nor was it sent. In addition, after entering this state, even typed text would never enter the OB queue. What I discovered was that there was a CR at the end of the text file that I had entered. What seems to happen is, the text box sees the CR from the text file and greys out the text. But because the CR had not been entered from the keyboard, it does not get sent to the OB queue. And after that, even entering a CR from the keyboard does not clear the problem. Removing the CR at the end of the text file solved the problem. The text stays blue and a CR from the keyboard moves the text to the OB queue.

I hope this description is complete enough for you to find the problem.
Thanks for listening.

Ned K4NED

2477. Re: Problem with Entry Text Box

Yahoo group: V4Protocol
Date: 2011-10-19 01:38:39 UTC
From: la7um
Topic: 2474 Message: 2477

After some qsos observing typical operator errors, I am pretty sure that the DEFAULT should be changed from CTRL CR to CR, but keeping all three options.

This would eliminate a lot of frustrated operators who don't even read the "#$$ manual after all else fails.

The options, especially the ctrl cr is very handy if you want to edit the stuff after entering just a CR.
And it is perfectly ok using this OPTION, after DELIBERATELY having chosen it, since then it dramatically increases the statistical probability that the operator now KNOWS what to do.

73 de la7um Finn

2478. Re: [V4Protocol] Re: Problem with Entry Text Box

Yahoo group: V4Protocol
Date: 2011-10-19 11:02:04 UTC
From: Rick Muething
Topic: 2474 Message: 2478

Finn,

It’s a trivial change...one line of code and I’ll probably change it. But I have a BASIC problem with trying to second guess how users set up the ONE and ONLY basic setup menu because they won’t read the help. What’s next? Guess their call sign and grid square? Assume a specific sound card? How about assuming they must be using an Icom 7200 radio on Com1? When you buy a radio they don’t have all the knobs in the default position!

An alternate approach would be to not to default ANYTHING and then force them to read the help because the form would not close until everything had been selected!

I guess it comes down to answering the question: Are you a libertarian or a socialist?

73,

Rick KN6KB

From: la7um
Sent: Tuesday, October 18, 2011 9:38 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Problem with Entry Text Box

After some qsos observing typical operator errors, I am pretty sure that the DEFAULT should be changed from CTRL CR to CR, but keeping all three options.

This would eliminate a lot of frustrated operators who don't even read the "#$$ manual after all else fails.

The options, especially the ctrl cr is very handy if you want to edit the stuff after entering just a CR.
And it is perfectly ok using this OPTION, after DELIBERATELY having chosen it, since then it dramatically increases the statistical probability that the operator now KNOWS what to do.

73 de la7um Finn

2479. Re: Problem with Entry Text Box

Yahoo group: V4Protocol
Date: 2011-10-19 11:41:44 UTC
From: la7um
Topic: 2474 Message: 2479

Rick...The best answer to date!! Ha Ha. HIHI, you got me.....and MAYBE quite an unverified number of others as well. I must be both. Riding two horses, running WINMOR and V4Chat at the same time.

This seems working well. Just leave V4 in FEC mode while running WINMOR, and don't leave WINMOR in Peer to Peer mode while running V4

73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Finn,
>
> Itâ□□s a trivial change...one line of code and Iâ□□ll probably change it. But I have a BASIC problem with trying to second guess how users set up the ONE and ONLY basic setup menu because they wonâ□□t read the help. Whatâ□□s next? Guess their call sign and grid square? Assume a specific sound card? How about assuming they must be using an Icom 7200 radio on Com1? When you buy a radio they donâ□□t have all the knobs in the default position!
>
> An alternate approach would be to not to default ANYTHING and then force them to read the help because the form would not close until everything had been selected!
>
> I guess it comes down to answering the question: Are you a libertarian or a socialist?
>
> 73,
>
> Rick KN6KB
>
>
> From: la7um
> Sent: Tuesday, October 18, 2011 9:38 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Problem with Entry Text Box
>
>
> After some qsos observing typical operator errors, I am pretty sure that the DEFAULT should be changed from CTRL CR to CR, but keeping all three options.
>
> This would eliminate a lot of frustrated operators who don't even read the "#$$ manual after all else fails.
>
> The options, especially the ctrl cr is very handy if you want to edit the stuff after entering just a CR.
> And it is perfectly ok using this OPTION, after DELIBERATELY having chosen it, since then it dramatically increases the statistical probability that the operator now KNOWS what to do.
>
> 73 de la7um Finn

>

2480. Re: Problem with Entry Text Box

Yahoo group: V4Protocol
Date: 2011-10-19 13:06:00 UTC
From: Ron Werthman
Topic: 2474 Message: 2480

I'm in absolute agreement with Rick on this one. If users can't be bothered reading the help they deserve some frustration !

2481. Re: [V4Protocol] Re: Problem with Entry Text Box

Yahoo group: V4Protocol
Date: 2011-10-19 13:37:29 UTC
From: Fred G -w1wyc
Topic: 2474 Message: 2481

Ron,

The problem is they take their frustation out on Rick.....

Fred, W1WYC

----- Original Message -----
From: Ron Werthman
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 19, 2011 9:06 AM
Subject: [V4Protocol] Re: Problem with Entry Text Box

I'm in absolute agreement with Rick on this one. If users can't be bothered reading the help they deserve some frustration !

2482. Re: [V4Protocol] Re: Problem with Entry Text Box

Yahoo group: V4Protocol
Date: 2011-10-19 13:59:27 UTC
From: Rick Muething
Topic: 2474 Message: 2482

All,
Understanding the “Send” or “move to outbound queue” function is fundamental to being able to use the program.
Actually the more I think about it the easiest way and best to encourage the user may be this:
1) If there is no call sign (as in the initial startup) the Set up menu will pop up.
2) Instead of defaulting one of the three options to the “Send” function I’ll default to none checked.
3) Upon an attempt to “Update” I’ll pop up a MSG box if none of the “Send” options has been selected advising they select one and/or read the help (requires clicking the Setup Help button which displays the full details and explanation of the setup screen).

This may at least get them to read one of the more important pages of the help since they won’t be able to operate at all without saving the setup (which has the call sign).

Maybe this is going to far? I seem to recall some axiom about “when you finally make something idiot proof only idiots will use it!”
Comments?

Rick KN6KB

From: Fred G -w1wyc
Sent: Wednesday, October 19, 2011 9:37 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Problem with Entry Text Box

Ron,

The problem is they take their frustation out on Rick.....

Fred, W1WYC

----- Original Message -----
From: Ron Werthman
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 19, 2011 9:06 AM
Subject: [V4Protocol] Re: Problem with Entry Text Box

I'm in absolute agreement with Rick on this one. If users can't be bothered reading the help they deserve some frustration !

2483. Re: Problem with Entry Text Box

Yahoo group: V4Protocol
Date: 2011-10-22 23:00:43 UTC
From: la7um
Topic: 2474 Message: 2483

I try second time. First was a joke. Did not pop up. This one is serious. Maybe Ricks suggestion really IS good. Forcing the users make a deliberate choice after reading something of the Help info.

This issue really IS crucial making the V4CHAT SW WORK.

73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> All,
> Understanding the â□□Sendâ□□ or â□□move to outbound queueâ□□ function is fundamental to being able to use the program.
> Actually the more I think about it the easiest way and best to encourage the user may be this:
> 1) If there is no call sign (as in the initial startup) the Set up menu will pop up.
> 2) Instead of defaulting one of the three options to the â□□Sendâ□□ function Iâ□□ll default to none checked.
> 3) Upon an attempt to â□□Updateâ□□ Iâ□□ll pop up a MSG box if none of the â□□Sendâ□□ options has been selected advising they select one and/or read the help (requires clicking the Setup Help button which displays the full details and explanation of the setup screen).
>
> This may at least get them to read one of the more important pages of the help since they wonâ□□t be able to operate at all without saving the setup (which has the call sign).
>
> Maybe this is going to far? I seem to recall some axiom about â□□when you finally make something idiot proof only idiots will use it!â□□
> Comments?
>
> Rick KN6KB
>
> From: Fred G -w1wyc
> Sent: Wednesday, October 19, 2011 9:37 AM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Re: Problem with Entry Text Box
>
>
>
> Ron,
>
> The problem is they take their frustation out on Rick.....
>
> Fred, W1WYC
>
> ----- Original Message -----
> From: Ron Werthman
> To: V4Protocol@yahoogroups.com

> Sent: Wednesday, October 19, 2011 9:06 AM
> Subject: [V4Protocol] Re: Problem with Entry Text Box
>
>
>
> I'm in absolute agreement with Rick on this one. If users can't be bothered reading the help they deserve some frustration !
>

2484. Where is Everyone??

Yahoo group: V4Protocol
Date: 2011-10-24 13:34:12 UTC
From: rapidan2011
Topic: 2484 Message: 2484

In the past several days I have not heard one V4 station on any of the recommended frequencies. The last V4 contact I had was with a guy in England on 20 mtrs.

With the bands as hot as they are I am surprised.

Ted, WB2LOU

2485. RE: [V4Protocol] Where is Everyone??

Yahoo group: V4Protocol
Date: 2011-10-24 14:22:11 UTC
From: Victor Tait
Topic: 2484 Message: 2485

Hi Ted I also was wondering what had happened hi .... I sit often on 28.073 and call CQ from time to time. 73 de Victor Gi4LKGwww.qrz.com/db/gi4lkg To: V4Protocol@yahoogroups.com
From: ttrostle35@...
Date: Mon, 24 Oct 2011 13:34:12 +0000
Subject: [V4Protocol] Where is Everyone??

In the past several days I have not heard one V4 station on any of the recommended frequencies. The last V4 contact I had was with a guy in England on 20 mtrs.

With the bands as hot as they are I am surprised.

Ted, WB2LOU

2486. Re: [V4Protocol] Where is Everyone??

Yahoo group: V4Protocol
Date: 2011-10-24 14:16:35 UTC
From: Ed Woods WD9DVA
Topic: 2484 Message: 2486

regarding 40 I suspect prop. Thats my favorite. Go there daily, but nada. 73 Ed WD9DVA
----- Original Message -----
From: rapidan2011
To: V4Protocol@yahoogroups.com
Sent: Monday, October 24, 2011 13:34
Subject: [V4Protocol] Where is Everyone??

In the past several days I have not heard one V4 station on any of the recommended frequencies. The last V4 contact I had was with a guy in England on 20 mtrs.

With the bands as hot as they are I am surprised.

Ted, WB2LOU

2487. Re: [V4Protocol] Where is Everyone??

Yahoo group: V4Protocol
Date: 2011-10-24 16:36:14 UTC
From: n3wt@comcast.net
Topic: 2484 Message: 2487

We are all on 10 meters CW working the fantastic DX.

John N3WT

----- Original Message -----
From: rapidan2011 <ttrostle35@...>
To: V4Protocol@yahoogroups.com
Sent: Mon, 24 Oct 2011 13:34:12 -0000 (UTC)
Subject: [V4Protocol] Where is Everyone??

In the past several days I have not heard one V4 station on any of the recommended frequencies. The last V4 contact I had was with a guy in England on 20 mtrs.

With the bands as hot as they are I am surprised.

Ted, WB2LOU

2488. V4 QRG on 28 MHz?

Yahoo group: V4Protocol
Date: 2011-10-25 03:44:39 UTC
From: Juhani
Topic: 2488 Message: 2488

Last week 10m is widely open around world. Pse info abt popular frequency?! 73 "Yussi" OH7TE.

2489. Re: V4 QRG on 28 MHz?

Yahoo group: V4Protocol
Date: 2011-10-25 21:45:35 UTC
From: Robert Belize
Topic: 2488 Message: 2489

Hi Yussi..
I haven't worked you on 28073.0 Khz yet...
the 73 qrg is good for calling, you can always qsy after...
Today, propagation wasn't as good as b4... I had aurora on 6 meters...Flatter flatter audio hihi...With 6y...

If you are idle, and not turning the vfo, stay at 28o73.0 khz for v4chat calls..I might call cq, what I did b4 but nada yet...We are only a few v4chat guys. I do 7Mhz dx at nights, ssb...Working Europe...

73 from a hot spot...
Robert V31AE

--- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>
> Last week 10m is widely open around world. Pse info abt popular frequency?! 73 "Yussi" OH7TE.
>

2490. Re: [V4Protocol] Re: V4 QRG on 28 MHz?

Yahoo group: V4Protocol
Date: 2011-10-25 22:12:09 UTC
From: Yussuf
Topic: 2488 Message: 2490

Okay Robert!

I will be 28073 on 10m in future, when band is open.
We use here in "OH" 40 m QRG 7045 USB for digital mode testing.
Most WM/RFSM and ALE400 ARQ but we listen carefully if any V4 is visible or
hrd...hi.
Best activty time is weekends abt 09 ... 14 UTC.

Now I will go V4 and QRV/calling 7045 abt 45 minutes, then QZZ...zzzz

73 "yussi" OH7TE

2011/10/26 Robert Belize <robertbelize@...>

> **
>
>
> Hi Yussi..
> I haven't worked you on 28073.0 Khz yet...
> the 73 qrg is good for calling, you can always qsy after...
> Today, propagation wasn't as good as b4... I had aurora on 6
> meters...Flatter flatter audio hihi...With 6y...
>
> If you are idle, and not turning the vfo, stay at 28o73.0 khz for v4chat
> calls..I might call cq, what I did b4 but nada yet...We are only a few
> v4chat guys. I do 7Mhz dx at nights, ssb...Working Europe...
>
> 73 from a hot spot...
> Robert V31AE
>
>
> --- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
> >
> > Last week 10m is widely open around world. Pse info abt popular
> frequency?! 73 "Yussi" OH7TE.
> >
>
>
>
>

--
73's OH7TE Yufenau

2491. Re: V4 QRG on 28 MHz?

Yahoo group: V4Protocol
Date: 2011-10-26 15:11:00 UTC
From: Robert Belize
Topic: 2488 Message: 2491

Hurricane situation here...developing...Lets hope for the better...

I am on 28073.0 Khz dial qrg...stby for calls v4chat
Sometimes I call cq...

Robert V31AE

--- In V4Protocol@yahoogroups.com, Yussuf <yufenau@...> wrote:
>
> Okay Robert!
>
> I will be 28073 on 10m in future, when band is open.
> We use here in "OH" 40 m QRG 7045 USB for digital mode testing.
> Most WM/RFSM and ALE400 ARQ but we listen carefully if any V4 is visible or
> hrd...hi.
> Best activty time is weekends abt 09 ... 14 UTC.
>
> Now I will go V4 and QRV/calling 7045 abt 45 minutes, then QZZ...zzzz
>
> 73 "yussi" OH7TE
>
> 2011/10/26 Robert Belize <robertbelize@...>
>
> > **
> >
> >
> > Hi Yussi..
> > I haven't worked you on 28073.0 Khz yet...
> > the 73 qrg is good for calling, you can always qsy after...
> > Today, propagation wasn't as good as b4... I had aurora on 6
> > meters...Flatter flatter audio hihi...With 6y...
> >
> > If you are idle, and not turning the vfo, stay at 28o73.0 khz for v4chat
> > calls..I might call cq, what I did b4 but nada yet...We are only a few
> > v4chat guys. I do 7Mhz dx at nights, ssb...Working Europe...
> >
> > 73 from a hot spot...
> > Robert V31AE
> >
> >
> > --- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@> wrote:
> > >
> > > Last week 10m is widely open around world. Pse info abt popular
> > frequency?! 73 "Yussi" OH7TE.
> > >
> >

> >
> >
>
>
>
> --
> 73's OH7TE Yufenau
>

2492. Re: [V4Protocol] Re: V4 QRG on 28 MHz?

Yahoo group: V4Protocol
Date: 2011-10-26 18:30:36 UTC
From: Yussuf
Topic: 2488 Message: 2492

Robert,

I'm 28073 now..lets see...

2011/10/26 Robert Belize <robertbelize@...>

> **
>
>
> Hurricane situation here...developing...Lets hope for the better...
>
> I am on 28073.0 Khz dial qrg...stby for calls v4chat
> Sometimes I call cq...
>
> Robert V31AE
>
>
> --- In V4Protocol@yahoogroups.com, Yussuf <yufenau@...> wrote:
> >
> > Okay Robert!
> >
> > I will be 28073 on 10m in future, when band is open.
> > We use here in "OH" 40 m QRG 7045 USB for digital mode testing.
> > Most WM/RFSM and ALE400 ARQ but we listen carefully if any V4 is visible
> or
> > hrd...hi.
> > Best activty time is weekends abt 09 ... 14 UTC.
> >
> > Now I will go V4 and QRV/calling 7045 abt 45 minutes, then QZZ...zzzz
> >
> > 73 "yussi" OH7TE
> >
> > 2011/10/26 Robert Belize <robertbelize@...>
> >
> > > **
>
> > >
> > >
> > > Hi Yussi..
> > > I haven't worked you on 28073.0 Khz yet...
> > > the 73 qrg is good for calling, you can always qsy after...
> > > Today, propagation wasn't as good as b4... I had aurora on 6
> > > meters...Flatter flatter audio hihi...With 6y...
> > >
> > > If you are idle, and not turning the vfo, stay at 28o73.0 khz for
> v4chat

> > > calls..I might call cq, what I did b4 but nada yet...We are only a few
> > > v4chat guys. I do 7Mhz dx at nights, ssb...Working Europe...
> > >
> > > 73 from a hot spot...
> > > Robert V31AE
> > >
> > >
> > > --- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@> wrote:
> > > >
> > > > Last week 10m is widely open around world. Pse info abt popular
> > > frequency?! 73 "Yussi" OH7TE.
> > > >
> > >
> > >
> > >
> >
> >
> >
> > --
> > 73's OH7TE Yufenau
> >
>
>
>

--
73's OH7TE Yufenau

2493. RE: [V4Protocol] Re: V4 QRG on 28 MHz?

Yahoo group: V4Protocol
Date: 2011-10-26 18:36:57 UTC
From: Ian Branch
Topic: 2488 Message: 2493

Nothing heard in VK3 att.:-)

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Yussuf
Sent: Thursday, 27 October 2011 5:31 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: V4 QRG on 28 MHz?

Robert,

I'm 28073 now..lets see...

2011/10/26 Robert Belize <robertbelize@...>

Hurricane situation here...developing...Lets hope for the better...

I am on 28073.0 Khz dial qrg...stby for calls v4chat
Sometimes I call cq...

Robert V31AE

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> , Yussuf <yufenau@...> wrote:
>
> Okay Robert!
>
> I will be 28073 on 10m in future, when band is open.
> We use here in "OH" 40 m QRG 7045 USB for digital mode testing.
> Most WM/RFSM and ALE400 ARQ but we listen carefully if any V4 is visible or
> hrd...hi.
> Best activty time is weekends abt 09 ... 14 UTC.
>
> Now I will go V4 and QRV/calling 7045 abt 45 minutes, then QZZ...zzzz
>
> 73 "yussi" OH7TE
>

> 2011/10/26 Robert Belize <robertbelize@...>
>
> > **

> >
> >
> > Hi Yussi..
> > I haven't worked you on 28073.0 Khz yet...
> > the 73 qrg is good for calling, you can always qsy after...

> > Today, propagation wasn't as good as b4... I had aurora on 6
> > meters...Flatter flatter audio hihi...With 6y...
> >
> > If you are idle, and not turning the vfo, stay at 28o73.0 khz for v4chat
> > calls..I might call cq, what I did b4 but nada yet...We are only a few
> > v4chat guys. I do 7Mhz dx at nights, ssb...Working Europe...
> >
> > 73 from a hot spot...
> > Robert V31AE
> >
> >

> > --- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
, "Juhani" <yufenau@> wrote:
> > >
> > > Last week 10m is widely open around world. Pse info abt popular
> > frequency?! 73 "Yussi" OH7TE.
> > >
> >
> >
> >
>
>
>

> --
> 73's OH7TE Yufenau
>

--
73's OH7TE Yufenau

2494. Re: [V4Protocol] Re: V4 QRG on 28 MHz?

Yahoo group: V4Protocol
Date: 2011-10-26 19:31:23 UTC
From: Fred G -w1wyc
Topic: 2488 Message: 2494

Hi Robert,

I see Hurricane Rina heading your way on the http://www.hwn.org/stormpulse_atlantic.html site.
The site says it is packing 85MPH winds.
Looks like its going to pass over Cozumel.

Good luck,
Fred, W1WYC

----- Original Message -----
From: Ian Branch
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 26, 2011 2:36 PM
Subject: RE: [V4Protocol] Re: V4 QRG on 28 MHz?

Nothing heard in VK3 att.:-)

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Yussuf
Sent: Thursday, 27 October 2011 5:31 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: V4 QRG on 28 MHz?

Robert,

I'm 28073 now..lets see...

2011/10/26 Robert Belize <robertbelize@yahoo.com>

Hurricane situation here...developing...Lets hope for the better...

I am on 28073.0 Khz dial qrg...stby for calls v4chat
Sometimes I call cq...

Robert V31AE

--- In V4Protocol@yahoogroups.com, Yussuf <yufenau@...> wrote:
>
> Okay Robert!
>
> I will be 28073 on 10m in future, when band is open.
> We use here in "OH" 40 m QRG 7045 USB for digital mode testing.
> Most WM/RFSM and ALE400 ARQ but we listen carefully if any V4 is visible or
> hrd...hi.
> Best activty time is weekends abt 09 ... 14 UTC.
>
> Now I will go V4 and QRV/calling 7045 abt 45 minutes, then QZZ...zzzz
>

> 73 "yussi" OH7TE
>

> 2011/10/26 Robert Belize <robertbelize@...>
>
> > **

> >
> >
> > Hi Yussi..
> > I haven't worked you on 28073.0 Khz yet...
> > the 73 qrg is good for calling, you can always qsy after...
> > Today, propagation wasn't as good as b4... I had aurora on 6
> > meters...Flatter flatter audio hihi...With 6y...
> >
> > If you are idle, and not turning the vfo, stay at 28o73.0 khz for v4chat
> > calls..I might call cq, what I did b4 but nada yet...We are only a few
> > v4chat guys. I do 7Mhz dx at nights, ssb...Working Europe...
> >
> > 73 from a hot spot...
> > Robert V31AE
> >
> >

> > --- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@> wrote:
> > >
> > > Last week 10m is widely open around world. Pse info abt popular
> > frequency?! 73 "Yussi" OH7TE.
> > >
> >
> >
> >
>
>
>

> --
> 73's OH7TE Yufenau
>

--
73's OH7TE Yufenau

2495. Re: V4 QRG on 28 MHz?

Yahoo group: V4Protocol
Date: 2011-10-26 23:01:05 UTC
From: Robert Belize
Topic: 2488 Message: 2495

Hi Fred, It's all clear now.. that beast passed as without harming anybody in Belize..
Am beaming now to VK and ZL and call cq on 28073 dial

Yussy, nada from u.. sorry..
Robert V31AE

--- In V4Protocol@yahoogroups.com, "Fred G -w1wyc" <f_garside@...> wrote:
>
> Hi Robert,
>
> I see Hurricane Rina heading your way on the http://www.hwn.org/stormpulse_atlantic.html site.
> The site says it is packing 85MPH winds.
> Looks like its going to pass over Cozumel.
>
> Good luck,
> Fred, W1WYC
>
> ----- Original Message -----
> From: Ian Branch
> To: V4Protocol@yahoogroups.com
> Sent: Wednesday, October 26, 2011 2:36 PM
> Subject: RE: [V4Protocol] Re: V4 QRG on 28 MHz?
>
>
>
>
>
> Nothing heard in VK3 att.:-)
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Yussuf
> Sent: Thursday, 27 October 2011 5:31 AM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Re: V4 QRG on 28 MHz?
>
>
>
>
>
> Robert,
>
> I'm 28073 now..lets see...
>
> 2011/10/26 Robert Belize <robertbelize@...>

>
>
>
> Hurricane situation here...developing...Lets hope for the better...
>
> I am on 28073.0 Khz dial qrg...stby for calls v4chat
> Sometimes I call cq...
>
> Robert V31AE
>
>
>
> --- In V4Protocol@yahoogroups.com, Yussuf <yufenau@> wrote:
> >
> > Okay Robert!
> >
> > I will be 28073 on 10m in future, when band is open.
> > We use here in "OH" 40 m QRG 7045 USB for digital mode testing.
> > Most WM/RFSM and ALE400 ARQ but we listen carefully if any V4 is visible or
> > hrd...hi.
> > Best activty time is weekends abt 09 ... 14 UTC.
> >
> > Now I will go V4 and QRV/calling 7045 abt 45 minutes, then QZZ...zzzz
> >
> > 73 "yussi" OH7TE
> >
>
> > 2011/10/26 Robert Belize <robertbelize@>
> >
> > > **
>
>
> > >
> > >
> > > Hi Yussi..
> > > I haven't worked you on 28073.0 Khz yet...
> > > the 73 qrg is good for calling, you can always qsy after...
> > > Today, propagation wasn't as good as b4... I had aurora on 6
> > > meters...Flatter flatter audio hihi...With 6y...
> > >
> > > If you are idle, and not turning the vfo, stay at 28o73.0 khz for v4chat
> > > calls..I might call cq, what I did b4 but nada yet...We are only a few
> > > v4chat guys. I do 7Mhz dx at nights, ssb...Working Europe...
> > >
> > > 73 from a hot spot...
> > > Robert V31AE
> > >
> > >
>
> > > --- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@> wrote:

> > > >
> > > > Last week 10m is widely open around world. Pse info abt popular
> > > frequency?! 73 "Yussi" OH7TE.
> > > >
> > >
> > >
> > >
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> > --
> > 73's OH7TE Yufenau
> >
>
>
>
>
> --
> 73's OH7TE Yufenau
>

2496. RE: [V4Protocol] Re: V4 QRG on 28 MHz?

Yahoo group: V4Protocol
Date: 2011-10-26 23:06:47 UTC
From: Ian Branch
Topic: 2488 Message: 2496

Listening in VK3 on 28073 dial.

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Robert Belize
Sent: Thursday, 27 October 2011 10:01 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: V4 QRG on 28 MHz?

Hi Fred, It's all clear now.. that beast passed as without harming anybody in Belize..
Am beaming now to VK and ZL and call cq on 28073 dial

Yussy, nada from u.. sorry..
Robert V31AE

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> , "Fred G -w1wyc" <f_garside@...> wrote:
>
> Hi Robert,
>
> I see Hurricane Rina heading your way on the http://www.hwn.org/stormpulse_atlantic.html site.
> The site says it is packing 85MPH winds.
> Looks like its going to pass over Cozumel.
>
> Good luck,
> Fred, W1WYC
>
> ----- Original Message -----
> From: Ian Branch
> To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> Sent: Wednesday, October 26, 2011 2:36 PM
> Subject: RE: [V4Protocol] Re: V4 QRG on 28 MHz?
>
>
>
>
>
> Nothing heard in VK3 att.:-)
>
>
>
> From: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> [mailto:V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>] On Behalf Of Yussuf
> Sent: Thursday, 27 October 2011 5:31 AM
> To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>

> Subject: Re: [V4Protocol] Re: V4 QRG on 28 MHz?
>
>
>
>
>
> Robert,
>
> I'm 28073 now..lets see...
>
> 2011/10/26 Robert Belize <robertbelize@...>
>
>
>
> Hurricane situation here...developing...Lets hope for the better...
>
> I am on 28073.0 Khz dial qrg...stby for calls v4chat
> Sometimes I call cq...
>
> Robert V31AE
>
>
>
> --- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> ,
Yussuf <yufenau@> wrote:
> >
> > Okay Robert!
> >
> > I will be 28073 on 10m in future, when band is open.
> > We use here in "OH" 40 m QRG 7045 USB for digital mode testing.
> > Most WM/RFSM and ALE400 ARQ but we listen carefully if any V4 is visible
or
> > hrd...hi.
> > Best activty time is weekends abt 09 ... 14 UTC.
> >
> > Now I will go V4 and QRV/calling 7045 abt 45 minutes, then QZZ...zzzz
> >
> > 73 "yussi" OH7TE
> >
>
> > 2011/10/26 Robert Belize <robertbelize@>
> >
> > > **
>
>
> > >
> > >
> > > Hi Yussi..
> > > I haven't worked you on 28073.0 Khz yet...
> > > the 73 qrg is good for calling, you can always qsy after...

> > > Today, propagation wasn't as good as b4... I had aurora on 6
> > > meters...Flatter flatter audio hihi...With 6y...
> > >
> > > If you are idle, and not turning the vfo, stay at 28o73.0 khz for
v4chat
> > > calls..I might call cq, what I did b4 but nada yet...We are only a few
> > > v4chat guys. I do 7Mhz dx at nights, ssb...Working Europe...
> > >
> > > 73 from a hot spot...
> > > Robert V31AE
> > >
> > >
>
> > > --- In V4Protocol@yahoogroups.com
<mailto:V4Protocol%40yahoogroups.com> , "Juhani" <yufenau@> wrote:
> > > >
> > > > Last week 10m is widely open around world. Pse info abt popular
> > > frequency?! 73 "Yussi" OH7TE.
> > > >
> > >
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> > --
> > 73's OH7TE Yufenau
> >
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>
>
> --
> 73's OH7TE Yufenau
>

2497. V4 QRV 7045

Yahoo group: V4Protocol
Date: 2011-10-27 20:33:55 UTC
From: Juhani
Topic: 2303 Message: 2497

Now QRV and sometimes CQ on 40m band QRG 7045. 73 "Yussi" OH7TE

2498. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-10-28 00:28:59 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2498

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 0.6.7.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 0.6.7.0 Full install with revision histories

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%200.6.7.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2499. V4Chat update 0.6.7.0 posted on Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-10-28 00:36:00 UTC
From: kn6kb
Topic: 2499 Message: 2499

All,
Some of you reported problems and while I am not sure this update will fix all it definitely will help with cases that were seeing very high traffic on the TCP Command port due to BUFFER messages. This fix only sends the messages (sent from the TNC to display the OB buffer size on V4Chat) only on buffer changes.

Also the default value (this won't affect any existing users) for the "Send Command" is now none selected forcing the user to make a selection and advising him of the help file information.

Help is also updated.

I am working on the Yaesu readback problems but will be taking a few days off so not sure I will get them done this week. I wanted this update to get out however as it aparently causes problems on some computers.

As usual if you have a problem. Note the UTC time. Describe the problem in as much detail as you can. Send the V4TNC Debug log and any exception logs to me as attachments at rmuethingATcfl.rr.com

73,

Rick KN6KB

2500. Where to start?

Yahoo group: V4Protocol
Date: 2011-10-28 11:12:19 UTC
From: eevil_hitman
Topic: 2500 Message: 2500

Hi all,
Well i have the software installed and it seems to be operating ok, but where is everybody?

I've tried calling CQ on some frequencies people have said they are listening to in earlier threads on the off chance but no joy to date.

I am in VK3, what frequencies are people typically monitoring for V4.

Cheers
Matt
VK3EVL

2501. Re: [V4Protocol] Where to start?

Yahoo group: V4Protocol
Date: 2011-10-28 11:24:55 UTC
From: Rick Westerfield
Topic: 2500 Message: 2501

Try around 7.073 then 14.073. You can also schedule a QSO here with somebody.

Rick KH2DF

Sent from my iPhone

On Oct 28, 2011, at 6:12 AM, "eevil_hitman" <hitman@...> wrote:

> Hi all,
> Well i have the software installed and it seems to be operating ok, but where is everybody?
>
> I've tried calling CQ on some frequencies people have said they are listening to in earlier threads on the off chance but no joy to date.
>
> I am in VK3, what frequencies are people typically monitoring for V4.
>
> Cheers
> Matt
> VK3EVL
>
>

2502. RE: [V4Protocol] Where to start?

Yahoo group: V4Protocol
Date: 2011-10-28 16:33:14 UTC
From: Victor Tait
Topic: 2500 Message: 2502

Matt I listen es call on 28.073 from abt 0900z to 1600z most days. Also check and try a call on 21.073 es 14.073 from time to time. 73 de Victor Gi4LKGwww.qrz.com/db/gi4lkg To: V4Protocol@yahoogroups.com
From: hitman@itglowz.com
Date: Fri, 28 Oct 2011 11:12:19 +0000
Subject: [V4Protocol] Where to start?

Hi all,

Well i have the software installed and it seems to be operating ok, but where is everybody?

I've tried calling CQ on some frequencies people have said they are listening to in earlier threads on the off chance but no joy to date.

I am in VK3, what frequencies are people typically monitoring for V4.

Cheers

Matt

VK3EVL

2503. Re: [V4Protocol] Where to start?

Yahoo group: V4Protocol
Date: 2011-10-28 22:20:14 UTC
From: Paul Whitaker
Topic: 2500 Message: 2503

>Hi Matt,

Ill have my system running on 14073 USB over the weekend.
If im not in the shack, you can connect ARQ to my callsign for a test.
I only have 80, 40 & 20 mtr antennas, so usually leave the syste, on 14073.
Amazing what comes up overnight....

Cheers

Paul
VK3DPW

2504. Re: [V4Protocol] Where to start?

Yahoo group: V4Protocol
Date: 2011-10-30 03:59:13 UTC
From: Hitman (Melb)
Topic: 2500 Message: 2504

Thanks All,
Paul i just tried calling a few times with no joy. 0200z
Have you got any record of me attempting to connect?

Cheers
matt

On 29/10/2011 09:20, Paul Whitaker wrote:
>
> z
> >Hi Matt,
>
> Ill have my system running on 14073 USB over the weekend.
> If im not in the shack, you can connect ARQ to my callsign for a test.
> I only have 80, 40 & 20 mtr antennas, so usually leave the syste, on
> 14073.
> Amazing what comes up overnight....
>
> Cheers
>
> Paul
> VK3DPW
>
>

2505. Re: [V4Protocol] Where to start?

Yahoo group: V4Protocol
Date: 2011-10-30 06:37:19 UTC
From: Paul Whitaker
Topic: 2500 Message: 2505

Hi Matt,
Been out all avo, just got your EMail.
Had a look - Yes, your callsign, and something about still learning to
drive this... very broken, and no actual CQ's decoded, so no time stamp.
Im home now, and will be for a while - wish it had a BELL function to close
a relay on the interface to operate an alarm is callsign detected....

Talk soon. - You could always sent me a quick text to get my
attention. 0414314025

Paul. VK3DPW

At 02:59 PM 30/10/2011, you wrote:
>
>
>Thanks All,
>Paul i just tried calling a few times with no joy. 0200z
>Have you got any record of me attempting to connect?
>
>Cheers
>matt
>
>On 29/10/2011 09:20, Paul Whitaker wrote:
>>
>>
>>z
>> >Hi Matt,
>>
>>Ill have my system running on 14073 USB over the weekend.
>>If im not in the shack, you can connect ARQ to my callsign for a test.
>>I only have 80, 40 & 20 mtr antennas, so usually leave the syste, on 14073.
>>Amazing what comes up overnight....
>>
>>Cheers
>>
>>Paul
>>VK3DPW
>
>

Dromana Drive-In - 50 Years, 20 December 2012

2506. Re: [V4Protocol] Where to start?

Yahoo group: V4Protocol
Date: 2011-10-30 06:42:08 UTC
From: Hitman (Melb)
Topic: 2500 Message: 2506

Ahhh, i just had a QSO with VK3IFM where i made that comment (who is approx 2 km from me)
I will keep trying and we will get there.

Thanks again

Matthew

On 30/10/2011 17:37, Paul Whitaker wrote:
>
> Hi Matt,
> Been out all avo, just got your EMail.
> Had a look - Yes, your callsign, and something about still learning to
> drive this... very broken, and no actual CQ's decoded, so no time stamp.
> Im home now, and will be for a while - wish it had a BELL function to
> close a relay on the interface to operate an alarm is callsign
> detected....
>
> Talk soon. - You could always sent me a quick text to get my
> attention. 0414314025
>
> Paul. VK3DPW
>
>
>
>
>
>
> At 02:59 PM 30/10/2011, you wrote:
>
>>
>>
>> Thanks All,
>> Paul i just tried calling a few times with no joy. 0200z
>> Have you got any record of me attempting to connect?
>>
>> Cheers
>> matt
>>
>> On 29/10/2011 09:20, Paul Whitaker wrote:
>>>
>>>
>>> z
>>> >Hi Matt,
>>>
>>> Ill have my system running on 14073 USB over the weekend.

>>> If im not in the shack, you can connect ARQ to my callsign for a test.
>>> I only have 80, 40 & 20 mtr antennas, so usually leave the syste, on
>>> 14073.
>>> Amazing what comes up overnight....
>>>
>>> Cheers
>>>
>>> Paul
>>> VK3DPW
>>
> Dromana Drive-In - 50 Years, 20 December 2012
>
>

2507. Re: Problem with Entry Text Box

Yahoo group: V4Protocol
Date: 2011-10-19 16:39:11 UTC
From: la7um
Topic: 2474 Message: 2507

Ha ha... Thanks for the complement...I cannot be a complete idiot then...got the beta-keycode...but probably being a Radiot anyway... does that count??? 73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> All,
> Understanding the â□□Sendâ□□ or â□□move to outbound queueâ□□ function is fundamental to being able to use the program.
> Actually the more I think about it the easiest way and best to encourage the user may be this:
> 1) If there is no call sign (as in the initial startup) the Set up menu will pop up.
> 2) Instead of defaulting one of the three options to the â□□Sendâ□□ function Iâ□□ll default to none checked.
> 3) Upon an attempt to â□□Updateâ□□ Iâ□□ll pop up a MSG box if none of the â□□Sendâ□□ options has been selected advising they select one and/or read the help (requires clicking the Setup Help button which displays the full details and explanation of the setup screen).
>
> This may at least get them to read one of the more important pages of the help since they wonâ□□t be able to operate at all without saving the setup (which has the call sign).
>
> Maybe this is going to far? I seem to recall some axiom about â□□when you finally make something idiot proof only idiots will use it!â□□
> Comments?
>
> Rick KN6KB
>
> From: Fred G -w1wyc
> Sent: Wednesday, October 19, 2011 9:37 AM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Re: Problem with Entry Text Box
>
>
>
> Ron,
>
> The problem is they take their frustation out on Rick.....
>
> Fred, W1WYC
>
> ----- Original Message -----
> From: Ron Werthman
> To: V4Protocol@yahoogroups.com
> Sent: Wednesday, October 19, 2011 9:06 AM
> Subject: [V4Protocol] Re: Problem with Entry Text Box
>
>

>
> I'm in absolute agreement with Rick on this one. If users can't be bothered reading the help they deserve some frustration !
>

2508. Re: Problem with Entry Text Box

Yahoo group: V4Protocol
Date: 2011-10-31 10:17:22 UTC
From: la7um
Topic: 2474 Message: 2508

The posting below, #2507, took 12 days until popping up. Sorry. What did happen within the yahoo?....Mails from other also delayed? 73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "la7um" <la7um@...> wrote:
>
> Ha ha... Thanks for the complement...I cannot be a complete idiot then...got the beta-keycode...but probably being a Radiot anyway... does that count??? 73. Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> >
> > All,
> > Understanding the â□□Sendâ□□ or â□□move to outbound queueâ□□ function is fundamental to being able to use the program.
> > Actually the more I think about it the easiest way and best to encourage the user may be this:
> > 1) If there is no call sign (as in the initial startup) the Set up menu will pop up.
> > 2) Instead of defaulting one of the three options to the â□□Sendâ□□ function Iâ□□ll default to none checked.
> > 3) Upon an attempt to â□□Updateâ□□ Iâ□□ll pop up a MSG box if none of the â□□Sendâ□□ options has been selected advising they select one and/or read the help (requires clicking the Setup Help button which displays the full details and explanation of the setup screen).
> >
> > This may at least get them to read one of the more important pages of the help since they wonâ□□t be able to operate at all without saving the setup (which has the call sign).
> >
> > Maybe this is going to far? I seem to recall some axiom about â□□when you finally make something idiot proof only idiots will use it!â□□
> > Comments?
> >
> > Rick KN6KB
> >
> > From: Fred G -w1wyc
> > Sent: Wednesday, October 19, 2011 9:37 AM
> > To: V4Protocol@yahoogroups.com
> > Subject: Re: [V4Protocol] Re: Problem with Entry Text Box
> >
> >
> >
> > Ron,
> >
> > The problem is they take their frustation out on Rick.....
> >
> > Fred, W1WYC
> >
> > ----- Original Message -----
> > From: Ron Werthman

> > To: V4Protocol@yahoogroups.com
> > Sent: Wednesday, October 19, 2011 9:06 AM
> > Subject: [V4Protocol] Re: Problem with Entry Text Box
> >
> >
> >
> > I'm in absolute agreement with Rick on this one. If users can't be bothered reading the help they deserve some frustration !
> >
>

2509. Flex Radio Causes Lock Up of Connected Station's V4

Yahoo group: V4Protocol
Date: 2011-11-01 13:13:40 UTC
From: rapidan2011
Topic: 2509 Message: 2509

I ran into an interesting problem where the station I was connected to locked up when I became the ISS. Upon retries it happened again and again. Having data in the buffer or not made no difference.

I am running the FLEX 3000 SDR with the latest software v.2.2.3.

When I switch to either an ICOM 706 or 746, all is sweet.

Ted, WB2LOU

2510. Dot Net Oops

Yahoo group: V4Protocol
Date: 2011-11-02 01:58:19 UTC
From: jhhaynes@earthlink.net
Topic: 2510 Message: 2510

Due to a sad occurrence I've had to rebuild my WinXP system. When I went to install V4Chat again it said I need .NET 3.5. I followed the link to get that and what it leads to is .NET 4 Which I installed but V4Chat doesn't seem to buy.

2511. Re: Dot Net Oops

Yahoo group: V4Protocol
Date: 2011-11-02 02:18:55 UTC
From: jhhaynes@earthlink.net
Topic: 2510 Message: 2511

--- In V4Protocol@yahoogroups.com, jhhaynes@... wrote:
>
> Due to a sad occurrence I've had to rebuild my WinXP system. When
> I went to install V4Chat again it said I need .NET 3.5. I followed
> the link to get that and what it leads to is .NET 4 Which I
> installed but V4Chat doesn't seem to buy.
>

Well then I saw the C:\V4Chat directory is still there, so I went into it and clicked on the setup icon. And it opened a window saying it was installing .NET 3.5 Framework SP1 but the progress bar never moved. Another window opened saying Please wait while setup configures the components, but also a progress bar that never moves.

2512. Active frequencies

Yahoo group: V4Protocol
Date: 2011-11-02 02:28:36 UTC
From: John Elliott
Topic: 2512 Message: 2512

RegardsCan I confirm that the accepted frequencies for operation are 3073 14073 21073 28073 ??.

Anybody monitoring any of those frequencies on a regular basis ??. Would like to have a go a long haul HF.

John Elliott
VK3CVF

2513. Re: [V4Protocol] Dot Net Oops

Yahoo group: V4Protocol
Date: 2011-11-02 03:06:05 UTC
From: Matthew VK3EVL
Topic: 2510 Message: 2513

Hi,

Go to http://www.microsoft.com/download/en/details.aspx?id=21 [1]
to download .net framework 3.5

Cheers

Matthew

VK3EVL

On Wed, 02 Nov
2011 01:58:19 -0000, jhhaynes@... wrote:

Due to a sad
occurrence I've had to rebuild my WinXP system. When
I went to install
V4Chat again it said I need .NET 3.5. I followed
the link to get that and
what it leads to is .NET 4 Which I
installed but V4Chat doesn't seem to
buy.

Links:
------
[1]
http://www.microsoft.com/download/en/details.aspx?id=21
[2]
mailto:jhhaynes@...?subject=Re%3A%20Dot%20Net%20Oops
[3]
mailto:V4Protocol@yahoogroups.com?subject=Re%3A%20Dot%20Net%20Oops
[4]
http://groups.yahoo.com/group/V4Protocol/post;_ylc=X3oDMTJxdm1pZHBnBF9TAzk3MzU5NzE0BGdycEl
kAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMyNTEwBHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTMyM
DE5OTEwMg--?act=reply&messageNum=2510
[5]
http://groups.yahoo.com/group/V4Protocol/post;_ylc=X3oDMTJmMGE5YmVsBF9TAzk3MzU5NzE0BGdycEl
kAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEzMjAxOTkxMDI-
[6]
http://groups.yahoo.com/group/V4Protocol/message/2510;_ylc=X3oDMTM1NzBoM2VkBF9TAzk3MzU5NzE
0BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMyNTEwBHNlYwNmdHIEc2xrA3Z0cGMEc3Rpb
WUDMTMyMDE5OTEwMgR0cGNJZAMyNTEw
[7]
http://groups.yahoo.com/group/V4Protocol/members;_ylc=X3oDMTJnbjhvaGdwBF9TAzk3MzU5NzE0BGdy
cElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2bWJycwRzdGltZQMxMzIwMTk5MTAy?o
=6
[8]

http://groups.yahoo.com/group/V4Protocol/files;_ylc=X3oDMTJoN3NkcmdvBF9TAzk3MzU5NzE0BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2ZmlsZXMEc3RpbWUDMTMyMDE5OTEwMg--
[9]
http://groups.yahoo.com/group/V4Protocol;_ylc=X3oDMTJmcTIycWgzBF9TAzk3MzU5NzE0BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzEzMjAxOTkxMDI-
[10]
http://global.ard.yahoo.com/SIG=15ocs3ch8/M=493064.14543979.14562481.13298430/D=groups/S=1705063108:MKP1/Y=YAHOO/EXP=1320206302/L=24b6ad30-04f6-11e1-a9c4-bf89d6b03aac/B=5IIkHNBDRss-/J=1320199102257978/K=O9PuzToktE9Z9DYKpfDG_A/A=6060255/R=0/SIG=1194m4keh/*http://us.toolbar.yahoo.com/?.cpdl=grpj
[11]
http://groups.yahoo.com/;_ylc=X3oDMTJldjY3bWxmBF9TAzk3MzU5NzE0BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTMyMDE5OTEwMg--
[12]
mailto:V4Protocol-traditional@yahoogroups.com?subject=Change Delivery
Format: Traditional
[13]
mailto:V4Protocol-digest@yahoogroups.com?subject=Email Delivery:
Digest
[14]
mailto:V4Protocol-unsubscribe@yahoogroups.com?subject=Unsubscribe
[15]
http://docs.yahoo.com/info/terms/

2514. Re: Dot Net Oops

Yahoo group: V4Protocol
Date: 2011-11-02 03:47:35 UTC
From: jhhaynes@earthlink.net
Topic: 2510 Message: 2514

Well after I went away for a while and came back it had installed
V4Chat, and the ControlPanel->Add or Remove Programs shows that
.NET 3.5 is there. (Along with .NET 4)

So the only real problem is that the installer seems to lead you to
the wrong place at Microsoft if it thinks you need to install .NET 3.5

2515. Re: [V4Protocol] Active frequencies

Yahoo group: V4Protocol
Date: 2011-11-02 10:00:34 UTC
From: Stan Kozlowitz
Topic: 2512 Message: 2515

John, The 80-mtr frequency in the US would be 3573 kHz (not 3073). The US amateur 80-mtr band starts at 3500 kHz for Extra class licensees. The General and Advanced class allocation is from 3525 to 3600 kHz.

3073 is probably a military frequency with some MARS (Military Auxiliary Radio System) activity.

3573 kHz would be a good freq for VK-land also. I think you had a typo in your message, and you actually meant 3573 kHz.

Good luck with V4Chat. It is a fun mode.

Stan Kozlowitz
aa5xo@...
aa5xo@...
NNN0YSD@...

From: John Elliott <jaellio@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, November 1, 2011 10:28 PM
Subject: [V4Protocol] Active frequencies

RegardsCan I confirm that the accepted frequencies for operation are
3073 14073 21073 28073 ??.

Anybody monitoring any of those frequencies on a regular basis ??. Would like to have a go a long haul HF.

John Elliott
VK3CVF

2516. Re: [V4Protocol] Dot Net Oops

Yahoo group: V4Protocol
Date: 2011-11-02 11:48:49 UTC
From: Rick Westerfield
Topic: 2510 Message: 2516

Have you ran all of the Windows Updates? That is how I got 3.5.

Rick KH2DF

Sent from my iPhone

On Nov 1, 2011, at 8:58 PM, jhhaynes@... wrote:

> Due to a sad occurrence I've had to rebuild my WinXP system. When
> I went to install V4Chat again it said I need .NET 3.5. I followed
> the link to get that and what it leads to is .NET 4 Which I
> installed but V4Chat doesn't seem to buy.
>
>

2517. Re: [V4Protocol] Active frequencies

Yahoo group: V4Protocol
Date: 2011-11-02 23:17:38 UTC
From: Les Keppie
Topic: 2512 Message: 2517

Hi All

Regards this statement

<<<<< 3573 kHz would be a good freq for VK-land also. I think you had a
typo
<<<<< in your message, and you actually meant 3573 kHz.

http://www.wia.org.au/members/bandplans/data/
and at bottom of page look a
Australian Band Plans 111008.pdf
Read Note 2 - 3620 to 3640 kHz is the digital
area in VK for 80m band

Les VK2DSG

On Wed, 02 Nov 2011 21:00:34 +1100, Stan Kozlowitz <aa5xo@...>
wrote:

> John, The 80-mtr frequency in the US would be 3573 kHz (not 3073). The
> US amateur 80-mtr band starts at 3500 kHz for Extra class licensees.
> The General and Advanced class allocation is from 3525 to 3600 kHz.
>
>
> 3073 is probably a military frequency with some MARS (Military Auxiliary
> Radio System) activity.
>
>

>
> Good luck with V4Chat. It is a fun mode.
>
> Stan Kozlowitz
> aa5xo@...
> aa5xo@...
> NNN0YSD@...
>
>
>
>
> _____
> From: John Elliott <jaellio@...>
> To: V4Protocol@yahoogroups.com
> Sent: Tuesday, November 1, 2011 10:28 PM
> Subject: [V4Protocol] Active frequencies
>
>

>
>
> RegardsCan I confirm that the accepted frequencies for operation are
> 3073 14073 21073 28073 ??.
> Anybody monitoring any of those frequencies on a regular basis ??.
> Would like to have a go a long haul HF.
>
> John Elliott
> VK3CVF
>
>

--
Using Opera's revolutionary email client: http://www.opera.com/mail/

2518. Re: [V4Protocol] Active frequencies

Yahoo group: V4Protocol
Date: 2011-11-03 15:25:59 UTC
From: Stan Kozlowitz
Topic: 2512 Message: 2518

Les, thanks for the correction. I did not think about sub-band allocations. Man, that's not a lot of room for digital!!!

Stan Kozlowitz
aa5xo@...
aa5xo@...
NNN0YSD@...

304-613-5375

From: Les Keppie <leskep@...>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, November 2, 2011 7:17 PM
Subject: Re: [V4Protocol] Active frequencies

Hi All

Regards this statement

<<<<< 3573 kHz would be a good freq for VK-land also. I think you had a typo
<<<<< in your message, and you actually meant 3573 kHz.

http://www.wia.org.au/members/bandplans/data/
and at bottom of page look a
Australian Band Plans 111008.pdf
Read Note 2 - 3620 to 3640 kHz is the digital
area in VK for 80m band

Les VK2DSG

On Wed, 02 Nov 2011 21:00:34 +1100, Stan Kozlowitz <aa5xo@...> wrote:

> John, The 80-mtr frequency in the US would be 3573 kHz (not 3073). The
> US amateur 80-mtr band starts at 3500 kHz for Extra class licensees.
> The General and Advanced class allocation is from 3525 to 3600 kHz.
>
>
> 3073 is probably a military frequency with some MARS (Military Auxiliary
> Radio System) activity.
>
>

>
> Good luck with V4Chat. It is a fun mode.
>

> Stan Kozlowitz
> aa5xo@...
> aa5xo@...
> NNN0YSD@...
>
>
>
>
> _____
> From: John Elliott <jaellio@gmail.com>
> To: V4Protocol@yahoogroups.com
> Sent: Tuesday, November 1, 2011 10:28 PM
> Subject: [V4Protocol] Active frequencies
>
>
>
>
> RegardsCan I confirm that the accepted frequencies for operation are
> 3073 14073 21073 28073 ??.
> Anybody monitoring any of those frequencies on a regular basis ??.
> Would like to have a go a long haul HF.
>
> John Elliott
> VK3CVF
>
>

--
Using Opera's revolutionary email client: http://www.opera.com/mail/

Yahoo! Groups Links

http://docs.yahoo.com/info/terms/

2519. ARQ & FEC

Yahoo group: V4Protocol
Date: 2011-11-03 23:11:55 UTC
From: Paul Whitaker
Topic: 2519 Message: 2519

Hi all,
I am observing an interesting situation - I leave my system running on
14073 overnight ARQ, and it usually shows a number of CQ's or actual connects.
The CQ's are ALWAYS well formed - no errors etc.
But when a connect between two other stations happens, there is usually a
LOT of crossed out red text, with some decoded correctly.
I would think that the CQ is a FEC mode - and when connected, it is ARQ
'Chat' with error correction. My station is not synchronized
in that case, so I thought it would only be as good as FEC - but FEC is far
better.
Further, I have tried on a number of occasions to conduct a FEC 'Net', but
very poor results. (usually on noisy 80 mtr)

Just observing. I would have thought the monitoring would have been as good
as the FEC CQ call !

Anyone notice this ?

Paul Whitaker.
VK3DPW

2520. Re: [V4Protocol] ARQ & FEC

Yahoo group: V4Protocol
Date: 2011-11-04 00:20:59 UTC
From: Jack Swift
Topic: 2519 Message: 2520

my 'off the cuff' opinion is that in FEC you get good packets , bad packets, and half-whatever packets....
that's why you get the 'red stuff'. AND when you're monitoring someone else, you are, in effect, using/viewing FEC because you are not a 'connected' part of the conversation.

BUT when you are one of the 2 (no more, no less) connected stations in ARQ, mode there is no such thing as a bad packet -- your partner will keep resending the offending packet until you acknowledge it as being 'perfect' - and you will do the same for him..

that wonderful feature of ARQ is why someone monitoring might see duplicate sentence fragments.

On Thu, Nov 3, 2011 at 7:11 PM, Paul Whitaker <dromana@...> wrote:
>
>
>
> Hi all,
> I am observing an interesting situation - I leave my system running on
> 14073 overnight ARQ, and it usually shows a number of CQ's or actual connects.
> The CQ's are ALWAYS well formed - no errors etc.
> But when a connect between two other stations happens, there is usually a
> LOT of crossed out red text, with some decoded correctly.
> I would think that the CQ is a FEC mode - and when connected, it is ARQ
> 'Chat' with error correction. My station is not synchronized
> in that case, so I thought it would only be as good as FEC - but FEC is far
> better.
> Further, I have tried on a number of occasions to conduct a FEC 'Net', but
> very poor results. (usually on noisy 80 mtr)
>
> Just observing. I would have thought the monitoring would have been as good
> as the FEC CQ call !
>
> Anyone notice this ?
>
> Paul Whitaker.
> VK3DPW
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>

>
>

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-281-5300
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

2521. Re: [V4Protocol] ARQ & FEC

Yahoo group: V4Protocol
Date: 2011-11-04 01:28:34 UTC
From: Ian Branch
Topic: 2519 Message: 2521

>> Anyone notice this ?

Yes. I thought it was just me.

Ian.
VK3YEA

2522. Re: [V4Protocol] ARQ & FEC

Yahoo group: V4Protocol
Date: 2011-11-04 01:26:18 UTC
From: John Elliott
Topic: 2519 Message: 2522

I'm currentlyn listening on 14073mhz if anybody is around (01:25gmt)

Regards
John Elliott

2523. Re: [V4Protocol] ARQ & FEC

Yahoo group: V4Protocol
Date: 2011-11-04 04:18:24 UTC
From: Paul Whitaker
Topic: 2519 Message: 2523

Hi Jack,
Yes, I understand that.
Its just that I would expect to see repeats, as you mention, but apart from the CQ call or Connect, its mostly red.
And yes, I agree about mistakes without the ability to ask for repeat - but it would seem that there is something more
stable about the FEC CQ or Connect, to my system, compared to the ARQ Chat, or even the FEC Nets we have tried to run.

Just an observation - donent make sense !

The Auto update is working perfectly, and we have had quite a few ARQ chats with great success.
Thanks for the work Rick - My Hat off to you and others that can work magic with the keyboard !

'73
Paul Whitaker.
VK3DPW

From: "Jack Swift" <n8wavjack@...>
At 11:20 AM 04/11/2011, you wrote:
>
>
>my 'off the cuff' opinion is that in FEC you get good packets , bad
>packets, and half-whatever packets....
>that's why you get the 'red stuff'. AND when you're monitoring someone
>else, you are, in effect, using/viewing FEC because you are not a
>'connected' part of the conversation.
>
>BUT when you are one of the 2 (no more, no less) connected stations in
>ARQ, mode there is no such thing as a bad packet -- your partner will
>keep resending the offending packet until you acknowledge it as being
>'perfect' - and you will do the same for him..
>
>that wonderful feature of ARQ is why someone monitoring might see
>duplicate sentence fragments.

2524. TS-590S Resources Page -- New "TOOLS" Section

Yahoo group: V4Protocol
Date: 2011-11-04 09:32:05 UTC
From: Ian Wade G3NRW
Topic: 2524 Message: 2524

I have just updated the TS-590S Resources Page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

There is a new "TOOLS" section. It contains links to various utilities
and procedures that I have found very useful in setting up the PC for
serial I/O, and monitoring/debugging CAT command traffic.

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

2525. Re: [V4Protocol] ARQ & FEC

Yahoo group: V4Protocol
Date: 2011-11-04 20:02:37 UTC
From: John Hirth
Topic: 2519 Message: 2525

I've noticed marginal copy at times too, when monitoring other ARQ QSOs.

One thing I've noticed is that V4Chat often starts to decode the frames that are ACKs or NAKs (the short frames) but doesn't seem to get back into the "ready" mode in time to catch the leader of the other station's data frame. So some of the data frames are lost, even if the station sounds "good". Now my computer is just a rather old 1.4GHz Pentium M with 2GB or memory, so I'm sure that it's now slower than most and probably explains what I'm seeing.

I'm not sure if this goes to the heart of your comment, but I just thought I'd drop it in as food for thought.

73, John W2KI

On 11/3/2011 7:11 PM, Paul Whitaker wrote:

Hi all,
I am observing an interesting situation - I leave my system running on
14073 overnight ARQ, and it usually shows a number of CQ's or actual connects.
The CQ's are ALWAYS well formed - no errors etc.
But when a connect between two other stations happens, there is usually a
LOT of crossed out red text, with some decoded correctly.
I would think that the CQ is a FEC mode - and when connected, it is ARQ
'Chat' with error correction. My station is not synchronized
in that case, so I thought it would only be as good as FEC - but FEC is far
better.
Further, I have tried on a number of occasions to conduct a FEC 'Net', but
very poor results. (usually on noisy 80 mtr)

Just observing. I would have thought the monitoring would have been as good
as the FEC CQ call !

Anyone notice this ?

Paul Whitaker.
VK3DPW

2526. Re: [V4Protocol] ARQ & FEC

Yahoo group: V4Protocol
Date: 2011-11-04 20:23:33 UTC
From: Rick Muething
Topic: 2519 Message: 2526

John,

There is a mechanism that has been in V4Chat and V4 TNC since the beginning called the debug log. If you enable it very accurate time tags (to 10 ms) are logged at key points in the V4 TNC program. This all was and is there to aid in debugging and optimization and has been invaluable in tracking down real problems and also in finding “setup” or “cockpit” problems in the protocol.

I seriously doubt there is any timing problem with a 1.4 GHz computer and 2 G of memory...V4 is successfully running on much slower machines than that and there is considerable decoding margin built into the timing. But in any case the REAL mechanism for locating if it is a problem and where it might be always comes down to the following:
1) Enable the debug log
2) Describe as best as possible the problem observed and the exact time (UTC as close as possible) it was observed.
3) Include the log as an attachment to and send to me...in some cases both ends of the session may be required which is a bit more difficult but possible.

This is practically the ONLY way improvement can be made and has resulted in continual and dramatic improvements in the V4 Protocol and V4 Chat over the past 11 months or so. Debugging or optimizing the performance of a protocol is not some thing than can be done by guess work or casual observations.

73,

Rick KN6KB

From: John Hirth
Sent: Friday, November 04, 2011 4:02 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] ARQ & FEC

I've noticed marginal copy at times too, when monitoring other ARQ QSOs.

One thing I've noticed is that V4Chat often starts to decode the frames that are ACKs or NAKs (the short frames) but doesn't seem to get back into the "ready" mode in time to catch the leader of the other station's data frame. So some of the data frames are lost, even if the station sounds "good". Now my computer is just a rather old 1.4GHz Pentium M with 2GB or memory, so I'm sure that it's now slower than most and probably explains what I'm seeing.

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in that case, so I thought it would only be as good as FEC - but FEC is far
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very poor results. (usually on noisy 80 mtr)

Just observing. I would have thought the monitoring would have been as good
as the FEC CQ call !

Anyone notice this ?

Paul Whitaker.
VK3DPW

2527. Re: [V4Protocol] ARQ & FEC

Yahoo group: V4Protocol
Date: 2011-11-04 20:52:50 UTC
From: John Hirth
Topic: 2519 Message: 2527

Hi Rick,

Thanks for the reminder of how to send you information of use to you in debugging a "situation". I've used it to send several sets of logs to you as I've encountered past problems. Monitoring established ARQ QSOs, while interesting and I do use it, is not of high value in my type of operating. I've never thought this was anywhere near enough of an issue to warrant reporting, as V4Chat works very well for me in ARQ QSOs.

Thanks again for all your work!
73, John W2KI

On 11/4/2011 4:23 PM, Rick Muething wrote:

John,

There is a mechanism that has been in V4Chat and V4 TNC since the beginning called the debug log. If you enable it very accurate time tags (to 10 ms) are logged at key points in the V4 TNC program. This all was and is there to aid in debugging and optimization and has been invaluable in tracking down real problems and also in finding “setup” or “cockpit” problems in the protocol.

I seriously doubt there is any timing problem with a 1.4 GHz computer and 2 G of memory...V4 is successfully running on much slower machines than that and there is considerable decoding margin built into the timing. But in any case the REAL mechanism for locating if it is a problem and where it might be always comes down to the following:

1) Enable the debug log

2) Describe as best as possible the problem observed and the exact time (UTC as close as possible) it was observed.

3) Include the log as an attachment to and send to me...in some cases both ends of the session may be required which is a bit more difficult but possible.

This is practically the ONLY way improvement can be made and has resulted in continual and dramatic improvements in the V4 Protocol and V4 Chat over the past 11 months or so. Debugging or optimizing the performance of a protocol is not some thing than can be done by guess work or casual observations.

73,

Rick KN6KB

2528. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-11-12 19:16:58 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2528

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 1.0.0.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 1.0.0.0 Full Install with V4 TNC and revision histories

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%201.0.0.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2529. Release of V4Chat and V4 TNC 1.0.0.0

Yahoo group: V4Protocol
Date: 2011-11-12 19:25:12 UTC
From: kn6kb
Topic: 2529 Message: 2529

All,

I have uploaded to the Yahoo FTP server and to the auto update server the latest release of V4Chat and the V4 TNC. These are basically minor updates but do improve the reliability with improved timing margins.

Special thanks to WB2LOU and K1DOW for their testing of these updates and providing important feedback.

This basically ends the year long Beta test effort although certainly bugs will still be found and upgrades generated. Thanks to all those that contributed to the V4 beta test effort over the last 12 months.

I am still working on some issues with readback of the frequency data on Yaesu radios.

I am looking into some additional logging mechanisms to log range and bearing information or gridsquare. What this might lead to is a near future contest weekend where we try and see how many V4 stations can be worked. Those that might have any ideas about this or suggestions please contact me.

73,

Rick Muething, KN6KB

2530. Re: [V4Protocol] Release of V4Chat and V4 TNC 1.0.0.0

Yahoo group: V4Protocol
Date: 2011-11-12 20:56:00 UTC
From: Michael - VA3LKI
Topic: 2529 Message: 2530

Rick

Many thanks for the work and in particular the update 'option' message along with the restart message.

Would be great to see those available for RMS programs as well.

73
Michael

2531. Re: [V4Protocol] Release of V4Chat and V4 TNC 1.0.0.0

Yahoo group: V4Protocol
Date: 2011-11-12 21:08:02 UTC
From: Rick Muething
Topic: 2529 Message: 2531

Michael,
Thanks. That is the plan for the new update and they should find their way into the other programs as updates are made.

Rick

From: Michael - VA3LKI
Sent: Saturday, November 12, 2011 3:56 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Release of V4Chat and V4 TNC 1.0.0.0

Rick

Many thanks for the work and in particular the update 'option' message along with the restart message.

Would be great to see those available for RMS programs as well.

73
Michael

2532. Re: Release of V4Chat and V4 TNC 1.0.0.0

Yahoo group: V4Protocol
Date: 2011-11-12 22:46:37 UTC
From: kj5xftl
Topic: 2529 Message: 2532

Rick,
Just wanted to say: THANK YOU very much for your effort.
Today is the first day I have ever used V4chat and I am impressed. I actually had 3 QSO's with hams located in NY, IL. and GA. Then by
the 4th time I was getting ready to use V4 chat I noticed the update.
Version 1.0.0.0 is working fine at my end!

73,
Tony Lyon (KJ5XF)

2533. Auto CQ

Yahoo group: V4Protocol
Date: 2011-11-13 03:38:35 UTC
From: Mushtaq Ahmed
Topic: 2529 Message: 2533

Rick, I have been using the V4Chat over a year, and one thing I miss a lot, can you add a auto CQ into V4Chat, please think about if it possiable?73 de Mushtaq / LA3RIA

2534. AW: [V4Protocol] Release of V4Chat and V4 TNC 1.0.0.0

Yahoo group: V4Protocol
Date: 2011-11-13 11:53:06 UTC
From: Siegfried Jackstien
Topic: 2529 Message: 2534

I can only set qrg from the minilog ... but read back does not work
Turning the vfo dial does not get back to the software
Only setting qrg by log or by clicking on waterfall is properly noticed
Rig is icom 765
Cat cable is usb to icom plug and play and does work with all other soft (so
no hardware fault possible)
Greetz
Dg9bfc
Sigi
Ps update to 1.0.0.0 worked fine :-)

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von kn6kb
> Gesendet: Samstag, 12. November 2011 19:25
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Release of V4Chat and V4 TNC 1.0.0.0
>
>
>
> All,
>
> I have uploaded to the Yahoo FTP server and to the auto update server the
> latest release of V4Chat and the V4 TNC. These are basically minor updates
> but do improve the reliability with improved timing margins.
>
> Special thanks to WB2LOU and K1DOW for their testing of these updates and
> providing important feedback.
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> will still be found and upgrades generated. Thanks to all those that
> contributed to the V4 beta test effort over the last 12 months.
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> I am still working on some issues with readback of the frequency data on
> Yaesu radios.
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> I am looking into some additional logging mechanisms to log range and
> bearing information or gridsquare. What this might lead to is a near
> future contest weekend where we try and see how many V4 stations can be
> worked. Those that might have any ideas about this or suggestions please
> contact me.
>
> 73,
>
> Rick Muething, KN6KB

>
>
>
>

2535. Re: AW: [V4Protocol] Release of V4Chat and V4 TNC 1.0.0.0

Yahoo group: V4Protocol
Date: 2011-11-13 13:05:32 UTC
From: Rick Muething
Topic: 2529 Message: 2535

Sigi,

Send me the V4Chat.log as an attachment....It should have info in there re readback of the frequency. I don't have a 765 to test with but will download the manual to see what may be different from that radio vs. other Icoms.

Rick KN6KB

From: Siegfried Jackstien
Sent: Sunday, November 13, 2011 6:53 AM
To: V4Protocol@yahoogroups.com
Subject: AW: [V4Protocol] Release of V4Chat and V4 TNC 1.0.0.0

I can only set qrg from the minilog ... but read back does not work
Turning the vfo dial does not get back to the software
Only setting qrg by log or by clicking on waterfall is properly noticed
Rig is icom 765
Cat cable is usb to icom plug and play and does work with all other soft (so
no hardware fault possible)
Greetz
Dg9bfc
Sigi
Ps update to 1.0.0.0 worked fine :-)

> -----Ursprüngliche Nachricht-----
> Von: mailto:V4Protocol%40yahoogroups.com [mailto:mailto:V4Protocol%40yahoogroups.com] Im
> Auftrag von kn6kb
> Gesendet: Samstag, 12. November 2011 19:25
> An: mailto:V4Protocol%40yahoogroups.com
> Betreff: [V4Protocol] Release of V4Chat and V4 TNC 1.0.0.0
>
>
>
> All,
>
> I have uploaded to the Yahoo FTP server and to the auto update server the
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> contact me.
>
> 73,
>
> Rick Muething, KN6KB
>
>
>
>

2536. Re: [V4Protocol] Auto CQ

Yahoo group: V4Protocol
Date: 2011-11-13 13:15:41 UTC
From: Rick Muething
Topic: 2529 Message: 2536

Mushtaq,

I am not sure what an “auto CQ” is. There is already a CQ calling mechanism built in and used for ARQ. (Click ARQ Call, CQ) This sends a specailly formatted frame that ID’s the sender and tells everyone he is calling CQ. Stations can then answer him in ARQ by (Click ARQ Call, Entering the target call sign and then Clicking Call Callsign). All this explained in the help file.

The ARQ connection is initiated by very specificly formatted frame containing the Sender’s and target call sign.

For FEC operation the easiest thing is to edit up a formatted file saying what you wish and saving it as a users file. It could be a general CQ, DX CQ, contest CQ or whatever you wish. Read in the help about how to generate and use User files.

Rick KN6KB

From: Mushtaq Ahmed
Sent: Saturday, November 12, 2011 10:38 PM
To: v4protocol@yahoogroups.com
Subject: [V4Protocol] Auto CQ

Rick, I have been using the V4Chat over a year, and one thing I miss a lot, can you add a auto CQ into V4Chat, please think about if it possiable?
73 de Mushtaq / LA3RIA

2537. Re: [V4Protocol] Auto CQ

Yahoo group: V4Protocol
Date: 2011-11-13 14:05:39 UTC
From: Joel Black
Topic: 2529 Message: 2537

Rick,

I think he is talking about putting in a countdown timer. Configure the timer, hit the CQ button, and let it do its thing. If you make the timer for 30 seconds, 30 seconds after the last CQ, V4 calls CQ again.

FLDigi has a macro that will allow you to do it. My problem is I forget I did it and walk out of the shack. :)

73,
Joel - W4JBB

On 11/13/2011 7:15 AM, Rick Muething wrote:
>
>
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> saying what you wish and saving it as a users file. It could be a
> general CQ, DX CQ, contest CQ or whatever you wish. Read in the help
> about how to generate and use User files.
> Rick KN6KB
> *From:* Mushtaq Ahmed <mailto:la3ria@...>
> *Sent:* Saturday, November 12, 2011 10:38 PM
> *To:* v4protocol@yahoogroups.com <mailto:v4protocol@yahoogroups.com>
> *Subject:* [V4Protocol] Auto CQ
>
> Rick, I have been using the V4Chat over a year, and one thing I miss a
> lot, can you add a auto CQ into V4Chat, please think about if it
> possiable?
> 73 de Mushtaq / LA3RIA

2538. Re: [V4Protocol] Auto CQ

Yahoo group: V4Protocol
Date: 2011-11-13 14:44:32 UTC
From: Rick Muething
Topic: 2529 Message: 2538

Thanks Joel,
That makes some sense but I am always reluctant to put any automatic/unattended mechanism into what is supposed to be a “keyboard” program. There have already been requests for things like the ability to “leave messages” etc. but there are already good programs and protocols around that will handle unattended ARQ operation and messages (e.g. RMS Express with WINMOR, BPQ32 etc.). It is too easy to create automatic QRM generators! If someone can explain the value in such an Auto CQ and a reliable method for protecting against unattended QRM I will of course consider putting it in.

Rick KN6KB

From: Joel Black
Sent: Sunday, November 13, 2011 9:05 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Auto CQ

Rick,

I think he is talking about putting in a countdown timer. Configure the timer, hit the CQ button, and let it do its thing. If you make the timer for 30 seconds, 30 seconds after the last CQ, V4 calls CQ again.

FLDigi has a macro that will allow you to do it. My problem is I forget I did it and walk out of the shack. :)

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Rick KN6KB

From: Mushtaq Ahmed
Sent: Saturday, November 12, 2011 10:38 PM
To: v4protocol@yahoogroups.com
Subject: [V4Protocol] Auto CQ

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73 de Mushtaq / LA3RIA

2539. Re: [V4Protocol] Auto CQ

Yahoo group: V4Protocol
Date: 2011-11-13 14:45:59 UTC
From: Fred G -w1wyc
Topic: 2529 Message: 2539

Hi Rick,

MixW has an auto CQ also. You can use the default text as below or create your own.
You can also set the delay between CQ's or use the default of 10 seconds.

Personally I don't use it but nice feature. I'd be with Joel, W4JBB. Good thing I shut the rig down at nite. Hi Hi.

Fred, W1WYC

<TX>
CQ CQ CQ de <MYCALL> <MYCALL> <MYCALL>
CQ CQ CQ de <MYCALL> <MYCALL> <MYCALL>
pse K
<RXANDCLEAR>

----- Original Message -----
From: Joel Black
To: V4Protocol@yahoogroups.com
Sent: Sunday, November 13, 2011 9:05 AM
Subject: Re: [V4Protocol] Auto CQ

Rick,

I think he is talking about putting in a countdown timer. Configure the timer, hit the CQ button, and let it do its thing. If you make the timer for 30 seconds, 30 seconds after the last CQ, V4 calls CQ again.

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Subject: [V4Protocol] Auto CQ

Rick, I have been using the V4Chat over a year, and one thing I miss a lot, can you add a auto CQ into V4Chat, please think about if it possiable?
73 de Mushtaq / LA3RIA

2540. Re: [V4Protocol] Auto CQ

Yahoo group: V4Protocol
Date: 2011-11-13 14:56:09 UTC
From: Rick Westerfield
Topic: 2529 Message: 2540

HRD also has a similar feature and yea, it can be a mindless QRM creating tool sometimes. But many good things in life are a double-edged sword. It all depends on how they are used.

Another Rick - KH2DF

Sent from my iPhone

On Nov 13, 2011, at 8:45 AM, "Fred G -w1wyc" <f_garside@...> wrote:

> □
>
> Hi Rick,
>
> MixW has an auto CQ also. You can use the default text as below or create your own.
> You can also set the delay between CQ's or use the default of 10 seconds.
>
> Personally I don't use it but nice feature. I'd be with Joel, W4JBB. Good thing I shut the
> rig down at nite. Hi Hi.
>
> Fred, W1WYC
>
>
> <TX>
> CQ CQ CQ de <MYCALL> <MYCALL> <MYCALL>
> CQ CQ CQ de <MYCALL> <MYCALL> <MYCALL>
> pse K
> <RXANDCLEAR>
>
>
>
> ----- Original Message -----
> From: Joel Black
> To: V4Protocol@yahoogroups.com
> Sent: Sunday, November 13, 2011 9:05 AM
> Subject: Re: [V4Protocol] Auto CQ
>
>
>
> Rick,
>
> I think he is talking about putting in a countdown timer. Configure the timer, hit the CQ button, and let it do its thing. If you make the timer for 30 seconds, 30 seconds after the last CQ, V4 calls CQ again.
>
> FLDigi has a macro that will allow you to do it. My problem is I forget I did it and walk out of the shack. :)
>
> 73,

> Joel - W4JBB
>
> On 11/13/2011 7:15 AM, Rick Muething wrote:
>
>> Mushtaq,
>>
>> I am not sure what an “auto CQ” is. There is already a CQ calling mechanism built in and used for ARQ. (Click ARQ Call, CQ) This sends a specailly formatted frame that ID’s the sender and tells everyone he is calling CQ. Stations can then answer him in ARQ by (Click ARQ Call, Entering the target call sign and then Clicking Call Callsign). All this explained in the help file.
>>
>> The ARQ connection is initiated by very specificly formatted frame containing the Sender’s and target call sign.
>>
>> For FEC operation the easiest thing is to edit up a formatted file saying what you wish and saving it as a users file. It could be a general CQ, DX CQ, contest CQ or whatever you wish. Read in the help about how to generate and use User files.
>>
>> Rick KN6KB
>>
>>
>> From: Mushtaq Ahmed
>> Sent: Saturday, November 12, 2011 10:38 PM
>> To: v4protocol@yahoogroups.com
>> Subject: [V4Protocol] Auto CQ
>>
>>
>> Rick, I have been using the V4Chat over a year, and one thing I miss a lot, can you add a auto CQ into V4Chat, please think about if it possiable?
>> 73 de Mushtaq / LA3RIA
>
>

2541. Re: [V4Protocol] Auto CQ

Yahoo group: V4Protocol
Date: 2011-11-13 15:54:29 UTC
From: Ed Woods WD9DVA
Topic: 2529 Message: 2541

Are you folks talking abt a beacon type CQ? Thats nuts. Forget it. It means a station is not maned or the sysop is off in the qth doing something else. There is already a manned CQ. Use it and be happy. 73 Ed WD9DVA
----- Original Message -----
From: Rick Westerfield
To: V4Protocol@yahoogroups.com
Sent: Sunday, November 13, 2011 14:56
Subject: Re: [V4Protocol] Auto CQ

HRD also has a similar feature and yea, it can be a mindless QRM creating tool sometimes. But many good things in life are a double-edged sword. It all depends on how they are used.

Another Rick - KH2DF

Sent from my iPhone

On Nov 13, 2011, at 8:45 AM, "Fred G -w1wyc" <f_garside@...> wrote:

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You can also set the delay between CQ's or use the default of 10 seconds.

Personally I don't use it but nice feature. I'd be with Joel, W4JBB. Good thing I shut the rig down at nite. Hi Hi.

Fred, W1WYC

<TX>
CQ CQ CQ de <MYCALL> <MYCALL> <MYCALL>
CQ CQ CQ de <MYCALL> <MYCALL> <MYCALL>
pse K
<RXANDCLEAR>

----- Original Message -----
From: Joel Black
To: V4Protocol@yahoogroups.com
Sent: Sunday, November 13, 2011 9:05 AM
Subject: Re: [V4Protocol] Auto CQ

Rick,

I think he is talking about putting in a countdown timer. Configure the timer, hit the CQ button, and let it do its thing. If you make the timer for 30 seconds, 30 seconds after the last CQ, V4 calls CQ again.

FLDigi has a macro that will allow you to do it. My problem is I forget I did it and walk out of the shack. :)

73,
Joel - W4JBB

On 11/13/2011 7:15 AM, Rick Muething wrote:

Mushtaq,

I am not sure what an “auto CQ” is. There is already a CQ calling mechanism built in and used for ARQ. (Click ARQ Call, CQ) This sends a specailly formatted frame that ID’s the sender and tells everyone he is calling CQ. Stations can then answer him in ARQ by (Click ARQ Call, Entering the target call sign and then Clicking Call Callsign). All this explained in the help file.

The ARQ connection is initiated by very specificly formatted frame containing the Sender’s and target call sign.

For FEC operation the easiest thing is to edit up a formatted file saying what you wish and saving it as a users file. It could be a general CQ, DX CQ, contest CQ or whatever you wish. Read in the help about how to generate and use User files.

Rick KN6KB

From: Mushtaq Ahmed
Sent: Saturday, November 12, 2011 10:38 PM
To: v4protocol@yahoogroups.com
Subject: [V4Protocol] Auto CQ

Rick, I have been using the V4Chat over a year, and one thing I miss a lot, can you add a auto CQ into V4Chat, please think about if it possiable?
73 de Mushtaq / LA3RIA

2542. Re: Release of V4Chat and V4 TNC 1.0.0.0

Yahoo group: V4Protocol
Date: 2011-11-13 16:43:24 UTC
From: Peter Zingsheim
Topic: 2529 Message: 2542

Mni tnx, Rick, for such a lot of good work! Autoupdate ok. 73 Peter

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>
> I have uploaded to the Yahoo FTP server and to the auto update server the latest release of V4Chat and the V4 TNC. These are basically minor updates but do improve the reliability with improved timing margins.
>
> Special thanks to WB2LOU and K1DOW for their testing of these updates and providing important feedback.
>
> This basically ends the year long Beta test effort although certainly bugs will still be found and upgrades generated. Thanks to all those that contributed to the V4 beta test effort over the last 12 months.
>
> I am still working on some issues with readback of the frequency data on Yaesu radios.
>
> I am looking into some additional logging mechanisms to log range and bearing information or gridsquare. What this might lead to is a near future contest weekend where we try and see how many V4 stations can be worked. Those that might have any ideas about this or suggestions please contact me.
>
> 73,
>
> Rick Muething, KN6KB
>

2543. Re: [V4Protocol] Auto CQ

Yahoo group: V4Protocol
Date: 2011-11-13 16:43:29 UTC
From: Rick Johnson
Topic: 2529 Message: 2543

Rick from Rick,

And another thing ... MixW has, when a station responds to the CQ the CQing station stops calling and alarms. I suggested that for DM780 but it never got implemented. Would be nice for all the multi mode programs.

73,
Rick W3BI

On Sun, Nov 13, 2011 at 9:05 AM, Joel Black <w4jbb@charter.net> wrote:

> **
>
>
> Rick,
>
> I think he is talking about putting in a countdown timer. Configure the
> timer, hit the CQ button, and let it do its thing. If you make the timer
> for 30 seconds, 30 seconds after the last CQ, V4 calls CQ again.
>
> FLDigi has a macro that will allow you to do it. My problem is I forget I
> did it and walk out of the shack. :)
>
> 73,
> Joel - W4JBB
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> On 11/13/2011 7:15 AM, Rick Muething wrote:
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> Mushtaq,
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> mechanism built in and used for ARQ. (Click ARQ Call, CQ) This sends a
> specailly formatted frame that ID’s the sender and tells everyone he is
> calling CQ. Stations can then answer him in ARQ by (Click ARQ Call,
> Entering the target call sign and then Clicking Call Callsign). All this
> explained in the help file.
>
> The ARQ connection is initiated by very specificly formatted frame
> containing the Sender’s and target call sign.
>
> For FEC operation the easiest thing is to edit up a formatted file saying
> what you wish and saving it as a users file. It could be a general CQ, DX
> CQ, contest CQ or whatever you wish. Read in the help about how to generate
> and use User files.
>
> Rick KN6KB

>
>
> *From:* Mushtaq Ahmed <la3ria@...>
> *Sent:* Saturday, November 12, 2011 10:38 PM
> *To:* v4protocol@yahoogroups.com
> *Subject:* [V4Protocol] Auto CQ
>
>
>
> Rick, I have been using the V4Chat over a year, and one thing I miss a
> lot, can you add a auto CQ into V4Chat, please think about if it possiable?
> 73 de Mushtaq / LA3RIA
>
>
>

--
73,
Rick W3BI

2544. Re: [V4Protocol] Auto CQ

Yahoo group: V4Protocol
Date: 2011-11-13 16:45:16 UTC
From: Rick Johnson
Topic: 2529 Message: 2544

Ooops.. responded to the other missive before reading this.
I shall return to me hole.

73,
Rick W3BI

On Sun, Nov 13, 2011 at 9:44 AM, Rick Muething <rmuething@...> wrote:

> **
>
>
> Thanks Joel,
> That makes some sense but I am always reluctant to put any
> automatic/unattended mechanism into what is supposed to be a “keyboard”
> program. There have already been requests for things like the ability to
> “leave messages” etc. but there are already good programs and protocols
> around that will handle unattended ARQ operation and messages (e.g. RMS
> Express with WINMOR, BPQ32 etc.). It is too easy to create automatic QRM
> generators! If someone can explain the value in such an Auto CQ and a
> reliable method for protecting against unattended QRM I will of course
> consider putting it in.
>
> Rick KN6KB
>
> ⋆From:⋆ Joel Black <w4jbb@...>
> ⋆Sent:⋆ Sunday, November 13, 2011 9:05 AM
> ⋆To:⋆ V4Protocol@yahoogroups.com
> ⋆Subject:⋆ Re: [V4Protocol] Auto CQ
>
>
>
> Rick,
>
> I think he is talking about putting in a countdown timer. Configure the
> timer, hit the CQ button, and let it do its thing. If you make the timer
> for 30 seconds, 30 seconds after the last CQ, V4 calls CQ again.
>
> FLDigi has a macro that will allow you to do it. My problem is I forget I
> did it and walk out of the shack. :)
>
> 73,
> Joel - W4JBB
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> Mushtaq,

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> I am not sure what an “auto CQ” is. There is already a CQ calling
> mechanism built in and used for ARQ. (Click ARQ Call, CQ) This sends a
> specailly formatted frame that ID’s the sender and tells everyone he is
> calling CQ. Stations can then answer him in ARQ by (Click ARQ Call,
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> what you wish and saving it as a users file. It could be a general CQ, DX
> CQ, contest CQ or whatever you wish. Read in the help about how to generate
> and use User files.
>
> Rick KN6KB
>
>
> *From:* Mushtaq Ahmed <la3ria@...>
> *Sent:* Saturday, November 12, 2011 10:38 PM
> *To:* v4protocol@yahoogroups.com
> *Subject:* [V4Protocol] Auto CQ
>
>
> Rick, I have been using the V4Chat over a year, and one thing I miss a
> lot, can you add a auto CQ into V4Chat, please think about if it possiable?
> 73 de Mushtaq / LA3RIA
>
>
>

--
73,
Rick W3BI

2545. Re: Auto CQ

Yahoo group: V4Protocol
Date: 2011-11-13 18:48:15 UTC
From: la7um
Topic: 2529 Message: 2545

Rick. I'm also reluctant to recommend auto qrm. But maybe put in ONE "repeat" button executing the last unanswered choice of ARQ Call. Either were it CQ or Target Callsign?

By the way, Autoupdate worked well.

73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Thanks Joel,
> That makes some sense but I am always reluctant to put any automatic/unattended mechanism into what is supposed to be a â□□keyboardâ□□ program. There have already been requests for things like the ability to â□□leave messagesâ□□ etc. but there are already good programs and protocols around that will handle unattended ARQ operation and messages (e.g. RMS Express with WINMOR, BPQ32 etc.). It is too easy to create automatic QRM generators! If someone can explain the value in such an Auto CQ and a reliable method for protecting against unattended QRM I will of course consider putting it in.
>
> Rick KN6KB
>
> From: Joel Black
> Sent: Sunday, November 13, 2011 9:05 AM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Auto CQ
>
>
> Rick,
>
> I think he is talking about putting in a countdown timer. Configure the timer, hit the CQ button, and let it do its thing. If you make the timer for 30 seconds, 30 seconds after the last CQ, V4 calls CQ again.
>
> FLDigi has a macro that will allow you to do it. My problem is I forget I did it and walk out of the shack. :)
>
> 73,
> Joel - W4JBB
>
> On 11/13/2011 7:15 AM, Rick Muething wrote:
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> Mushtaq,
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> I am not sure what an â□□auto CQâ□□ is. There is already a CQ calling mechanism built in and used for ARQ. (Click ARQ Call, CQ) This sends a specailly formatted frame that IDâ□□s the sender and tells everyone he is calling CQ. Stations can then answer him in ARQ by (Click ARQ Call, Entering the target call sign and then Clicking Call Callsign). All this explained in the help file.
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> The ARQ connection is initiated by very specificly formatted frame containing the Senderâ□□s and target call sign.

>
> For FEC operation the easiest thing is to edit up a formatted file saying what you wish and saving it as a users file. It could be a general CQ, DX CQ, contest CQ or whatever you wish. Read in the help about how to generate and use User files.
>
> Rick KN6KB
>
>
> From: Mushtaq Ahmed
> Sent: Saturday, November 12, 2011 10:38 PM
> To: v4protocol@yahoogroups.com
> Subject: [V4Protocol] Auto CQ
>
>
> Rick, I have been using the V4Chat over a year, and one thing I miss a lot, can you add a auto CQ into V4Chat, please think about if it possiable?
> 73 de Mushtaq / LA3RIA
>

2546. Re: Auto CQ

Yahoo group: V4Protocol
Date: 2011-11-13 19:10:32 UTC
From: rapidan2011
Topic: 2529 Message: 2546

This makes no sense. There is no proven benefit. What good will it do.

Adding these little quirky Apps only builds more overhead and could possibly inhibit V4 performance.

We have enough QRM generators in the human form, why more?

Ted, WB2LOU

--- In V4Protocol@yahoogroups.com, Mushtaq Ahmed <la3ria@...> wrote:
>
>
> Rick, I have been using the V4Chat over a year, and one thing I miss a lot, can you add a auto CQ into V4Chat, please think about if it possiable?73 de Mushtaq / LA3RIA
>

2547. Re: Release of V4Chat and V4 TNC 1.0.0.0

Yahoo group: V4Protocol
Date: 2011-11-13 19:36:21 UTC
From: ham
Topic: 2529 Message: 2547

The issue with the ICOM 735 changing filter options is still there.

I suppose this bug is still on the low priority list?

Upgrade went perfectly.

73, Bernie

> >
> > I am still working on some issues with readback of the frequency data on Yaesu radios.
> >

2548. How to clear a popup message.

Yahoo group: V4Protocol
Date: 2011-11-13 20:42:46 UTC
From: kirkharding@rocketmail.com
Topic: 2548 Message: 2548

I had to rebuild a computer and once I loaded V4 and re-placed my user information, everything worked great. The only thing is that each time I execute V4 I get this popup message that says. "An email will be cent to Register your call Registration in the V4 Registration data base." How do I get rid of this popup?

Thanks,

Kirk, K6KAR

2549. Re: [V4Protocol] Re: Auto CQ

Yahoo group: V4Protocol
Date: 2011-11-13 21:08:02 UTC
From: Rick Muething
Topic: 2529 Message: 2549

Finn,

You can already do a repeat with two clicks now (ARQ Call, CQ) or (ARQ Call, Call Callsign). Why add another seldom used button to crowd and confuse and save one click? That is just not good GUI design.

Rick

From: la7um
Sent: Sunday, November 13, 2011 1:48 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Auto CQ

Rick. I'm also reluctant to recommend auto qrm. But maybe put in ONE "repeat" button executing the last unanswered choice of ARQ Call. Either were it CQ or Target Callsign?

By the way, Autoupdate worked well.

73. Finn/LA7UM

--- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Thanks Joel,
> That makes some sense but I am always reluctant to put any automatic/unattended mechanism into what is supposed to be a â□□keyboardâ□□ program. There have already been requests for things like the ability to â□□leave messagesâ□□ etc. but there are already good programs and protocols around that will handle unattended ARQ operation and messages (e.g. RMS Express with WINMOR, BPQ32 etc.). It is too easy to create automatic QRM generators! If someone can explain the value in such an Auto CQ and a reliable method for protecting against unattended QRM I will of course consider putting it in.
>
> Rick KN6KB
>
> From: Joel Black
> Sent: Sunday, November 13, 2011 9:05 AM
> To: mailto:V4Protocol%40yahoogroups.com
> Subject: Re: [V4Protocol] Auto CQ
>
>
> Rick,
>
> I think he is talking about putting in a countdown timer. Configure the timer, hit the CQ button, and let it do its thing. If you make the timer for 30 seconds, 30 seconds after the last CQ, V4 calls CQ again.
>
> FLDigi has a macro that will allow you to do it. My problem is I forget I did it and walk out of the shack. :)
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> 73,

> Joel - W4JBB
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> On 11/13/2011 7:15 AM, Rick Muething wrote:
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> Mushtaq,
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>
> The ARQ connection is initiated by very specificly formatted frame containing the Senderâ□□s and target call sign.
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> For FEC operation the easiest thing is to edit up a formatted file saying what you wish and saving it as a users file. It could be a general CQ, DX CQ, contest CQ or whatever you wish. Read in the help about how to generate and use User files.
>
> Rick KN6KB
>
>
> From: Mushtaq Ahmed
> Sent: Saturday, November 12, 2011 10:38 PM
> To: mailto:v4protocol%40yahoogroups.com
> Subject: [V4Protocol] Auto CQ
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>
> Rick, I have been using the V4Chat over a year, and one thing I miss a lot, can you add a auto CQ into V4Chat, please think about if it possiable?
> 73 de Mushtaq / LA3RIA
>

2550. Re: [V4Protocol] Re: Release of V4Chat and V4 TNC 1.0.0.0

Yahoo group: V4Protocol
Date: 2011-11-13 21:21:12 UTC
From: Rick Muething
Topic: 2529 Message: 2550

Bernie,

Bug fixing priority is based on a number of things:
1) How serious is it?
2) How many users does it effect? (there aren't too many 735 users now days)
3) Do I have the resources to easily fix it...e.g. I don't have access to a 735 myself so fixes to that end up being totally trial and error often requiring many iterations of me making a change, trying to capture more info on the effect of the change, and having some one else run the test.
4) How much time I have to devote to the project and the type of bug fix. Right now I am pretty busy with several projects. Remember this is all volunteer work often 20 + hours a week or more.

I have the 735 bug and the readback from Yaesu radios on my list as well as a few others but I needed to get this release out since it affected almost every user since it had to do with some marginal timing situations. The net result is more reliable operation for most users.

73,

Rick KN6KB

From: ham
Sent: Sunday, November 13, 2011 2:36 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Release of V4Chat and V4 TNC 1.0.0.0

The issue with the ICOM 735 changing filter options is still there.

I suppose this bug is still on the low priority list?

Upgrade went perfectly.

73, Bernie

> >
> > I am still working on some issues with readback of the frequency data on Yaesu radios.
> >

2551. Re: [V4Protocol] How to clear a popup message.

Yahoo group: V4Protocol
Date: 2011-11-13 21:29:41 UTC
From: Rick Muething
Topic: 2548 Message: 2551

Kirk,

You probably don’t have a default email client installed or selected on the computer.

You can clear it with this:
1) Shut down V4Chat
2) Find the V4 TNC.ini file (not the V4Chat.ini file) it is in the V4Chat directory.
3) Open the file with any text editor program. Note pad, word pad etc.
4) If there is a line in the file that reads:
“Registration Email Sent=False”
change it to
“Registration Email Sent=True”
5) If there is no line referencing the above simply add the line:
“Registration Email Sent=True” (no quotes of course)
6) Save the ini file back.
7) If you have registered the program and have a registration key make sure you make a back up copy or write the key down. It is a time consuming process to recover it if you loose it.

Rick KN6KB

From: mailto:kirk.harding@...
Sent: Sunday, November 13, 2011 3:42 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] How to clear a popup message.

I had to rebuild a computer and once I loaded V4 and re-placed my user information, everything worked great. The only thing is that each time I execute V4 I get this popup message that says. "An email will be cent to Register your call Registration in the V4 Registration data base." How do I get rid of this popup?

Thanks,

Kirk, K6KAR

2552. Re: Release of V4Chat and V4 TNC 1.0.0.0

Yahoo group: V4Protocol
Date: 2011-11-13 22:38:29 UTC
From: ham
Topic: 2529 Message: 2552

Rick:

Not a problem. The ICOM fix is a "nice to have"

V4 Chat is fully functional as is.

Now we need some promotional work. Anyone willing to write an article for QST or CQ?

73, Bernie

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Bernie,
>
> Bug fixing priority is based on a number of things:
> 1) How serious is it?
> 2) How many users does it effect? (there arenâ☐☐t too many 735 users now days)
> 3) Do I have the resources to easily fix it...e.g. I donâ☐☐t have access to a 735 myself so fixes to that end up being totally trial and error often requiring many iterations of me making a change, trying to capture more info on the effect of the change, and having some one else run the test.
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>
> 73,
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> Rick KN6KB
>
>
> From: ham
> Sent: Sunday, November 13, 2011 2:36 PM
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> Subject: [V4Protocol] Re: Release of V4Chat and V4 TNC 1.0.0.0
>
>
>
>
>
> The issue with the ICOM 735 changing filter options is still there.
>
> I suppose this bug is still on the low priority list?
>
> Upgrade went perfectly.

>
> 73, Bernie
>
> > >
> > > I am still working on some issues with readback of the frequency data on Yaesu radios.
> > >
>

2553. Re: Auto CQ

Yahoo group: V4Protocol
Date: 2011-11-13 23:26:43 UTC
From: la7um
Topic: 2529 Message: 2553

Rick, you are probably right. I also did not think of it before. The thougth just stumbled into my mind because of the AutoQrm discussion.
Not a "not good" GUI, more a "no GUI at all" solution.... more command based trick "in beween".

A joke. Please forget it. There are more important tasks ahead :-)

73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Finn,
>
> You can already do a repeat with two clicks now (ARQ Call, CQ) or (ARQ Call, Call Callsign). Why add another seldom used button to crowd and confuse and save one click? That is just not good GUI design.
>
> Rick
>
>
> From: la7um
> Sent: Sunday, November 13, 2011 1:48 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Auto CQ
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>
> Rick. I'm also reluctant to recommend auto qrm. But maybe put in ONE "repeat" button executing the last unanswered choice of ARQ Call. Either were it CQ or Target Callsign?
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> By the way, Autoupdate worked well.
>
> 73. Finn/LA7UM
>
> --- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> >
> > Thanks Joel,
> > That makes some sense but I am always reluctant to put any automatic/unattended mechanism into what is supposed to be a Ã¢Â□Â□keyboardÃ¢Â□Â□ program. There have already been requests for things like the ability to Ã¢Â□Â□leave messagesÃ¢Â□Â□ etc. but there are already good programs and protocols around that will handle unattended ARQ operation and messages (e.g. RMS Express with WINMOR, BPQ32 etc.). It is too easy to create automatic QRM generators! If someone can explain the value in such an Auto CQ and a reliable method for protecting against unattended QRM I will of course consider putting it in.
> >
> > Rick KN6KB
> >
> > From: Joel Black

> > Sent: Sunday, November 13, 2011 9:05 AM
> > To: mailto:V4Protocol%40yahoogroups.com
> > Subject: Re: [V4Protocol] Auto CQ
> >
> >
> > Rick,
> >
> > I think he is talking about putting in a countdown timer. Configure the timer, hit the CQ button, and let it do its thing. If you make the timer for 30 seconds, 30 seconds after the last CQ, V4 calls CQ again.
> >
> > FLDigi has a macro that will allow you to do it. My problem is I forget I did it and walk out of the shack. :)
> >
> > 73,
> > Joel - W4JBB
> >
> > On 11/13/2011 7:15 AM, Rick Muething wrote:
> >
> > Mushtaq,
> >
> > I am not sure what an Ã¢Â□Â□auto CQÃ¢Â□Â□ is. There is already a CQ calling mechanism built in and used for ARQ. (Click ARQ Call, CQ) This sends a specailly formatted frame that IDÃ¢Â□Â□s the sender and tells everyone he is calling CQ. Stations can then answer him in ARQ by (Click ARQ Call, Entering the target call sign and then Clicking Call Callsign). All this explained in the help file.
> >
> > The ARQ connection is initiated by very specificly formatted frame containing the SenderÃ¢Â□Â□s and target call sign.
> >
> > For FEC operation the easiest thing is to edit up a formatted file saying what you wish and saving it as a users file. It could be a general CQ, DX CQ, contest CQ or whatever you wish. Read in the help about how to generate and use User files.
> >
> > Rick KN6KB
> >
> >
> > From: Mushtaq Ahmed
> > Sent: Saturday, November 12, 2011 10:38 PM
> > To: mailto:v4protocol%40yahoogroups.com
> > Subject: [V4Protocol] Auto CQ
> >
> >
> > Rick, I have been using the V4Chat over a year, and one thing I miss a lot, can you add a auto CQ into V4Chat, please think about if it possiable?
> > 73 de Mushtaq / LA3RIA
> >
>

2554. Re: [V4Protocol] Re: Release of V4Chat and V4 TNC 1.0.0.0

Yahoo group: V4Protocol
Date: 2011-11-14 01:16:57 UTC
From: Rick Muething
Topic: 2529 Message: 2554

Bernie,
The Article is a good idea. I would be willing to help and co author with someone else. The earlier papers I wrote on V4 for DCC were pretty technical...what is probably needed now is a more “hands on” how do I set it up and use it type of article.

Another promotional Idea I had was some type of contest. In a near future release I plan to include a simple mechanism for automatically exchanging grid squares on a V4 ARQ QSO. We could use that and V4Chat’s standard ADIF log to make it easy to submit and “score” a V4 contest. It would emphasize the accuracy of the V4 ARQ and the efficiency of exchanging and logging basic QSO data. Those that are more familiar with contesting could help set this up.

73,
Rick KN6KB

From: ham
Sent: Sunday, November 13, 2011 5:38 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Release of V4Chat and V4 TNC 1.0.0.0

Rick:

Not a problem. The ICOM fix is a "nice to have"

V4 Chat is fully functional as is.

Now we need some promotional work. Anyone willing to write an article for QST or CQ?

73, Bernie

--- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Bernie,
>
> Bug fixing priority is based on a number of things:
> 1) How serious is it?
> 2) How many users does it effect? (there arenâ☐☐t too many 735 users now days)
> 3) Do I have the resources to easily fix it...e.g. I donâ☐☐t have access to a 735 myself so fixes to that end up being totally trial and error often requiring many iterations of me making a change, trying to capture more info on the effect of the change, and having some one else run the test.
> 4) How much time I have to devote to the project and the type of bug fix. Right now I am pretty busy with several projects. Remember this is all volunteer work often 20 + hours a week or more.
>
> I have the 735 bug and the readback from Yaesu radios on my list as well as a few others but I needed to get this release out since it affected almost every user since it had to do with some marginal timing situations. The net result is more reliable operation for most users.
>

> 73,
>
> Rick KN6KB
>
>
> From: ham
> Sent: Sunday, November 13, 2011 2:36 PM
> To: mailto:V4Protocol%40yahoogroups.com
> Subject: [V4Protocol] Re: Release of V4Chat and V4 TNC 1.0.0.0
>
>
>
>
> The issue with the ICOM 735 changing filter options is still there.
>
> I suppose this bug is still on the low priority list?
>
> Upgrade went perfectly.
>
> 73, Bernie
>
> > >
> > > I am still working on some issues with readback of the frequency data on Yaesu radios.
> > >
>

2555. Re: Release of V4Chat and V4 TNC 1.0.0.0

Yahoo group: V4Protocol
Date: 2011-11-14 13:40:26 UTC
From: la7um
Topic: 2529 Message: 2555

Bernie and Rick. In an article it also could be focused on the ability to direct inform another field Winlink station about that NOW a message (maybe urgent) is sent into the wl2ksystem (using pactor, winmor or whatever on whatever band.)

This works if one known usable non winlink frequency could be agreed upon as stby for everybody participation in an action. For voice and V4Chat.

If it works voice or V4, good. If not, you just need to wait for the target station to check into Winlink system by his normal routine.

I have so far not seen any problem being online RMS Express and V4Chat at the same time, even WINMOR session ready though NOT P2P.

I use manual tune of the radio.

Such information given by V4CHAT may have a better chance of getting through if qrm than pure voice which could be the primary administrative communication.

Have I have missed something here?

73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Bernie,
> The Article is a good idea. I would be willing to help and co author with someone else. The earlier papers I wrote on V4 for DCC were pretty technical...what is probably needed now is a more â□□hands onâ□□ how do I set it up and use it type of article.
>
> Another promotional Idea I had was some type of contest. In a near future release I plan to include a simple mechanism for automatically exchanging grid squares on a V4 ARQ QSO. We could use that and V4Chatâ□□s standard ADIF log to make it easy to submit and â□□scoreâ□□ a V4 contest. It would emphasize the accuracy of the V4 ARQ and the efficiency of exchanging and logging basic QSO data. Those that are more familiar with contesting could help set this up.
>
> 73,
> Rick KN6KB
>
> From: ham
> Sent: Sunday, November 13, 2011 5:38 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Release of V4Chat and V4 TNC 1.0.0.0
>
>
> Rick:
>

> Not a problem. The ICOM fix is a "nice to have"
>
> V4 Chat is fully functional as is.
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> Now we need some promotional work. Anyone willing to write an article for QST or CQ?
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> 73, Bernie
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> > 4) How much time I have to devote to the project and the type of bug fix. Right now I am pretty busy with several projects. Remember this is all volunteer work often 20 + hours a week or more.
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> > I have the 735 bug and the readback from Yaesu radios on my list as well as a few others but I needed to get this release out since it affected almost every user since it had to do with some marginal timing situations. The net result is more reliable operation for most users.
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> >
> >
> > The issue with the ICOM 735 changing filter options is still there.
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> > I suppose this bug is still on the low priority list?
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> > Upgrade went perfectly.
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> > 73, Bernie
> >
> > > > >
> > > > I am still working on some issues with readback of the frequency data on Yaesu radios.
> > > > >

> >
>

2556. Re: Auto CQ

Yahoo group: V4Protocol
Date: 2011-11-15 08:17:44 UTC
From: Peter Zingsheim
Topic: 2529 Message: 2556

Hi,
my 2 cents:
To me, a keyboard program means just that: keys used for typing. "chat" is the keyword. Right now, V4Chat sets itself apart from the crowd. There are plenty of other digimodes with apps that use keys for shortcuts to all sorts of canned texts and rubber stamps. Any feature, if provided, will eventually be used by the crowd. Following the crowd is not my concept of progress.
73, Peter

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Thanks Joel,
> That makes some sense but I am always reluctant to put any automatic/unattended mechanism into what is supposed to be a â□□keyboardâ□□ program. There have already been requests for things like the ability to â□□leave messagesâ□□ etc. but there are already good programs and protocols around that will handle unattended ARQ operation and messages (e.g. RMS Express with WINMOR, BPQ32 etc.). It is too easy to create automatic QRM generators! If someone can explain the value in such an Auto CQ and a reliable method for protecting against unattended QRM I will of course consider putting it in.
>
> Rick KN6KB
>
> From: Joel Black
> Sent: Sunday, November 13, 2011 9:05 AM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Auto CQ
>
>
> Rick,
>
> I think he is talking about putting in a countdown timer. Configure the timer, hit the CQ button, and let it do its thing. If you make the timer for 30 seconds, 30 seconds after the last CQ, V4 calls CQ again.
>
> FLDigi has a macro that will allow you to do it. My problem is I forget I did it and walk out of the shack. :)
>
> 73,
> Joel - W4JBB
>
> On 11/13/2011 7:15 AM, Rick Muething wrote:
>
> Mushtaq,
>
> I am not sure what an â□□auto CQâ□□ is. There is already a CQ calling mechanism built in and used for ARQ. (Click ARQ Call, CQ) This sends a specailly formatted frame that IDâ□□s the sender and tells everyone he is calling CQ. Stations can then answer him in ARQ by (Click ARQ Call, Entering the target call sign and then Clicking Call

Callsign). All this explained in the help file.
>
> The ARQ connection is initiated by very specificly formatted frame containing the Senderâ□□s and target call sign.
>
> For FEC operation the easiest thing is to edit up a formatted file saying what you wish and saving it as a users file. It could be a general CQ, DX CQ, contest CQ or whatever you wish. Read in the help about how to generate and use User files.
>
> Rick KN6KB
>
>
> From: Mushtaq Ahmed
> Sent: Saturday, November 12, 2011 10:38 PM
> To: v4protocol@yahoogroups.com
> Subject: [V4Protocol] Auto CQ
>
>
> Rick, I have been using the V4Chat over a year, and one thing I miss a lot, can you add a auto CQ into V4Chat, please think about if it possiable?
> 73 de Mushtaq / LA3RIA
>

2557. 28073Khz V31AE calling cq and be stby for a bit longer

Yahoo group: V4Protocol
Date: 2011-11-15 16:30:34 UTC
From: Robert Belize
Topic: 2557 Message: 2557

Just call and see if you could create a responce from us in the jungle of Belize.
73 all
Robert V31AE

Time now 16:30Z

2558. V4Chat contest on 10 meters 28073khz dial ?

Yahoo group: V4Protocol
Date: 2011-11-15 17:13:57 UTC
From: Robert Belize
Topic: 2558 Message: 2558

All.....

looking forward to that event....

logbook:
Freq, call sign, time is auto logged. Thanks Rick!

The Name of the qso partner should/could be highlighted in the text window and made clickable, to be included into the log.
Right now you have to cut and paste..
Clearing the text windows could be one click only! its easier..Right now it's asking "are you sure"

Any comment?
73'
Robert V31AE

2559. Re: [V4Protocol] V4Chat contest on 10 meters 28073khz dial ?

Yahoo group: V4Protocol
Date: 2011-11-15 17:43:44 UTC
From: Rick Muething
Topic: 2558 Message: 2559

Robert,

I am not sure how much you save by highlighting the name:
1) You have to highlight the name ...the program can't determine the name from the text.
2) You have to right click on the highlighted name ...right now you can copy that for pasting.
3) If I provided another right click option to "paste name to mini log" it could save 1 mouse click as long as the target location of the paste was assumed.

Re: confirmation of clear. It can't be undone...I do not like unconfirmed clearing of things that can't be undone. And add to that it is not necessary to ever clear the windows...I use it very infrequently here. There have been no other requests to streamline the clear.

These things fall into what I call the category of personal GUI nits. No two people will agree. If I get lots of requests to change something like this it may be good to do so....but if I for example act on a single request it is likely I will get 5 more that say either "put it back the way it was" or "make it a user selected option" ...the later gets very complicated very quickly. User character sets, user fonts, user colors, user commands etc.

My main focus to date has been to make the V4 Protocol solid and useable and fairly simple to setup. V4Chat is just one of many possible clients or GUI that could use the V4 TNC and in time I suspect there will be others wishing to develop their own client/servers and GUI using the V4 TNC.

Rick KN6KB

From: Robert Belize
Sent: Tuesday, November 15, 2011 12:13 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4Chat contest on 10 meters 28073khz dial ?

All.....

looking forward to that event....

logbook:
Freq, call sign, time is auto logged. Thanks Rick!

The Name of the qso partner should/could be highlighted in the text window and made clickable, to be included into the log.
Right now you have to cut and paste..
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Any comment?
73'

Robert V31AE

2560. Sorry if this is a dumb question...Mac software?

Yahoo group: V4Protocol
Date: 2011-11-15 17:55:57 UTC
From: WA8JXM
Topic: 2560 Message: 2560

I first heard about V4 last night while in QSO with a station. He told me that it was "available for many computers", so I found and joined the group to find out more.

However, from what I see looking at the files section, it's only available for Windows. Is that correct?

I'm running a Macintosh.

73, Ken WA8JXM

2561. Re: V4Chat contest on 10 meters 28073khz dial ?

Yahoo group: V4Protocol
Date: 2011-11-15 18:22:45 UTC
From: Robert Belize
Topic: 2558 Message: 2561

<<< ...the program canâ□□t determine the name from the text.>>>

Hmmmm.... just a thought... usually the sender says "my name is"
After that sentence the following word is his/her "name"... software could read that and highlight that word to be included into the log...
I could be wrong...

Thank you for your work Rick...
Robert V31AE

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Robert,
>
> I am not sure how much you save by highlighting the name:
> 1) You have to highlight the name ...the program canâ□□t determine the name from the text.
> 2) You have to right click on the highlighted name ...right now you can copy that for pasting.
> 3) If I provided another right click option to "paste name to mini logâ□□ it could save 1 mouse click as long as the target location of the paste was assumed.
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> Re: confirmation of clear. It canâ□□t be undone...I do not like unconfirmed clearing of things that canâ□□t be undone. And add to that it is not necessary to ever clear the windows...I use it very infrequently here. There have been no other requests to streamline the clear.
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>
> My main focus to date has been to make the V4 Protocol solid and useable and fairly simple to setup. V4Chat is just one of many possible clients or GUI that could use the V4 TNC and in time I suspect there will be others wishing to develop their own client/servers and GUI using the V4 TNC.
>
> Rick KN6KB
>
>
> From: Robert Belize
> Sent: Tuesday, November 15, 2011 12:13 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] V4Chat contest on 10 meters 28073khz dial ?
>
>
>
> All.....
>
> looking forward to that event....

>
> logbook:
> Freq, call sign, time is auto logged. Thanks Rick!
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> The Name of the qso partner should/could be highlighted in the text window and made clickable, to be included into the log.
> Right now you have to cut and paste..
> Clearing the text windows could be one click only! its easier..Right now it's asking "are you sure"
>
> Any comment?
> 73'
> Robert V31AE
>

2562. Re: V4Chat contest on 10 meters 28073khz dial ?

Yahoo group: V4Protocol
Date: 2011-11-15 18:51:35 UTC
From: la7um
Topic: 2558 Message: 2562

Robert. Norwegians use another syntax. I guess all different contries does. In case there must be a unique strict syntax. Probably simplest as it is. 73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "Robert Belize" <robertbelize@...> wrote:
>
> <<< ...the program canâ□□t determine the name from the text.>>>
>
> Hmmmm.... just a thought... usually the sender says "my name is"
> After that sentence the following word is his/her "name"... software could read that and highlight that word to be included into the log...
> I could be wrong...
>
> Thank you for your work Rick...
> Robert V31AE
>
>
>
> --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@> wrote:
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> > Robert,
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> > I am not sure how much you save by highlighting the name:
> > 1) You have to highlight the name ...the program canâ□□t determine the name from the text.
> > 2) You have to right click on the highlighted name ...right now you can copy that for pasting.
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> > Re: confirmation of clear. It canâ□□t be undone...I do not like unconfirmed clearing of things that canâ□□t be undone. And add to that it is not necessary to ever clear the windows...I use it very infrequently here. There have been no other requests to streamline the clear.
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> >
> > Rick KN6KB
> >
> >
> > From: Robert Belize

> > Sent: Tuesday, November 15, 2011 12:13 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] V4Chat contest on 10 meters 28073khz dial ?
> >
> >
> > All.....
> >
> > looking forward to that event....
> >
> > logbook:
> > Freq, call sign, time is auto logged. Thanks Rick!
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> > The Name of the qso partner should/could be highlighted in the text window and made clickable, to be included into the log.
> > Right now you have to cut and paste..
> > Clearing the text windows could be one click only! its easier..Right now it's asking "are you sure"
> >
> > Any comment?
> > 73'
> > Robert V31AE
> >
>

2563. Re: [V4Protocol] Sorry if this is a dumb question...Mac software?

Yahoo group: V4Protocol
Date: 2011-11-15 18:59:14 UTC
From: Rick Muething
Topic: 2560 Message: 2563

Ken,

The V4 TNC and V4 Chat are written for Windows. I have heard however of successful operation on recent Mac's using Parallel http://www.parallels.com/products/desktop/ This is a fairly recent and efficient program that has been reported to work well on recent Macs on this forum. I think it is fairly reasonable at about $79.

Perhaps some V4 Mac users can comment.

Rick KN6KB

From: WA8JXM
Sent: Tuesday, November 15, 2011 12:55 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Sorry if this is a dumb question...Mac software?

I first heard about V4 last night while in QSO with a station. He told me that it was "available for many computers", so I found and joined the group to find out more.

However, from what I see looking at the files section, it's only available for Windows. Is that correct?

I'm running a Macintosh.

73, Ken WA8JXM

2564. Re: [V4Protocol] Sorry if this is a dumb question...Mac software?

Yahoo group: V4Protocol
Date: 2011-11-15 19:02:00 UTC
From: Ed Woods WD9DVA
Topic: 2560 Message: 2564

HI ALL WE JUST WORKED V31AE (ROBERT) ON 28073 @151856Z WITH A DIPOLE AND ABT 75 W HIS SCORE WAS 80/29 HERE IN GREENWOOD, IN. ED WD9DVA
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Tuesday, November 15, 2011 18:59
Subject: Re: [V4Protocol] Sorry if this is a dumb question...Mac software?

Ken,

The V4 TNC and V4 Chat are written for Windows. I have heard however of successful operation on recent Mac’s using Parallel http://www.parallels.com/products/desktop/ This is a fairly recent and efficient program that has been reported to work well on recent Macs on this forum. I think it is fairly reasonable at about $79.

Perhaps some V4 Mac users can comment.

Rick KN6KB

From: WA8JXM
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Subject: [V4Protocol] Sorry if this is a dumb question...Mac software?

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I'm running a Macintosh.

73, Ken WA8JXM

2565. Re: [V4Protocol] Re: V4Chat contest on 10 meters 28073khz dial ?

Yahoo group: V4Protocol
Date: 2011-11-15 19:04:07 UTC
From: Rick Muething
Topic: 2558 Message: 2565

Robert,
Trying to interpret sent text is probably a very slippery slope!...
In the next release however I am going to include a simple automatic send/receive/capture of the Grid squares for each side. These will automatically go into the ADIF log file. This is something that is simple, standardized (e.g. EL98 or EL98pf) and independent of language.

Rick

From: Robert Belize
Sent: Tuesday, November 15, 2011 1:22 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: V4Chat contest on 10 meters 28073khz dial ?

<<< ...the program canâ☐☐t determine the name from the text.**>>>**

Hmmmm.... just a thought... usually the sender says "my name is"
After that sentence the following word is his/her "name"... software could read that and highlight that word to be included into the log...
I could be wrong...

Thank you for your work Rick...
Robert V31AE

--- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
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> Robert,
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> I am not sure how much you save by highlighting the name:
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> Re: confirmation of clear. It canâ☐☐t be undone...I do not like unconfirmed clearing of things that canâ☐☐t be undone. And add to that it is not necessary to ever clear the windows...I use it very infrequently here. There have been no other requests to streamline the clear.
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> All.....
>
> looking forward to that event....
>
> logbook:
> Freq, call sign, time is auto logged. Thanks Rick!
>
> The Name of the qso partner should/could be highlighted in the text window and made clickable, to be included into the log.
> Right now you have to cut and paste..
> Clearing the text windows could be one click only! its easier..Right now it's asking "are you sure"
>
> Any comment?
> 73'
> Robert V31AE
>

2566. Re: [V4Protocol] Sorry if this is a dumb question...Mac software?

Yahoo group: V4Protocol
Date: 2011-11-15 21:01:08 UTC
From: Rick Muething
Topic: 2560 Message: 2566

Ed,

Do you know if he was using the Mac with Parallel or some other solution?

Rick

From: Ed Woods WD9DVA
Sent: Tuesday, November 15, 2011 2:02 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Sorry if this is a dumb question...Mac software?

☐

HI ALL WE JUST WORKED V31AE (ROBERT) ON 28073 @151856Z WITH A DIPOLE AND ABT 75 W HIS SCORE WAS 80/29 HERE IN GREENWOOD, IN. ED WD9DVA
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Tuesday, November 15, 2011 18:59
Subject: Re: [V4Protocol] Sorry if this is a dumb question...Mac software?

Ken,

The V4 TNC and V4 Chat are written for Windows. I have heard however of successful operation on recent Mac's using Parallel http://www.parallels.com/products/desktop/ This is a fairly recent and efficient program that has been reported to work well on recent Macs on this forum. I think it is fairly reasonable at about $79.

Perhaps some V4 Mac users can comment.

Rick KN6KB

From: WA8JXM
Sent: Tuesday, November 15, 2011 12:55 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Sorry if this is a dumb question...Mac software?

I first heard about V4 last night while in QSO with a station. He told me that it was "available for many computers", so I found and joined the group to find out more.

However, from what I see looking at the files section, it's only available for Windows. Is that correct?

I'm running a Macintosh.

73, Ken WA8JXM

2567. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-11-15 21:21:26 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2567

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /Using V4Chat and V4 TNC on a Mac.pdf
Uploaded by : kn6kb <rmuething@...>
Description : Info file on using Parallels to run V4Chat on a Mac

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/Using%20V4Chat%20and%20V4%20TNC%20on%20a%20Mac.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2568. Re: [V4Protocol] Sorry if this is a dumb question...Mac software?

Yahoo group: V4Protocol
Date: 2011-11-15 21:35:06 UTC
From: Ed Woods WD9DVA
Topic: 2560 Message: 2568

Nope I kept it short just like anyother contest. We exchanged names and qth, I gave Bob the score from my window 80 something/29, he gave me a 5/9. That was it. 73 Ed
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Tuesday, November 15, 2011 21:01
Subject: Re: [V4Protocol] Sorry if this is a dumb question...Mac software?

Ed,

Do you know if he was using the Mac with Parallel or some other solution?

Rick

From: Ed Woods WD9DVA
Sent: Tuesday, November 15, 2011 2:02 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Sorry if this is a dumb question...Mac software?

☐

HI ALL WE JUST WORKED V31AE (ROBERT) ON 28073 @151856Z WITH A DIPOLE AND ABT 75 W HIS SCORE WAS 80/29 HERE IN GREENWOOD, IN. ED WD9DVA
----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Tuesday, November 15, 2011 18:59
Subject: Re: [V4Protocol] Sorry if this is a dumb question...Mac software?

Ken,

The V4 TNC and V4 Chat are written for Windows. I have heard however of successful operation on recent Mac’s using Parallel http://www.parallels.com/products/desktop/ This is a fairly recent and efficient program that has been reported to work well on recent Macs on this forum. I think it is fairly reasonable at about $79.

Perhaps some V4 Mac users can comment.

Rick KN6KB

From: WA8JXM
Sent: Tuesday, November 15, 2011 12:55 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Sorry if this is a dumb question...Mac software?

I first heard about V4 last night while in QSO with a station. He told me that it was "available for many computers", so I found and joined the group to find out more.

However, from what I see looking at the files section, it's only available for Windows. Is that correct?

I'm running a Macintosh.

73, Ken WA8JXM

2569. Using V4Chat and V4 TNC on the Mac?

Yahoo group: V4Protocol
Date: 2011-11-16 13:11:35 UTC
From: Rick Muething
Topic: 2560 Message: 2569

I have had a number of requests about if/how to run V4Chat and the V4 TNC on a Mac.
I am aware of at least one successful installation using Parallels
http://www.parallels.com/products/desktop/ .
This works for late model Mac's using Intel's Core 2 Duo, Core i3, Core i5, Core i7, or Xeon processors.
If anyone out there has had success with this or other emulator type programs please post your experience. I will combine into an expanded document and post to the reflector.
Thanks,
Rick KN6KB

2570. Re: [V4Protocol] Using V4Chat and V4 TNC on the Mac?

Yahoo group: V4Protocol
Date: 2011-11-16 14:29:51 UTC
From: WA8JXM
Topic: 2560 Message: 2570

If you install Parallels, I believe you also have to install a copy of the Microsoft operating system ($$$), and learning to live with it, plus start worrying about virus protection, etc.

Personally, I am not interested in going that route, it's more trouble than it's worth....

I went to a Mac because I wanted to avoid all the Microsoft hassles.

73, Ken WA8JXM

On Nov 16, 2011, at 8:11 AM, Rick Muething wrote:

>
>
> I have had a number of requests about if/how to run V4Chat and the V4 TNC on a Mac.
>
> I am aware of at least one successful installation using Parallels http://www.parallels.com/products/desktop/ .
> This works for late model Mac’s using Intel’s Core 2 Duo, Core i3, Core i5, Core i7, or Xeon processors.
>
> If anyone out there has had success with this or other emulator type programs please post your experience. I will combine into an expanded document and post to the reflector.
>
> Thanks,
>
> Rick KN6KB
>
>
>

2571. V31AE stby on 28073Khz/Dial USB v4chat

Yahoo group: V4Protocol
Date: 2011-11-16 14:28:27 UTC
From: Robert Belize
Topic: 2571 Message: 2571

all....

lets see who can trigger my transceiver to respond!
Some times I'll call cq.. most of the time am stby.. only a few hours from now on... time now 14:26Z
73
Robert V31AE

2572. Re: [V4Protocol] Using V4Chat and V4 TNC on the Mac?

Yahoo group: V4Protocol
Date: 2011-11-16 14:54:53 UTC
From: Rick Muething
Topic: 2560 Message: 2572

Understood Ken...but there just doesn't seem to be any hams willing or capable of translating the V4Chat and V4 TNC .NET code to the Mac so Parallels is an option to having nothing. Programmers (and unfortunately virus writers too) usually write code for Windows first because it has such a large share of the market...basic economics.

I can't justify the expense of a Mac, Mac Development tools, and the time required for a program (V4Chat/V4 TNC) that is free. It would sure help if Apple supplied productive, low cost OS, development tools, and programs for 501C3 groups like Microsoft does.

Rick KN6KB

From: WA8JXM
Sent: Wednesday, November 16, 2011 9:29 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Using V4Chat and V4 TNC on the Mac?

If you install Parallels, I believe you also have to install a copy of the Microsoft operating system ($$$), and learning to live with it, plus start worrying about virus protection, etc.

Personally, I am not interested in going that route, it's more trouble than it's worth....

I went to a Mac because I wanted to avoid all the Microsoft hassles.

73, Ken WA8JXM

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This works for late model Mac's using Intel's Core 2 Duo, Core i3, Core i5, Core i7, or Xeon processors.

If anyone out there has had success with this or other emulator type programs please post your experience. I will combine into an expanded document and post to the reflector.

Thanks,

Rick KN6KB

2573. Re: [V4Protocol] Using V4Chat and V4 TNC on the Mac?

Yahoo group: V4Protocol
Date: 2011-11-16 15:36:55 UTC
From: WA8JXM
Topic: 2560 Message: 2573

Rick,

Thanks for the comments. I'm not complaining, just documenting my viewpoint.

Maybe someday if I upgrade the rig to something with CAT control I'll be forced to buy a Windows machine. Yes, Apple is a bit insular in their outlook. But things have been worse: when the Mac was first introduced, developers had to buy a Lisa machine ($10K) to do any Mac development!

73, Ken WA8JXM

On Nov 16, 2011, at 9:54 AM, Rick Muething wrote:

>
>
> Understood Ken...but there just doesn’t seem to be any hams willing or capable of translating the V4Chat and V4 TNC .NET code to the Mac so Parallels is an option to having nothing. Programmers (and unfortunately virus writers too) usually write code for Windows first because it has such a large share of the market...basic economics.
>
> I can’t justify the expense of a Mac, Mac Development tools, and the time required for a program (V4Chat/V4 TNC) that is free. It would sure help if Apple supplied productive, low cost OS, development tools, and programs for 501C3 groups like Microsoft does.
>
> Rick KN6KB
>
>
> From: WA8JXM
> Sent: Wednesday, November 16, 2011 9:29 AM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Using V4Chat and V4 TNC on the Mac?
>
> If you install Parallels, I believe you also have to install a copy of the Microsoft operating system ($$$), and learning to live with it, plus start worrying about virus protection, etc.
>
>
> Personally, I am not interested in going that route, it's more trouble than it's worth....
>
> I went to a Mac because I wanted to avoid all the Microsoft hassles.
>
> 73, Ken WA8JXM
>
>
>

>
> On Nov 16, 2011, at 8:11 AM, Rick Muething wrote:
>
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>> I have had a number of requests about if/how to run V4Chat and the V4 TNC on a Mac.
>>
>> I am aware of at least one successful installation using Parallels http://www.parallels.com/products/desktop/ .
>> This works for late model Mac's using Intel's Core 2 Duo, Core i3, Core i5, Core i7, or Xeon processors.
>>
>> If anyone out there has had success with this or other emulator type programs please post your experience. I will combine into an expanded document and post to the reflector.
>>
>> Thanks,
>>
>> Rick KN6KB
>>
>>
>
>
>

2574. Re: [V4Protocol] Using V4Chat and V4 TNC on the Mac?

Yahoo group: V4Protocol
Date: 2011-11-16 16:50:33 UTC
From: Jerry Curry
Topic: 2560 Message: 2574

Ken,

I run Parallels on my i7 iMac and on my i5 Mac PowerBook. I have XP installed on both machines. V4 runs just fine on both. Also run Airmail and RMS Express. Even my RMS software runs OK. I've run the RMS on it for a few hours when I had to change a power supply in the HP machine that the RMS normally runs on. I also run MixW2, WinPSKe, and a few other windows based programs on the XP side. Good thing is many of those don't need access to the internet to function. I don't run any anti-virus software on either OS but I'm careful not to access the internet with the XP side running.

As for dealing with the quirks of Microsoft…. I've had to stumble around a bit but feel somewhat comfortable…by no means an expert.

Take another look at it before you throw in the towel. It's a good opportunity to have your cake and eat it too!

73,
Jerry
KL7EDK

On Nov 16, 2011, at 5:29 AM, WA8JXM wrote:

> If you install Parallels, I believe you also have to install a copy of the Microsoft operating system ($$$), and learning to live with it, plus start worrying about virus protection, etc.
>
>
> Personally, I am not interested in going that route, it's more trouble than it's worth....
>
> I went to a Mac because I wanted to avoid all the Microsoft hassles.
>
> 73, Ken WA8JXM
>
>
>
>
> On Nov 16, 2011, at 8:11 AM, Rick Muething wrote:
>
>>
>>
>> I have had a number of requests about if/how to run V4Chat and the V4 TNC on a Mac.
>>
>> I am aware of at least one successful installation using Parallels http://www.parallels.com/products/desktop/ .
>> This works for late model Mac’s using Intel’s Core 2 Duo, Core i3, Core i5, Core i7, or

Xeon processors.
>>
>> If anyone out there has had success with this or other emulator type programs please post your experience. I will combine into an expanded document and post to the reflector.
>>
>> Thanks,
>>
>> Rick KN6KB
>>
>>
>
>
>

2575. Re: [V4Protocol] V31AE stby on 28073Khz/Dial USB v4chat

Yahoo group: V4Protocol
Date: 2011-11-16 18:39:06 UTC
From: Fred G -w1wyc
Topic: 2571 Message: 2575

Hi Robert,

I don't know if you were on but I gave a call about 1800Z on 28073 dial.
VoaProp said the propagation was S1-S3 from Massachusetts (FN42jm) with an SSN of 137.
No Luck.

73,
Fred, W1WYC

----- Original Message -----
From: Robert Belize
To: V4Protocol@yahoogroups.com
Sent: Wednesday, November 16, 2011 9:28 AM
Subject: [V4Protocol] V31AE stby on 28073Khz/Dial USB v4chat

all....

lets see who can trigger my transceiver to respond!
Some times I'll call cq.. most of the time am stby.. only a few hours from now on... time now 14:26Z
73
Robert V31AE

2576. Speed of performance during FEC

Yahoo group: V4Protocol
Date: 2011-11-17 01:17:49 UTC
From: la7um
Topic: 2576 Message: 2576

Rick. I got the idea from your posting on another reflector. Reliable decoding versus speed.
Combining this with the old Pactor fec: 2 repeats (default, as in amtor fec) to 5 repeats, speed versus robustnes).

Could such a choice, maybe to even more than 5, when tx in fec mode be implemented in V4?

This probably needs some automatic corresponding adjustments on the RX side for correct interpretation as well.

Sometimes some short net "broadcasts" could justify and benefit from maximizing correct reception at the cost of speed within reasonable limits.

Just an idea.

73 de la7um Finn

2577. Re: [V4Protocol] Speed of performance during FEC

Yahoo group: V4Protocol
Date: 2011-11-17 13:02:26 UTC
From: Rick Muething
Topic: 2576 Message: 2577

Finn,

The problem is all in the details...like life!

If you use a repeating FEC mechanism 2,3, 4, etc Then you have to do two things...one is easy the other not so easy.
1) You have to repeat the frame a fixed number of times and make it so if the receiver gets a duplicate it suppresses the duplicate. This is easy ...the Monitoring capability of the ARQ mode already has this in it.

2) The hard part .... what if the receiver doesn't get a correct decode at all? Do you show everything received (including repeats)? Do you not show anything? How do you make it "readable" at the received end?

Then there is the small matter of speed. The Max FEC rate is about 45 WPM now. Doing three repeats drops this to 15 WPM pretty slow. It is also not very efficient. (You get a better chance of receiving not by repeating but by changing the FEC mode (e.g. adding more redundancy) such as Reed Solomon on top of the Viterbi.

In the end it comes down to engineering. If what you want is the most reliable 15 WPM FEC mechanism you can get ...then state that as a goal and design to it. Right now I don't have the time for this or getting heavy into FEC modes of the current V4.

Almost every decision in engineering is not based on "Can It be done?" it is based on "Is this the best return on a limited resource?"

Rick KN6KB

From: la7um
Sent: Wednesday, November 16, 2011 8:17 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Speed of performance during FEC

Rick. I got the idea from your posting on another reflector. Reliable decoding versus speed.
Combining this with the old Pactor fec: 2 repeats (default, as in amtor fec) to 5 repeats, speed versus robustnes).

Could such a choice, maybe to even more than 5, when tx in fec mode be implemented in V4?

This probably needs some automatic corresponding adjustments on the RX side for correct interpretation as well.

Sometimes some short net "broadcasts" could justify and benefit from maximizing correct reception at the cost of speed within reasonable limits.

Just an idea.

73 de la7um Finn

2578. Re: [V4Protocol] Speed of performance during FEC

Yahoo group: V4Protocol
Date: 2011-11-17 13:11:31 UTC
From: Ted Trostle
Topic: 2576 Message: 2578

If this is seriously considered it should be an option of the operator. Under general conditions V4 has excellent data flow and even with weak signal conditions V4 AEQ does a good job. QRM can have a negative impact that is not corrected with FEC either.

Also if it auto switches to FEC...is there an auto disconnect ? What does the other operator do ??

My thought overall is Pactor and Amator are what they are...Pactor and Amator. V4 is a simple reliable inexpensive product to provide a AEQ chat mode, let's keep it simple.

Ted, WB2LOU

On Wed, Nov 16, 2011 at 8:17 PM, la7um <la7um@...> wrote:

> **
>
>
> Rick. I got the idea from your posting on another reflector. Reliable
> decoding versus speed.
> Combining this with the old Pactor fec: 2 repeats (default, as in amtor
> fec) to 5 repeats, speed versus robustnes).
>
> Could such a choice, maybe to even more than 5, when tx in fec mode be
> implemented in V4?
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> This probably needs some automatic corresponding adjustments on the RX
> side for correct interpretation as well.
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> Sometimes some short net "broadcasts" could justify and benefit from
> maximizing correct reception at the cost of speed within reasonable limits.
>
> Just an idea.
>
> 73 de la7um Finn
>
>
>

--
Ted, WB2LOU

You cannot change history, but you can make history !
The legal cure for Ignorance is Education. The Stupidity of many is incurable.

2579. AW: [V4Protocol] Speed of performance during FEC

Yahoo group: V4Protocol
Date: 2011-11-17 17:51:50 UTC
From: Siegfried Jackstien
Topic: 2576 Message: 2579

And if you repeat the frame several times there is a good chance to get it
correct if you have a start sequence where receiver can lock on (sync) and
collect the data together
If in first repeat there is an error in a part that is not disturbed in the
second repeat and/or third then you have the frame correct
(that would be spreading the data but in time domain)
And these three or five packet (as example) can be made further robust with
control numbers and additional coding ...
That all would improve robustness ... but would cost trough-put (as rick
already described) so ... the thing is needed speed, needed bandwidth,
needed snr value ... and not forget mr Shannon :-)
Dg9bfc
sigi
> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Donnerstag, 17. November 2011 13:02
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] Speed of performance during FEC
>
>
>
> Finn,
>
> The problem is all in the details...like life!
>
> If you use a repeating FEC mechanism 2,3, 4, etc Then you have to do two
> things...one is easy the other not so easy.
> 1) You have to repeat the frame a fixed number of times and make it so if
> the receiver gets a duplicate it suppresses the duplicate. This is easy
> ...the Monitoring capability of the ARQ mode already has this in it.
>
> 2) The hard part .... what if the receiver doesn□t get a correct decode
> at all? Do you show everything received (including repeats)? Do you not
> show anything? How do you make it □readable□ at the received end?
>
> Then there is the small matter of speed. The Max FEC rate is about 45 WPM
> now. Doing three repeats drops this to 15 WPM pretty slow. It is also
> not very efficient. (You get a better chance of receiving not by repeating
> but by changing the FEC mode (e.g. adding more redundancy) such as Reed
> Solomon on top of the Viterbi.
>
> In the end it comes down to engineering. If what you want is the most
> reliable 15 WPM FEC mechanism you can get ...then state that as a goal and

> design to it. Right now I don□t have the time for this or getting heavy
> into FEC modes of the current V4.
>
> Almost every decision in engineering is not based on □Can It be done?□ it
> is based on □Is this the best return on a limited resource?□
>
> Rick KN6KB
>
> From: la7um <mailto:la7um@...>
> Sent: Wednesday, November 16, 2011 8:17 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Speed of performance during FEC
>
>
>
> Rick. I got the idea from your posting on another reflector. Reliable
> decoding versus speed.
> Combining this with the old Pactor fec: 2 repeats (default, as in amtor
> fec) to 5 repeats, speed versus robustnes).
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> Could such a choice, maybe to even more than 5, when tx in fec mode be
> implemented in V4?
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> This probably needs some automatic corresponding adjustments on the RX
> side for correct interpretation as well.
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> Sometimes some short net "broadcasts" could justify and benefit from
> maximizing correct reception at the cost of speed within reasonable
> limits.
>
> Just an idea.
>
> 73 de la7um Finn
>
>
>
>

2580. Re: Speed of performance during FEC

Yahoo group: V4Protocol
Date: 2011-11-17 19:13:54 UTC
From: la7um
Topic: 2576 Message: 2580

Rick. Yes I see the detail issue. And I love that you by yourself is introducing even the redundancy issue adding Reed Solomon, hi.

So when adding a user selectable extra 3. fec and/or also ditto Reed Solomon, the V4Chat is probably getting a high (highest?) rank on all FSK-getting through mud and Aurora tests there is.

Your #2..a suggestion
If 2 of 3 characters is the same, print the winner character in red with a line through. Thus enabling an alertnes on the RX side.

If all three is different, print f.ex a ? with another colour and another bold or italic style and also with a line through. Thus alerting even stronger, helping the RX station also now.

There was some choosable "missed character" option in Amtor I believe, but don't remember if that was in FEC or ARQ mode.

As to the matter of speed. Yes. Teds suggestion of making an ON OFF operator choice on the TX side is off course a smart solution, kind of similar to the old P1 FEC option.

As you said: In the END it comes down to engineering.

But:
1: there need to be an idea, maybe wild.

2: there need being a kind of quasi economic analysis....cost/benefit
Like the case of refining free "good enough....(what is good enough?) SW" postponing other important free SW.

Since free, the marked price adjustment mechanism does not work, then it is the queue as sorting mechanism, + off course what the programmer himself find to be fun and challenging.

Probably at the time being a best solution is just sleeping on the idea while doing the other more urgent tasks.

As far as I remember from some economic theory, unless a war going on, MAXIMATION of production is NEVER the best solution. An Optimalisation usually is the way to go, calculating in the costs.

Like you say:
â☐☐Is this the best return on a limited resource?â☐☐

3: IF the sleeping and "cost benefit analysis" using the inherent engineering skills as a rough guidance ends up with a GO,

then:
4: In the END it comes down to heavy engineering.

By the way....is it a "good return on a limited resource?" introducing a "Bell". CtrlG or something making a sound alertness?
If not that is messing up with the soundcard settings?

I know, I know,,,I hit myself regarding a new DSP Soundcard Packet protocoll.....

73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Finn,
>
> The problem is all in the details...like life!
>
> If you use a repeating FEC mechanism 2,3, 4, etc Then you have to do two things...one is easy the other not so easy.
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> 2) The hard part .... what if the receiver doesnâ□□t get a correct decode at all? Do you show everything received (including repeats)? Do you not show anything? How do you make it â□□readableâ□□ at the received end?
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>
> Rick KN6KB
>
> From: la7um
> Sent: Wednesday, November 16, 2011 8:17 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Speed of performance during FEC
>
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> Rick. I got the idea from your posting on another reflector. Reliable decoding versus speed.
> Combining this with the old Pactor fec: 2 repeats (default, as in amtor fec) to 5 repeats, speed versus robustnes).
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> Could such a choice, maybe to even more than 5, when tx in fec mode be implemented in V4?
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> This probably needs some automatic corresponding adjustments on the RX side for correct interpretation as well.
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> Sometimes some short net "broadcasts" could justify and benefit from maximizing correct reception at the cost of speed within reasonable limits.
>
> Just an idea.

>
> 73 de la7um Finn
>

2581. Re: Speed of performance during FEC

Yahoo group: V4Protocol
Date: 2011-11-17 19:14:30 UTC
From: la7um
Topic: 2576 Message: 2581

Ted. The idea was seriously meant from me. But when or if implemented needs balancing against other tasks. I agreee whith your suggestion of being an operator option.

When conds are good, it is a waste. But when in the middle of Aurora it may come in handy.

Like the old P1 option it was meant to be a choice for TX FEC non arq pactor 1 station and the RX station did not need doing anything as far as I remember.

73 de la7um Finn

--- In V4Protocol@yahoogroups.com, Ted Trostle <ttrostle35@...> wrote:
>
> If this is seriously considered it should be an option of the operator.
> Under general conditions V4 has excellent data flow and even with weak
> signal conditions V4 AEQ does a good job. QRM can have a negative impact
> that is not corrected with FEC either.
>
> Also if it auto switches to FEC...is there an auto disconnect ? What does
> the other operator do ??
>
> My thought overall is Pactor and Amator are what they are...Pactor and
> Amator. V4 is a simple reliable inexpensive product to provide a AEQ chat
> mode, let's keep it simple.
>
> Ted, WB2LOU
>
>
> On Wed, Nov 16, 2011 at 8:17 PM, la7um <la7um@...> wrote:
>
> > **
> > >
> > >
> > > Rick. I got the idea from your posting on another reflector. Reliable
> > > decoding versus speed.
> > > Combining this with the old Pactor fec: 2 repeats (default, as in amtor
> > > fec) to 5 repeats, speed versus robustnes).
> > >
> > > Could such a choice, maybe to even more than 5, when tx in fec mode be
> > > implemented in V4?
> > >
> > > This probably needs some automatic corresponding adjustments on the RX
> > > side for correct interpretation as well.
> > >
> > > Sometimes some short net "broadcasts" could justify and benefit from
> > > maximizing correct reception at the cost of speed within reasonable limits.
> > >

> > Just an idea.
> >
> > 73 de la7um Finn
> >
> >
> >
>
>
>
> --
> Ted, WB2LOU
>
> You cannot change history, but you can make history !
> The legal cure for Ignorance is Education. The Stupidity of many is
> incurable.
>

2582. V4Chat vs. PSK

Yahoo group: V4Protocol
Date: 2011-11-20 14:51:08 UTC
From: Fred G -w1wyc
Topic: 2582 Message: 2582

Looks like the twenty meter band is consumed with a PSK contest.
Not a chance for V4Chat but I'll monitor 14073.000 dial anyway.
I may not be in earshot of the rig but try a connect anyway.

Fred, W1WYC

2583. V4Chat vs. PSK

Yahoo group: V4Protocol
Date: 2011-11-20 19:13:33 UTC
From: Fred G -w1wyc
Topic: 2582 Message: 2583

Hi again folks,

Sorry I wasn't at the keyboard but here in New England the leaves are falling.
I had to do some clean up. We have rain/snow coming.
I did check the rig a while ago and saw two connects:
GI4LKG, Victor in Belfast
and
K4KAH, Garry in Georgia.

With foul wx coming I'll be spending more time on the rig. Hopefully catch up with you soon.
Sounds like propagation is improving.

73 and thanks,
Fred, W1WYC, FN42jm

----- Original Message -----
From: Fred G -w1wyc
To: V4 Chat
Sent: Sunday, November 20, 2011 9:51 AM
Subject: V4Chat vs. PSK

Looks like the twenty meter band is consumed with a PSK contest.
Not a chance for V4Chat but I'll monitor 14073.000 dial anyway.
I may not be in earshot of the rig but try a connect anyway.

Fred, W1WYC

2584. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2011-11-29 20:28:11 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2584

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 1.0.1.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 1.0.1.0 Full Install with V4 TNC and revision histories

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%201.0.1.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2585. V4Chat 1.0.1.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-11-29 20:39:40 UTC
From: kn6kb
Topic: 2585 Message: 2585

All,
Hope you all had a good Thanksgiving holiday...I enjoyed some time off and a visit with my sister.

I have uploaded an update to version 1.0.1.0. This should auto update for those with auto update enabled. The full install is posted on the Yahoo FTP as well. Generally minor but useful changes:

1) Now a "word mode" send command is available allowing a "send command" on each space. See the help and the new Setup menu. Several have asked for this and I do find it "comfortable" to send with.

2) Option to automatically send and log your qrid square on a connect. Also in the new setup menu. Checking AutosendGS will send your grid square upon an ARQ connection. This is also automatically logged into a "GRIDSQUARE" column of the ADIF log. This could be useful for contests etc. Again the updated help will explain.

Known remaining problems:
1) Problem with frequency read back on:
Early Icom's (specifically 735 and 765) basic problem is they don't seem to be adhering to the Icom CI-V commands as documented.

Yaesu Radios. I haven't been able to test this correctly yet. In process.

If you have serious problems please let me know. Be sure to enable debug logging.

I would be interested in setting up a V4 contest in the future. The auto GS logging in this new version could be used to compute points based on grid square, distance, etc.

73,

Rick KN6KB

2586. RE: [V4Protocol] V4Chat 1.0.1.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-11-29 21:31:38 UTC
From: Carl Beck
Topic: 2585 Message: 2586

Hi,

I have not been able to get V4 to work on my Elecraft K3. Do you have any suggestions. I am also new to digital so I need detailed explanations.

Carl

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kn6kb
Sent: Tuesday, November 29, 2011 2:40 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4Chat 1.0.1.0 uploaded to Yahoo FTP and auto update server

All,
Hope you all had a good Thanksgiving holiday...I enjoyed some time off and a visit with my sister.

I have uploaded an update to version 1.0.1.0. This should auto update for those with auto update enabled. The full install is posted on the Yahoo FTP as well. Generally minor but useful changes:

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Known remaining problems:
1) Problem with frequency read back on:
Early Icom's (specifically 735 and 765) basic problem is they don't seem to be adhering to the Icom CI-V commands as documented.

Yaesu Radios. I haven't been able to test this correctly yet. In process.

If you have serious problems please let me know. Be sure to enable debug logging.

I would be interested in setting up a V4 contest in the future. The auto GS logging in this new version could be used to compute points based on grid square, distance, etc.

73,

Rick KN6KB

2587. Re: [V4Protocol] V4Chat 1.0.1.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-11-30 14:33:02 UTC
From: Rick Muething
Topic: 2585 Message: 2587

Carl,
You need to be a bit more specific:
e.g.

Are you talking about playing the sound card? keying the radio? controlling the radio freq? or read back of the radio freq?
What is your setup (sound card/interface, control and keying mechanism etc.)
Are you trying to use the built in sound card...NOT recommended from almost all with any experience!
Turn on the Debug log if not already on and try and duplicate the problem. Then send the log as an attachment with observed details and time (UTC) directly to me if possible.

73,
Rick KN6KB

From: Carl Beck
Sent: Tuesday, November 29, 2011 4:31 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4Chat 1.0.1.0 uploaded to Yahoo FTP and auto update server

Hi,

I have not been able to get V4 to work on my Elecraft K3. Do you have any suggestions. I am also new to digital so I need detailed explanations.

Carl

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kn6kb
Sent: Tuesday, November 29, 2011 2:40 PM
To: V4Protocol@...m
Subject: [V4Protocol] V4Chat 1.0.1.0 uploaded to Yahoo FTP and auto update server

All,
Hope you all had a good Thanksgiving holiday...I enjoyed some time off and a visit with my sister.

I have uploaded an update to version 1.0.1.0. This should auto update for those with auto update enabled. The full install is posted on the Yahoo FTP as well. Generally minor but useful changes:

1) Now a "word mode" send command is available allowing a "send command" on each space. See the help and the new Setup menu. Several have asked for this and I do find it "comfortable" to send with.

2) Option to automatically send and log your qrid square on a connect. Also in the new setup menu. Checking AutosendGS will send your grid square upon an ARQ connection. This is

also automatically logged into a "GRIDSQUARE" column of the ADIF log. This could be useful for contests etc. Again the updated help will explain.

Known remaining problems:
1) Problem with frequency read back on:
Early Icom's (specifically 735 and 765) basic problem is they don't seem to be adhering to the Icom CI-V commands as documented.

Yaesu Radios. I haven't been able to test this correctly yet. In process.

If you have serious problems please let me know. Be sure to enable debug logging.

I would be interested in setting up a V4 contest in the future. The auto GS logging in this new version could be used to compute points based on grid square, distance, etc.

73,

Rick KN6KB

2588. Re: [V4Protocol] V4Chat 1.0.1.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-11-30 17:27:31 UTC
From: Rick Westerfield
Topic: 2585 Message: 2588

Hello Rick,

Carl lives down the street from me and I did the initial install on his station - he is new to digital modes. He has a late model computers and HRD runs fine in all aspects but both V4 Chat and RMS Express exhibit the same symptoms - no keying of the K3 radio and no rig control with either case. Both programs installed easily with no errors.

I have looked in Device Manager to see what ports to use and we are using the USB codec for his Signalink interface. So, I'm a little stumped here. His screens are virtual copies of what I am running on my station.

Hopefully, you can help us.

Another Rick - KH2DF

Sent from my iPhone

On Nov 30, 2011, at 8:33 AM, "Rick Muething" <rmuething@...> wrote:

> Carl,
> You need to be a bit more specific:
> e.g.
>
> Are you talking about playing the sound card? keying the radio? controlling the radio freq? or read back of the radio freq?
> What is your setup (sound card/interface, control and keying mechanism etc.)
> Are you trying to use the built in sound card...NOT recommended from almost all with any experience!
> Turn on the Debug log if not already on and try and duplicate the problem. Then send the log as an attachment with observed details and time (UTC) directly to me if possible.
>
> 73,
> Rick KN6KB
>
>
> From: Carl Beck
> Sent: Tuesday, November 29, 2011 4:31 PM
> To: V4Protocol@yahoogroups.com
> Subject: RE: [V4Protocol] V4Chat 1.0.1.0 uploaded to Yahoo FTP and auto update server
>
>
> Hi,
>
> I have not been able to get V4 to work on my Elecraft K3. Do you have any suggestions. I am also new to digital so I need detailed explanations.

>
>
> Carl
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kn6kb
> Sent: Tuesday, November 29, 2011 2:40 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] V4Chat 1.0.1.0 uploaded to Yahoo FTP and auto update server
>
>
>
>
> All,
> Hope you all had a good Thanksgiving holiday...I enjoyed some time off and a visit with my sister.
>
> I have uploaded an update to version 1.0.1.0. This should auto update for those with auto update enabled. The full install is posted on the Yahoo FTP as well. Generally minor but useful changes:
>
> 1) Now a "word mode" send command is available allowing a "send command" on each space. See the help and the new Setup menu. Several have asked for this and I do find it "comfortable" to send with.
>
> 2) Option to automatically send and log your qrid square on a connect. Also in the new setup menu. Checking AutosendGS will send your grid square upon an ARQ connection. This is also automatically logged into a "GRIDSQUARE" column of the ADIF log. This could be useful for contests etc. Again the updated help will explain.
>
> Known remaining problems:
> 1) Problem with frequency read back on:
> Early Icom's (specifically 735 and 765) basic problem is they don't seem to be adhering to the Icom CI-V commands as documented.
>
> Yaesu Radios. I haven't been able to test this correctly yet. In process.
>
> If you have serious problems please let me know. Be sure to enable debug logging.
>
> I would be interested in setting up a V4 contest in the future. The auto GS logging in this new version could be used to compute points based on grid square, distance, etc.
>
> 73,
>
> Rick KN6KB
>
>
>

2589. Re: [V4Protocol] V4Chat 1.0.1.0 uploaded to Yahoo FTP and auto update server

Yahoo group: V4Protocol
Date: 2011-11-30 19:07:37 UTC
From: Rick Muething
Topic: 2585 Message: 2589

Rick,
There are several ways to key the radio:
1)With a SignaLink USB use the SingnaLink releay output to drive the radio PTT
2) Use a separate dedicated RS232 port via signal DTR or RTS. (may require level shifter to key the PTT line of course)
3) Use Radio control keying (e.g. Via CAT control) via serial port. Not useable on all radios.. I don't recall off hand what the K3 uses or even if it supports CAT keying. I suspect it might use the same as the Kenwoods. One has to look into the control codes for the K3 or else try different combinations. Of course the baud rate of the control port must match the radio.
4) True VOX on the radio (requires setting up for VOX operation and minimizing VOX delay)

The help describes all 4 methods...one of which will always work. I generally prefer the SignaLink relay output to the Transceiver PTT.

Maybe someone with a K3 can comment or let us know settings that work?

Rick KN6KB

From: Rick Westerfield
Sent: Wednesday, November 30, 2011 12:27 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4Chat 1.0.1.0 uploaded to Yahoo FTP and auto update server

Hello Rick,

Carl lives down the street from me and I did the initial install on his station - he is new to digital modes. He has a late model computers and HRD runs fine in all aspects but both V4 Chat and RMS Express exhibit the same symptoms - no keying of the K3 radio and no rig control with either case. Both programs installed easily with no errors.

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Another Rick - KH2DF

Sent from my iPhone

On Nov 30, 2011, at 8:33 AM, "Rick Muething" <rmuething@...> wrote:

Carl,
You need to be a bit more specific:
e.g.

Are you talking about playing the sound card? keying the radio? controlling the radio freq? or read back of the radio freq?
What is your setup (sound card/interface, control and keying mechanism etc.)
Are you trying to use the built in sound card...NOT recommended from almost all with any experience!
Turn on the Debug log if not already on and try and duplicate the problem. Then send the log as an attachment with observed details and time (UTC) directly to me if possible.

73,
Rick KN6KB

From: Carl Beck
Sent: Tuesday, November 29, 2011 4:31 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4Chat 1.0.1.0 uploaded to Yahoo FTP and auto update server

Hi,

I have not been able to get V4 to work on my Elecraft K3. Do you have any suggestions. I am also new to digital so I need detailed explanations.

Carl

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kn6kb
Sent: Tuesday, November 29, 2011 2:40 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4Chat 1.0.1.0 uploaded to Yahoo FTP and auto update server

All,
Hope you all had a good Thanksgiving holiday...I enjoyed some time off and a visit with my sister.

I have uploaded an update to version 1.0.1.0. This should auto update for those with auto update enabled. The full install is posted on the Yahoo FTP as well. Generally minor but useful changes:

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Yaesu Radios. I haven't been able to test this correctly yet. In process.

If you have serious problems please let me know. Be sure to enable debug logging.

I would be interested in setting up a V4 contest in the future. The auto GS logging in this new version could be used to compute points based on grid square, distance, etc.

73,

Rick KN6KB

2590. ADIF

Yahoo group: V4Protocol
Date: 2011-12-01 15:38:02 UTC
From: w4wxa
Topic: 2590 Message: 2590

Hello all
Happy to see that:
"Proposed Version 3.0.0, updated 2011-11-30 by AA6YQ"
contains V4 as a mode.
The proposed version has been posted for comments and coordination.
73 de Tom, W4WXA

2591. Re: [V4Protocol] ADIF

Yahoo group: V4Protocol
Date: 2011-12-01 18:02:03 UTC
From: Rick Muething
Topic: 2590 Message: 2591

All,

Glad to see my request for inclusion of “V4” as a recognized ADIF mode was accepted.

The next V4Chat release will include a slight modification of the ADIF header indicating it is 3.00 compliant and include information on the program and version generating it along with the STATION_CALLSIGN field as suggested in ADIF 3.0.0.

I have not yet heard any reports or problems on the automatic (if Autosend GS is checked in the Setup menu) sending and logging of the local grid square in Version 1.0.1.0. When checked this should generate an automatic entry into the ADIF log of the GRIDSQUARE parameter at the receiving end. The intent is this will make it easy to process the ADIF log for contests etc.

Rick KN6KB

2592. Linux Port?

Yahoo group: V4Protocol
Date: 2011-12-01 21:53:02 UTC
From: Rick Muething
Topic: 2592 Message: 2592

All,

I am still interested in supporting/encouraging a port of the V4 TNC and possibly V4Chat to Linux. I will send the Microsoft VB.NET 2010 source with the only requirement being it must not be released for commercial purposes. I have had some interest in this effort but no real indication of solid progress...It is definitely not a 2 weekend project!

Some thoughts and requirements:
The Mono utility http://www.mono-project.com/Main_Page may be able to help with some of the translation to Linux but there are some possible difficult areas:
1) The .NET version uses MS Direct X and Direct Sound to setup and control the sound card. Those will not likely translate so you will have to generate the following for Linux:
a) Enumerate the installed Sound capture and Playback devices
b) Setup the sound capture device to 48000 sample/sec, monophonic, 16 bits/sample
c) Setup a playback mechanism (12000 samples/sec, 16 bit mono) with a .wav file or (preferred) .wav stream (basically a FIFO .wav file in RAM)

2) There is some tight timing constraints requiring multiple threads and fairly accurate timing (10s of ms)
3) You will need to implement the current third party TCP controls (now nSoftware IPWorks) probably using native Linux client/server TCP ports.
4) The client program will need to control the radio PTT and possibly radio control if all functionality of V4 Chat is desired. Reliance on existing radio control programs will probably not work due to tight timing constraints of PTT apply and release.

The Linux version should be tested against the Windows version (developing some standardized test suite) to insure compatibility with the Windows version and the proper implementation of the V4 Protocol.

The Linux version needs to be documented. Help, user docs, etc.

The Linux version needs to be supported (user questions, updates, enhancements etc.)

As I said I will offer to help, explain and coach but I don’t have the Linux experience, time or resources to do the port and support it myself. If I had to guess I would say one is looking at an effort in the range of 2-4 man months of work providing they are reasonably Linux proficient and know how to do multi threading with real time constraints. If you are serious about such an effort and commitment contact me directly at rmuethingATcfl.rr.com.

73,

Rick KN6KB

2593. 21.073 usb

Yahoo group: V4Protocol
Date: 2011-12-09 12:54:12 UTC
From: gerard
Topic: 2593 Message: 2593

I am monitoring 21.073.00 usb and available for V4 (1253 gmt)

2594. Re: [V4Protocol] 21.073 usb

Yahoo group: V4Protocol
Date: 2011-12-09 15:26:15 UTC
From: Fred G -w1wyc
Topic: 2593 Message: 2594

Gerard,

No call sign ??

Fred, W1WYC

----- Original Message -----
From: gerard
To: V4Protocol@yahoogroups.com
Sent: Friday, December 09, 2011 7:54 AM
Subject: [V4Protocol] 21.073 usb

I am monitoring 21.073.00 usb and available for V4 (1253 gmt)

2595. MemSet590 -- Managing TS-590S memory settings with a spreadsheet

Yahoo group: V4Protocol
Date: 2011-12-09 19:41:16 UTC
From: Ian Wade G3NRW
Topic: 2595 Message: 2595

The memories in the Kenwood TS-590S can be very useful in all kinds of operational situations, but setting them up through the front panel can be a slow process -- after a dozen or so, you rapidly lose the will to live!

Well, when writing some Excel VBA code recently to handle serial I/O ports, it occurred to me that it should be possible to communicate between the radio and an Excel spreadsheet. The result is MemSet590.

With MemSet590, you can set up an Excel spreadsheet with the settings for all the 110 memories in the radio, then click on the Upload button to transfer these settings to the radio. In the opposite direction, you can click on the Download button, to transfer all the radio's memory settings to the spreadsheet.

Working with the spreadsheet is very simple. No knowledge of Excel is required -- you simply fill out the boxes. You will choose most of the settings through dropdown lists, so very little typing is necessary. There is comprehensive error checking to make sure you don't attempt to upload invalid data to the radio. Also, you can print out the spreadsheet on a couple of sheets of paper, to give you a hardcopy record of all the settings.

MemSet590 is a .XLS program that runs under Microsoft Excel. To install the program:
~~~~~~
1. Create a dedicated folder on your PC -- for example, C:\MemSet590.

2. Go to the TS-590S Resources Page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

3. Scroll down to the "TOOLS" section, then click on the "MemSet590" link, to download the MemSet590 zip file.

4. Unzip this file into your dedicated folder. This folder will now contain a .PDF documentation file and the MemSet590 .XLS file.

5. Read the .PDF documentation for an explanation of how to run the program.
~~~~~~

MemSet590 isn't a program that you will run very often, but when you need it, it will save a large amount of time and effort. I hope you find it useful.

(And it has arrived just in time for U.S. users to set up their new 60m channel allocations!)

(And just what you need for V4!)

P.S. I am now working on a version of the program for the Kenwood TS-2000. Unfortunately I don't have access to a 2000 at the moment, so I will be looking for some beta testers who do have the hardware. If you would like to help, please contact me off list: g3nrw-radio@...

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

2596. Re: [V4Protocol] 21.073 usb

Yahoo group: V4Protocol
Date: 2011-12-09 22:26:31 UTC
From: Ed Woods WD9DVA
Topic: 2593 Message: 2596

JUST PUT A CQ AND SEE WHO COMES BACK. 73 ED WD9DVA
----- Original Message -----
From: Fred G -w1wyc
To: V4Protocol@yahoogroups.com
Sent: Friday, December 09, 2011 15:26
Subject: Re: [V4Protocol] 21.073 usb

Gerard,

No call sign ??

Fred, W1WYC

----- Original Message -----
From: gerard
To: V4Protocol@yahoogroups.com
Sent: Friday, December 09, 2011 7:54 AM
Subject: [V4Protocol] 21.073 usb

I am monitoring 21.073.00 usb and available for V4 (1253 gmt)

2597. 30m - where?

Yahoo group: V4Protocol
Date: 2011-12-10 00:38:12 UTC
From: Tomas Hood
Topic: 2597 Message: 2597

I am on 30m this evening and would like to try out this mode; I as of yet have not had any contacts. Where on 30m should I be and should I be in ARQ mode? I'm so new to this!

Thanks...

--
Tomas David Hood (Amateur Radio, NW7US)
<http://NW7US.us/>

Contributing editor, Propagation Column:
 CQ Magazine, CQ VHF, Popular Communications

Space Weather: <http://sunspotwatch.com/>

Twitter Space WX : @hfradiospacewx
Twitter NW7US : @NW7US

Linux User #32405 - Since 1996

2598. Re: [V4Protocol] 30m - where?

Yahoo group: V4Protocol
Date: 2011-12-10 00:41:33 UTC
From: Dick Lamberson
Topic: 2597 Message: 2598

try 10131khz - i'm on there or will be in about two minutes - maybe you can hear me.
73
Dick, W4WEB
----- Original Message -----
From: Tomas Hood
To: V4Protocol@yahoogroups.com
Sent: Friday, December 09, 2011 7:38 PM
Subject: [V4Protocol] 30m - where?

I am on 30m this evening and would like to try out this mode; I as of
yet have not had any contacts. Where on 30m should I be and should I
be in ARQ mode? I'm so new to this!

Thanks...

--
Tomas David Hood (Amateur Radio, NW7US)
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Twitter NW7US : @NW7US

Linux User #32405 - Since 1996

2599. Re: [V4Protocol] 30m - where?

Yahoo group: V4Protocol
Date: 2011-12-10 01:52:59 UTC
From: Tomas Hood
Topic: 2597 Message: 2599

I just saw this message - urg. Sorry. Will you still be around?

On Fri, Dec 9, 2011 at 5:41 PM, Dick Lamberson <w4web@...> wrote:

> **
>
>
> **
> try 10131khz - i'm on there or will be in about two minutes - maybe you
> can hear me.
> 73
> Dick, W4WEB
>
> ----- Original Message -----
> *From:* Tomas Hood <nw7us.heliophile@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Friday, December 09, 2011 7:38 PM
> *Subject:* [V4Protocol] 30m - where?
>
>
>
> I am on 30m this evening and would like to try out this mode; I as of
> yet have not had any contacts. Where on 30m should I be and should I
> be in ARQ mode? I'm so new to this!
>
> Thanks...
>
> --
> Tomas David Hood (Amateur Radio, NW7US)
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> Linux User #32405 - Since 1996
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Linux User #32405 - Since 1996

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OR OTHERWISE DISSEMINATE IT OR ITS CONTENT

2600. Re: [V4Protocol] 30m - where?

Yahoo group: V4Protocol
Date: 2011-12-10 01:57:53 UTC
From: Tomas Hood
Topic: 2597 Message: 2600

Also - since I am diving in here... I have some questions.

I assume that I should be in USB. I assume that when you say to be at 10.131, that is my DIAL frequency. That the program will default to the proper place (10.13250, or as it is displaying, CF: 10132.500).

It is in ARQ mode by default. Do I just stay in that mode? I've never found another signal to decode, so I am not sure what to do.

Thanks.

On Fri, Dec 9, 2011 at 5:41 PM, Dick Lamberson <w4web@...> wrote:

> **
>
>
> **
> try 10131khz - i'm on there or will be in about two minutes - maybe you
> can hear me.
> 73
> Dick, W4WEB
>
> ----- Original Message -----
> *From:* Tomas Hood <nw7us.heliophile@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Friday, December 09, 2011 7:38 PM
> *Subject:* [V4Protocol] 30m - where?
>
> I am on 30m this evening and would like to try out this mode; I as of
> yet have not had any contacts. Where on 30m should I be and should I
> be in ARQ mode? I'm so new to this!
>
> Thanks...
>
>
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2601. Re: [V4Protocol] 30m - where?

Yahoo group: V4Protocol
Date: 2011-12-10 02:23:51 UTC
From: Ed Woods WD9DVA
Topic: 2597 Message: 2601

or 10136 131 gets hammered with becons and cw. Ed WD9DVA
----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 10, 2011 00:41
Subject: Re: [V4Protocol] 30m - where?

try 10131khz - i'm on there or will be in about two minutes - maybe you can hear me.
73
Dick, W4WEB
----- Original Message -----
From: Tomas Hood
To: V4Protocol@yahoogroups.com
Sent: Friday, December 09, 2011 7:38 PM
Subject: [V4Protocol] 30m - where?

I am on 30m this evening and would like to try out this mode; I as of
yet have not had any contacts. Where on 30m should I be and should I
be in ARQ mode? I'm so new to this!

Thanks...

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2602. Re: [V4Protocol] 21.073 usb

Yahoo group: V4Protocol
Date: 2011-12-10 02:53:22 UTC
From: Peter Martinsen
Topic: 2593 Message: 2602

7070,00 usb dial – now

73 de Peter OZ1PMX

2603. Re: [V4Protocol] 21.073 usb

Yahoo group: V4Protocol
Date: 2011-12-10 05:01:56 UTC
From: Ed Woods WD9DVA
Topic: 2593 Message: 2603

Peter stateside they're on 7073 USB. 73 Ed WD9DVA
----- Original Message -----
From: Peter Martinsen
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 10, 2011 02:53
Subject: Re: [V4Protocol] 21.073 usb

7070,00 usb dial – now

73 de Peter OZ1PMX

2604. Re: [V4Protocol] 30m - where?

Yahoo group: V4Protocol
Date: 2011-12-10 06:04:12 UTC
From: Ian Wade G3NRW
Topic: 2597 Message: 2604

___Original Message_____________________________________
From: Tomas Hood <nw7us.heliophile@...>
Date: Fri, 9 Dec 2011 Time: 17:38:12

>I am on 30m this evening and would like to try out this mode; I as of
>yet have not had any contacts. Where on 30m should I be and should I
>be in ARQ mode? I'm so new to this!
>
>Thanks...
>

Tomas

The two frequencies usually used on 30m for V4 are 10.131 MHz and 10.136 MHz. These are dial frequencies, USB.

There are some beacons that operate around these frequencies, but they are far enough away from the V4 signal not to cause any problems.

See the 30m Band Utilization Chart at:

http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

Click on "Download the latest PDF version......" for the full picture.

--
73
Ian, G3NRW

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

2605. Re: [V4Protocol] 30m - where?

Yahoo group: V4Protocol
Date: 2011-12-10 06:58:30 UTC
From: Tomas Hood
Topic: 2597 Message: 2605

Ian:

Later, today, I will switch back to 20m (I can only use 30m and 20m, due to antenna and RFI issues). What is the 20m frequency used to V4? I monitored all evening on 30m and did not see anything. I still don't know if I should be in ARQ or FEC mode when monitoring.

Thanks.

On Fri, Dec 9, 2011 at 11:04 PM, Ian Wade G3NRW <g3nrw-radio@...>wrote:

**
> Tomas
>
> The two frequencies usually used on 30m for V4 are 10.131 MHz and 10.136
> MHz. These are dial frequencies, USB.
>

--
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2606. Re: [V4Protocol] 21.073 usb

Yahoo group: V4Protocol
Date: 2011-12-10 07:40:47 UTC
From: Peter Martinsen
Topic: 2593 Message: 2606
Attachments: 1 described; binary payloads are missing from this source WARC

tnx

From: Ed Woods WD9DVA
Sent: Saturday, December 10, 2011 6:01 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] 21.073 usb

□

Peter stateside they're on 7073 USB. 73 Ed WD9DVA
----- Original Message -----
From: Peter Martinsen
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 10, 2011 02:53
Subject: Re: [V4Protocol] 21.073 usb

7070,00 usb dial – now

73 de Peter OZ1PMX

2607. Re: [V4Protocol] 30m - where?

Yahoo group: V4Protocol
Date: 2011-12-10 14:08:03 UTC
From: Rick Muething
Topic: 2597 Message: 2607

Thomas,

As described in the HELP the monitoring (when unconnected) functions of V4Chat are exactly the same in FEC and ARQ modes. Once connected (ARQ mode) monitoring is disabled and only connected (error free/corrected) data is displayed. For most users seeking and using 2 way (as opposed to NET operation) ARQ mode is easier since it requires no mode switching to monitor or connect.

Rick KN6KB

From: Tomas Hood
Sent: Saturday, December 10, 2011 1:58 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] 30m - where?

Ian:

Later, today, I will switch back to 20m (I can only use 30m and 20m, due to antenna and RFI issues). What is the 20m frequency used to V4? I monitored all evening on 30m and did not see anything. I still don't know if I should be in ARQ or FEC mode when monitoring.

Thanks.

On Fri, Dec 9, 2011 at 11:04 PM, Ian Wade G3NRW <g3nrw-radio@ntlworld.com> wrote:

Tomas

The two frequencies usually used on 30m for V4 are 10.131 MHz and 10.136
MHz. These are dial frequencies, USB.

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2608. 20m 14.073 dial - hope to try V4chat, today

Yahoo group: V4Protocol
Date: 2011-12-10 19:54:17 UTC
From: NW7US
Topic: 2608 Message: 2608

I will be monitoring 14.073 dial frequency, CF: 14074.500, USB, today, hoping to catch someone on V4. I've not yet found anyone on this mode. I'm hoping to try this mode and see for myself what it is like. I'm interested in perhaps writing about it in my CQ Propagation column (or perhaps in PopComm). I suspect that it would be helpful to drum up some activity. One of the issued I am having is that the Help documentation does not indicate any frequencies suggested for where people ought to tune on each of the bands. And, searching the messages is not as forth-coming as one would expect...

Here's to hoping...

73 de NW7US

2609. Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today

Yahoo group: V4Protocol
Date: 2011-12-10 21:04:27 UTC
From: Dick Lamberson
Topic: 2608 Message: 2609

I've been calling you for several minutes - but no response... Could you have something set up incorrectly?
Just wondering?
73
Dick
14073.00 dial

----- Original Message -----
From: NW7US
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 10, 2011 2:54 PM
Subject: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today

I will be monitoring 14.073 dial frequency, CF: 14074.500, USB, today, hoping to catch someone on V4. I've not yet found anyone on this mode. I'm hoping to try this mode and see for myself what it is like. I'm interested in perhaps writing about it in my CQ Propagation column (or perhaps in PopComm). I suspect that it would be helpful to drum up some activity. One of the issued I am having is that the Help documentation does not indicate any frequencies suggested for where people ought to tune on each of the bands. And, searching the messages is not as forth-coming as one would expect...

Here's to hoping...

73 de NW7US

2610. Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today

Yahoo group: V4Protocol
Date: 2011-12-10 21:05:40 UTC
From: ted world
Topic: 2608 Message: 2610

I'll be on in 2 minutes

On Sat, Dec 10, 2011 at 3:04 PM, Dick Lamberson <w4web@...> wrote:

> **
>
>
> **
> I've been calling you for several minutes - but no response... Could you
> have something set up incorrectly?
> Just wondering?
> 73
> Dick
> 14073.00 dial
>
>
>
> ----- Original Message -----
> *From:* NW7US <nw7us.heliophile@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Saturday, December 10, 2011 2:54 PM
> *Subject:* [V4Protocol] 20m 14.073 dial - hope to try V4chat, today
>
>
>
> I will be monitoring 14.073 dial frequency, CF: 14074.500, USB, today,
> hoping to catch someone on V4. I've not yet found anyone on this mode. I'm
> hoping to try this mode and see for myself what it is like. I'm interested
> in perhaps writing about it in my CQ Propagation column (or perhaps in
> PopComm). I suspect that it would be helpful to drum up some activity. One
> of the issued I am having is that the Help documentation does not indicate
> any frequencies suggested for where people ought to tune on each of the
> bands. And, searching the messages is not as forth-coming as one would
> expect...
>
> Here's to hoping...
>
> 73 de NW7US
>
>
>

2611. Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today

Yahoo group: V4Protocol
Date: 2011-12-10 21:09:10 UTC
From: Fred G -w1wyc
Topic: 2608 Message: 2611

Yuh Dick,

I tried calling Tomas about 2030Z and no response of course I'm in New England and he's in Montana, maybe propagation isn't good.

Fred, W1WYC

----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 10, 2011 4:04 PM
Subject: Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today

I've been calling you for several minutes - but no response... Could you have something set up incorrectly?
Just wondering?
73
Dick
14073.00 dial

----- Original Message -----
From: NW7US
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 10, 2011 2:54 PM
Subject: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today

I will be monitoring 14.073 dial frequency, CF: 14074.500, USB, today, hoping to catch someone on V4. I've not yet found anyone on this mode. I'm hoping to try this mode and see for myself what it is like. I'm interested in perhaps writing about it in my CQ Propagation column (or perhaps in PopComm). I suspect that it would be helpful to drum up some activity. One of the issued I am having is that the Help documentation does not indicate any frequencies suggested for where people ought to tune on each of the bands. And, searching the messages is not as forth-coming as one would expect...

Here's to hoping...

73 de NW7US

2612. Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today

Yahoo group: V4Protocol
Date: 2011-12-10 21:13:46 UTC
From: Dick Lamberson
Topic: 2608 Message: 2612

I finally got his station and left him my name, qth and rig stuff - but he was not at the keyboard...
Thanks,
Dick

----- Original Message -----
From: Fred G -w1wyc
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 10, 2011 4:09 PM
Subject: Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today

Yuh Dick,

I tried calling Tomas about 2030Z and no response of course I'm in New England and he's in Montana, maybe propagation isn't good.

Fred, W1WYC

----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 10, 2011 4:04 PM
Subject: Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today

I've been calling you for several minutes - but no response... Could you have something set up incorrectly?
Just wondering?
73
Dick
14073.00 dial

----- Original Message -----
From: NW7US
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 10, 2011 2:54 PM
Subject: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today

I will be monitoring 14.073 dial frequency, CF: 14074.500, USB, today, hoping to catch someone on V4. I've not yet found anyone on this mode. I'm hoping to try this mode and see for myself what it is like. I'm interested in perhaps writing about it in my CQ Propagation column (or perhaps in PopComm). I suspect that it would be helpful to drum up some activity. One of the issued I am having is that the Help documentation does not indicate any frequencies suggested for where people ought to tune on each of the bands. And, searching the messages is not as forth-coming as one would expect...

Here's to hoping...

73 de NW7US

2613. Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today

Yahoo group: V4Protocol
Date: 2011-12-10 21:53:19 UTC
From: ted world
Topic: 2608 Message: 2613

I get connected but then nothing

On Sat, Dec 10, 2011 at 3:13 PM, Dick Lamberson <w4web@...> wrote:

> **
>
>
> **
> I finally got his station and left him my name, qth and rig stuff - but he
> was not at the keyboard...
> Thanks,
> Dick
>
>
> ----- Original Message -----
> *From:* Fred G -w1wyc <f_garside@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Saturday, December 10, 2011 4:09 PM
> *Subject:* Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today
>
>
>
> Yuh Dick,
>
> I tried calling Tomas about 2030Z and no response of course I'm in New
> England and he's in Montana, maybe propagation isn't good.
>
> Fred, W1WYC
>
>
> ----- Original Message -----
> *From:* Dick Lamberson <w4web@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Saturday, December 10, 2011 4:04 PM
> *Subject:* Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today
>
>
>
> I've been calling you for several minutes - but no response... Could you
> have something set up incorrectly?
> Just wondering?
> 73
> Dick
> 14073.00 dial
>

>
>
> ----- Original Message -----
> *From:* NW7US <nw7us.heliophile@gmail.com>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Saturday, December 10, 2011 2:54 PM
> *Subject:* [V4Protocol] 20m 14.073 dial - hope to try V4chat, today
>
>
>
> I will be monitoring 14.073 dial frequency, CF: 14074.500, USB, today,
> hoping to catch someone on V4. I've not yet found anyone on this mode. I'm
> hoping to try this mode and see for myself what it is like. I'm interested
> in perhaps writing about it in my CQ Propagation column (or perhaps in
> PopComm). I suspect that it would be helpful to drum up some activity. One
> of the issued I am having is that the Help documentation does not indicate
> any frequencies suggested for where people ought to tune on each of the
> bands. And, searching the messages is not as forth-coming as one would
> expect...
>
> Here's to hoping...
>
> 73 de NW7US
>
>
>

2614. Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today

Yahoo group: V4Protocol
Date: 2011-12-10 23:12:45 UTC
From: Tomas Hood
Topic: 2608 Message: 2614

I was away from the computer screen. I am there now. I can now connect if called.

On Sat, Dec 10, 2011 at 2:53 PM, ted world <kc5nyj@...> wrote:

> **
>
>
> I get connected but then nothing
>
>
> On Sat, Dec 10, 2011 at 3:13 PM, Dick Lamberson <w4web@...> wrote:
>
>> **
>>
>>
>> **
>> I finally got his station and left him my name, qth and rig stuff - but
>> he was not at the keyboard...
>> Thanks,
>> Dick
>>
>>
>> ----- Original Message -----
>> *From:* Fred G -w1wyc <f_garside@...>
>> *To:* V4Protocol@yahoogroups.com
>> *Sent:* Saturday, December 10, 2011 4:09 PM
>> *Subject:* Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today
>>
>>
>>
>> Yuh Dick,
>>
>> I tried calling Tomas about 2030Z and no response of course I'm in New
>> England and he's in Montana, maybe propagation isn't good.
>>
>> Fred, W1WYC
>>
>>
>> ----- Original Message -----
>> *From:* Dick Lamberson <w4web@...>
>> *To:* V4Protocol@yahoogroups.com
>> *Sent:* Saturday, December 10, 2011 4:04 PM
>> *Subject:* Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today
>>

>>
>>
>> I've been calling you for several minutes - but no response... Could you
>> have something set up incorrectly?
>> Just wondering?
>> 73
>> Dick
>> 14073.00 dial
>>
>>
>>
>> ----- Original Message -----
>> *From:* NW7US <nw7us.heliophile@...>
>> *To:* V4Protocol@yahoogroups.com
>> *Sent:* Saturday, December 10, 2011 2:54 PM
>> *Subject:* [V4Protocol] 20m 14.073 dial - hope to try V4chat, today
>>
>>
>>
>> I will be monitoring 14.073 dial frequency, CF: 14074.500, USB, today,
>> hoping to catch someone on V4. I've not yet found anyone on this mode. I'm
>> hoping to try this mode and see for myself what it is like. I'm interested
>> in perhaps writing about it in my CQ Propagation column (or perhaps in
>> PopComm). I suspect that it would be helpful to drum up some activity. One
>> of the issued I am having is that the Help documentation does not indicate
>> any frequencies suggested for where people ought to tune on each of the
>> bands. And, searching the messages is not as forth-coming as one would
>> expect...
>>
>> Here's to hoping...
>>
>> 73 de NW7US
>>
>>
>
>

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2615. Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today

Yahoo group: V4Protocol
Date: 2011-12-10 23:18:43 UTC
From: Tomas Hood
Topic: 2608 Message: 2615

I hear someone calling, and it shows busy; I have reduced the squelch, but now it is not decoding any text. Before, it was decoding (while I was not here in person). So I think the signal I am picking up is not strong enough??

On Sat, Dec 10, 2011 at 4:12 PM, Tomas Hood <nw7us.heliophile@...m>wrote:

> I was away from the computer screen. I am there now. I can now connect
> if called.
>
>
> On Sat, Dec 10, 2011 at 2:53 PM, ted world <kc5nyj@...> wrote:
>
>> **
>>
>>
>> I get connected but then nothing
>>
>>
>> On Sat, Dec 10, 2011 at 3:13 PM, Dick Lamberson <w4web@...> wrote:
>>
>>> **
>>>
>>>
>>> **
>>> I finally got his station and left him my name, qth and rig stuff - but
>>> he was not at the keyboard...
>>> Thanks,
>>> Dick
>>>
>>>
>>> ----- Original Message -----
>>> *From:* Fred G -w1wyc <f_garside@...>
>>> *To:* V4Protocol@yahoogroups.com
>>> *Sent:* Saturday, December 10, 2011 4:09 PM
>>> *Subject:* Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today
>>>
>>>
>>>
>>> Yuh Dick,
>>>
>>> I tried calling Tomas about 2030Z and no response of course I'm in New
>>> England and he's in Montana, maybe propagation isn't good.
>>>
>>> Fred, W1WYC

>>>
>>>
>>> ----- Original Message -----
>>> *From:* Dick Lamberson <w4web@...>
>>> *To:* V4Protocol@yahoogroups.com
>>> *Sent:* Saturday, December 10, 2011 4:04 PM
>>> *Subject:* Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today
>>>
>>>
>>>
>>> I've been calling you for several minutes - but no response... Could you
>>> have something set up incorrectly?
>>> Just wondering?
>>> 73
>>> Dick
>>> 14073.00 dial
>>>
>>>
>>>
>>> ----- Original Message -----
>>> *From:* NW7US <nw7us.heliophile@...>
>>> *To:* V4Protocol@yahoogroups.com
>>> *Sent:* Saturday, December 10, 2011 2:54 PM
>>> *Subject:* [V4Protocol] 20m 14.073 dial - hope to try V4chat, today
>>>
>>>
>>>
>>> I will be monitoring 14.073 dial frequency, CF: 14074.500, USB, today,
>>> hoping to catch someone on V4. I've not yet found anyone on this mode. I'm
>>> hoping to try this mode and see for myself what it is like. I'm interested
>>> in perhaps writing about it in my CQ Propagation column (or perhaps in
>>> PopComm). I suspect that it would be helpful to drum up some activity. One
>>> of the issued I am having is that the Help documentation does not indicate
>>> any frequencies suggested for where people ought to tune on each of the
>>> bands. And, searching the messages is not as forth-coming as one would
>>> expect...
>>>
>>> Here's to hoping...
>>>
>>> 73 de NW7US
>>>
>>>
>>
>>
>
>
>
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> Tomas David Hood (Amateur Radio, NW7US)
> <http://NW7US.us/>

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2616. Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today

Yahoo group: V4Protocol
Date: 2011-12-10 23:20:11 UTC
From: Tomas Hood
Topic: 2608 Message: 2616

OK, that time, it decoded KJ5XF, so I called ARQ back to KJ5XF - but the signal coming back faded again.

On Sat, Dec 10, 2011 at 4:18 PM, Tomas Hood <nw7us.heliophile@...>wrote:

> I hear someone calling, and it shows busy; I have reduced the squelch, but
> now it is not decoding any text. Before, it was decoding (while I was not
> here in person). So I think the signal I am picking up is not strong
> enough??
>
>
> On Sat, Dec 10, 2011 at 4:12 PM, Tomas Hood <nw7us.heliophile@...>wrote:
>
>> I was away from the computer screen. I am there now. I can now connect
>> if called.
>>
>>
>> On Sat, Dec 10, 2011 at 2:53 PM, ted world <kc5nyj@...> wrote:
>>
>>> **
>>>
>>>
>>> I get connected but then nothing
>>>
>>>
>>> On Sat, Dec 10, 2011 at 3:13 PM, Dick Lamberson <w4web@...> wrote:
>>>
>>>> **
>>>>
>>>>
>>>> **
>>>> I finally got his station and left him my name, qth and rig stuff - but
>>>> he was not at the keyboard...
>>>> Thanks,
>>>> Dick
>>>>
>>>>
>>>> ----- Original Message -----
>>>> *From:* Fred G -w1wyc <f_garside@...>
>>>> *To:* V4Protocol@yahoogroups.com
>>>> *Sent:* Saturday, December 10, 2011 4:09 PM
>>>> *Subject:* Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today
>>>>
>>>>
>>>>

>>>> Yuh Dick,
>>>>
>>>> I tried calling Tomas about 2030Z and no response of course I'm in New
>>>> England and he's in Montana, maybe propagation isn't good.
>>>>
>>>> Fred, W1WYC
>>>>
>>>>
>>>> ----- Original Message -----
>>>> *From:* Dick Lamberson <w4web@...>
>>>> *To:* V4Protocol@yahoogroups.com
>>>> *Sent:* Saturday, December 10, 2011 4:04 PM
>>>> *Subject:* Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today
>>>>
>>>>
>>>>
>>>> I've been calling you for several minutes - but no response... Could
>>>> you have something set up incorrectly?
>>>> Just wondering?
>>>> 73
>>>> Dick
>>>> 14073.00 dial
>>>>
>>>>
>>>>
>>>> ----- Original Message -----
>>>> *From:* NW7US <nw7us.heliophile@...>
>>>> *To:* V4Protocol@yahoogroups.com
>>>> *Sent:* Saturday, December 10, 2011 2:54 PM
>>>> *Subject:* [V4Protocol] 20m 14.073 dial - hope to try V4chat, today
>>>>
>>>>
>>>>
>>>> I will be monitoring 14.073 dial frequency, CF: 14074.500, USB, today,
>>>> hoping to catch someone on V4. I've not yet found anyone on this mode. I'm
>>>> hoping to try this mode and see for myself what it is like. I'm interested
>>>> in perhaps writing about it in my CQ Propagation column (or perhaps in
>>>> PopComm). I suspect that it would be helpful to drum up some activity. One
>>>> of the issued I am having is that the Help documentation does not indicate
>>>> any frequencies suggested for where people ought to tune on each of the
>>>> bands. And, searching the messages is not as forth-coming as one would
>>>> expect...
>>>>
>>>> Here's to hoping...
>>>>
>>>> 73 de NW7US
>>>>
>>>>
>>>
>>>

>>
>>
>>
>> --
>> Tomas David Hood (Amateur Radio, NW7US)
>> <http://NW7US.us/>
>>
>> Contributing editor, Propagation Column:
>> CQ Magazine, CQ VHF, Popular Communications
>>
>> Space Weather: <http://sunspotwatch.com/>
>>
>> Twitter Space WX : @hfradiospacewx
>> Twitter NW7US : @NW7US
>> Twitter my music: @TomasMusic
>>
>> Linux User #32405 - Since 1996
>>
>> The information contained in this communication is confidential,
>> proprietary, and intended for the addressee(s). If you are not the
>> intended recipient, you are hereby notified that any disclosure,
>> dissemination, distribution or copying of the communication, or
>> unauthorized use is strictly prohibited. If you are not the intended
>> recipient, please delete this message and DO NOT ACT UPON, FORWARD, COPY,
>> OR OTHERWISE DISSEMINATE IT OR ITS CONTENT
>>
>>
>
>
> --
> Tomas David Hood (Amateur Radio, NW7US)
> <http://NW7US.us/>
>
> Contributing editor, Propagation Column:
> CQ Magazine, CQ VHF, Popular Communications
>
> Space Weather: <http://sunspotwatch.com/>
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> OR OTHERWISE DISSEMINATE IT OR ITS CONTENT
>
>

--
Tomas David Hood (Amateur Radio, NW7US)
<http://NW7US.us/>

Contributing editor, Propagation Column:
CQ Magazine, CQ VHF, Popular Communications

Space Weather: <http://sunspotwatch.com/>

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Linux User #32405 - Since 1996

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intended recipient, you are hereby notified that any disclosure,
dissemination, distribution or copying of the communication, or
unauthorized use is strictly prohibited. If you are not the intended
recipient, please delete this message and DO NOT ACT UPON, FORWARD, COPY,
OR OTHERWISE DISSEMINATE IT OR ITS CONTENT

2617. Re: [V4Protocol] 20m 14.073 dial - hope to try V4chat, today

Yahoo group: V4Protocol
Date: 2011-12-10 23:45:29 UTC
From: Tomas Hood
Topic: 2608 Message: 2617

So, KJ5XF - score was 14, sometimes 27, S/N dB:-20 and we just got disconnected. The QSB fade is slow and deep. I am running about 60w. It does look like a great mode but I think it needs more reliable (less fading on) conditions.

--
Tomas David Hood (Amateur Radio, NW7US)
<http://NW7US.us/>

Contributing editor, Propagation Column:
CQ Magazine, CQ VHF, Popular Communications

Space Weather: <http://sunspotwatch.com/>

Twitter Space WX : @hfradiospacewx
Twitter NW7US : @NW7US

Linux User #32405 - Since 1996

2618. Re: 20m 14.073 dial - hope to try V4chat, today

Yahoo group: V4Protocol
Date: 2011-12-11 16:06:53 UTC
From: kb3cs
Topic: 2608 Message: 2618

it's cool you guys are attempting an online meta-chat about your QSO attempts, but i really think there are better-suited real-time online communications mechanisms:

1. the K3UK sked page
- http://www.obriensweb.com/sked/index.php?board=digitalradio
or
- http://www.obriensweb.com/sked/index.php?board=lotw

2. IRC irc://chat.freenode.net/##hamradio

(3., 4. and so on .. AOL chat, Echolink, N3GLV's voipqso.com, ..)

have fun!

--- In V4Protocol@yahoogroups.com, Tomas Hood <nw7us.heliophile@...> wrote:
>
> So, KJ5XF - score was 14, sometimes 27, S/N dB:-20 and we just got
> disconnected. The QSB fade is slow and deep. I am running about 60w. It
> does look like a great mode but I think it needs more reliable (less fading
> on) conditions.
>
>
>
> --
> Tomas David Hood (Amateur Radio, NW7US)
> <http://NW7US.us/>
>
> Contributing editor, Propagation Column:
> CQ Magazine, CQ VHF, Popular Communications
>
> Space Weather: <http://sunspotwatch.com/>
>
> Twitter Space WX : @hfradiospacewx
> Twitter NW7US : @NW7US
>
> Linux User #32405 - Since 1996
>

2619. V4 and V4Chat in 2011

Yahoo group: V4Protocol
Date: 2011-12-11 16:23:19 UTC
From: Rick Muething
Topic: 2608 Message: 2619

Thomas/All,

Thanks for the feedback.

I think it is important to look back over the last year and comment on some things about V4 and V4 chat, where we are in the development and what we have accomplished this past year since we started alpha testing.

1) V4 is the actual protocol. It's documented, can run ARQ or FEC modes and is generally useable down to a level of about −5 to −8 dB S/N (based on the standard 3 KHz Noise bandwidth) over most channels including poor multipath.

2) The V4 TNC is a "helper" program that implements the Virtual V4 TNC...essentially creating the equivalent of a hardware TNC using the V4 TNC software and a common PC sound card. The V4 TNC is set up to be able to be easily used by other programs (V4Chat is one example).

3) V4Chat is the client. It implements all the user interface and text functionality. It determines how you type to send, what and how data is displayed, how you call and answer CQs, the timeouts, radio control, logging, etc. It uses the V4 TNC but any other client could also use the V4 TNC and implement a different user interface. There is no "right" or perfect GUI and V4Chat tries to accommodate most user preferences while keeping things fairly easy to set up and operate (always a challenge!) . What you see now is the result of over a year of Alpha/Beta testing and user feedback...the task is really never done and I am always open to thoughtful suggestions for improvement.

4) It is important I think to understand and maintain the differences between a keyboard oriented protocol and client (one that is normally manned at each end) and what I'll call a message protocol/client where messages are sent and stored and usually at least one end (the server) is unattended. Both those have their uses and fans but it can be difficult or inefficient to make one program do both. For example The V4 TNC could be used in either a simple message system or in a keyboard oriented program like V4Chat but it is difficult, and can be inefficient and confusing to try and do both in one client. There are already a number of message based Clients/Servers that use sound card modes like WINMOR (RMS Express, BPQ32 etc.) ...I don't know that we need any others for the V4 protocol.

5) I want to add some nice features especially for the international users like multi-byte character support (UTF-8) which would support foreign fonts and characters. I also know from experience with WINMOR we can expect incremental but significant improvements in sensitivity and reliability under poor propagation conditions. This is one of the great benefits in doing all the signal processing in the software. But it takes lots of work and testing to gain each dB or 2!

6) I would really like over the next year to be able to support other OS and devices (perhaps some tablets). This is not a trivial effort and any volunteers with experience with Mono (translation of MS VB.NET code to Linux) or expertise in Mac OS or Java and the Android OS would be much welcomed. I am willing to share source code and offer

encouragement but such projects require skill, experience and commitment...it is not a 2 week effort!

Finally, A special thanks to the over 950 in our V4Protocol group that have contributed to the V4 experiment, development and testing this last year. Best wishes to all for a Merry Christmas and Happy Holiday season.

73,

Rick Muething, KN6KB

2620. The year of V4

Yahoo group: V4Protocol
Date: 2011-12-11 21:37:24 UTC
From: Paul Whitaker
Topic: 2608 Message: 2620

Hi Rick,

Thanks for that re-cap on the year of V4 !
Yes, its been a very interesting and rewarding process, thank you for all your effort and patience !

My only other comment would be that inclusion in RMS Express would round it off nicely - EMail and Chat in the one package.....

Anyhow, all the very best to you & all the members of the group for the festive season from down under !

Will be watching out for your tones....

'73

Paul Whitaker.
VK3DPW

2621. Re: V4 and V4Chat in 2011

Yahoo group: V4Protocol
Date: 2011-12-11 21:53:36 UTC
From: Paul
Topic: 2608 Message: 2621

In regards to #4 would you entertain a simple file transfer as part of the chat process? The only reason I am asking is that what we need for some Emergency Measure type groups is the ability to simply exchange a text file accurately as well as maintain communications point to point. I have yet to find something that "anyone" can figure out and that's what we are dealing with sometimes in an emergency. In a come as you are scenario if we had a program that we could just type and chat as well as send a text file you'd have my vote. Something that a person can load and use immediately without a huge amount of instruction and so far there is nothing I can find. I know there are programs out there that do just that but they aren't user friendly either.

Anyway I am so happy I found V4... it's a lot of fun. And thanks for all your effort Rick.

Paul
VE9NC

2622. Re: [V4Protocol] Re: V4 and V4Chat in 2011

Yahoo group: V4Protocol
Date: 2011-12-12 01:21:50 UTC
From: Jack Swift
Topic: 2608 Message: 2622

maybe i missed something, but couldn't you use the "user files" and
"paste" options to insert your text file? just precede and follow it
with a line of "++++"??

On Sun, Dec 11, 2011 at 4:53 PM, Paul <ve9nc@...> wrote:
> In regards to #4 would you entertain a simple file transfer as part of the chat process? The only reason I am asking is that what we need for some Emergency Measure type groups is the ability to simply exchange a text file accurately as well as maintain communications point to point. I have yet to find something that "anyone" can figure out and that's what we are dealing with sometimes in an emergency. In a come as you are scenario if we had a program that we could just type and chat as well as send a text file you'd have my vote. Something that a person can load and use immediately without a huge amount of instruction and so far there is nothing I can find. I know there are programs out there that do just that but they aren't user friendly either.
>
> Anyway I am so happy I found V4... it's a lot of fun. And thanks for all your effort Rick.
>
> Paul
> VE9NC
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-281-5300
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

2623. Re: [V4Protocol] Re: V4 and V4Chat in 2011

Yahoo group: V4Protocol
Date: 2011-12-12 14:25:53 UTC
From: Rick Muething
Topic: 2608 Message: 2623

Paul,

Just to bring to your attention if you didn't already know:
1) You can send any text file currently. Just go to "User Files, Paste and send...then navigate to the file you wish to send. It must be a text file (not a .doc or .pdf ...but you can easily change those to .txt). Click on the file and it will paste it into the outbound queue and send. If you are doing emergency work or special forms that file should probably have some preamble info that tells what it is, what it should be used for etc... so the receiver knows what to do with it.

2) On Receive all received text is simply put into the main receive window (and logged to the V4Chat log). But you can currently Copy that text to the clipboard (highlight in the main receive window and right click) and then past that into any text editor and save as a file. A little cumbersome but useable.

To be able to send and receive actual files would require developing a specially formatted file header and footer (so the receiving station would be able to detect the text that is the transmitted file, get the file name etc). That is certainly possible and I will put that on the list to look at later.

Of course sending files should ALWAYS be via ARQ...there is no guarantee FEC transmission alone will arrive error free or complete.

Rick KN6KB

2624. MARS USE OF V-4

Yahoo group: V4Protocol
Date: 2011-12-12 15:30:04 UTC
From: AFA4IF
Topic: 2624 Message: 2624

If WINMOR is used by MARS station then V-4 chat would be authorized by MARS also,right. Why go through the hassle of RMS EXPRESS.? verify the use of v-4 in MARS operations, thanks.

2625. Re: V4 and V4Chat in 2011

Yahoo group: V4Protocol
Date: 2011-12-12 15:55:14 UTC
From: ON2AD
Topic: 2608 Message: 2625

Hello Rick,

Many thanks for the nice program and also to a nice Merry Christmas and a Happy New Year.

73 de Pat ON2AD

To all the users of "V4 Chat" the same whishes.

2626. RE: [V4Protocol] V4 and V4Chat in 2011

Yahoo group: V4Protocol
Date: 2011-12-12 16:13:34 UTC
From: John Wiseman
Topic: 2608 Message: 2626

For the record, BPQ32 now has a V4 driver. It is possible to send messages to/from WL2K, altough only in text mode, as V4 isn't 8 bit transparent. This is more a "proof of concept" than a useful faclility, as V4 is really too slow for messaging, but there could be occasions when a narrow band mode could be useful.It can also be used for Chat, but V4Chat is a much nicer interface for this.

73,
John G8BPQ

2627. Re: [V4Protocol] MARS USE OF V-4

Yahoo group: V4Protocol
Date: 2011-12-12 16:14:26 UTC
From: Rick Muething
Topic: 2624 Message: 2627

I just write, debug and maintain the V4 software. (and the WINMOR software)
V4 is a different protocol and mode than WINMOR and is optimized for narrow band (200 Hz) , text-only, keyboard use. V4Chat and V4 TNC will accept MARS call signs.
What is approved, adopted, authorized or used by MARS is up to MARS.

Rick KN6KB, AAA9WK

2628. Re: [V4Protocol] MARS USE OF V-4

Yahoo group: V4Protocol
Date: 2011-12-12 16:17:20 UTC
From: Ed Woods WD9DVA
Topic: 2624 Message: 2628

Hi we think if you talked with your area or regonal wheels and once you explan to them V4 (mode wise etc) they would probably authorize some freqs and nets. What got my attention you refered to a "hassle" using RMS Express. I've never seen or had any hassle with RMS Express. We use both RF ans internet to send reports to our net mgr on a weekly basis and they are always received, on time. 73 Ed AFA5QW
----- Original Message -----
From: AFA4IF
To: V4Protocol@yahoogroups.com
Sent: Monday, December 12, 2011 15:30
Subject: [V4Protocol] MARS USE OF V-4

If WINMOR is used by MARS station then V-4 chat would be authorized by MARS also,right. Why go through the hassle of RMS EXPRESS.? verify the use of v-4 in MARS operations, thanks.

2629. Re: [V4Protocol] V4 and V4Chat in 2011

Yahoo group: V4Protocol
Date: 2011-12-12 17:16:05 UTC
From: Rick Muething
Topic: 2608 Message: 2629

Thanks John. Glad to hear you were able to integrate the V4 TNC. I hope to add the full 8 bit support later (including UTF-8 character sets).

I agree for most message applications WINMOR or other faster modes probably are best.

Rick KN6KB

2630. RE: {Some tags disabled} Re: [V4Protocol] Re: V4 and V4Chat in 2011

Yahoo group: V4Protocol
Date: 2011-12-12 15:17:46 UTC
From: Paul Leger
Topic: 2608 Message: 2630

Ok thanks for the explanation and thanks for the tips. I will try it out this week with one of the guys locally to see how she works.

Paul
VE9NC

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]On Behalf Of Rick Muething
Sent: December 12, 2011 10:26 AM
To: V4Protocol@yahoogroups.com
Subject: {Some tags disabled} Re: [V4Protocol] Re: V4 and V4Chat in 2011

Paul,

Just to bring to your attention if you didn’t already know:
1) You can send any text file currently. Just go to “User Files, Paste and send...then navigate to the file you wish to send. It must be a text file (not a .doc or .pdf ...but you can easily change those to .txt). Click on the file and it will paste it into the outbound queue and send. If you are doing emergency work or special forms that file should probably have some preamble info that tells what it is, what it should be used for etc... so the receiver knows what to do with it.

2) On Receive all received text is simply put into the main receive window (and logged to the V4Chat log). But you can currently Copy that text to the clipboard (highlight in the main receive window and right click) and then past that into any text editor and save as a file. A little cumbersome but useable.

To be able to send and receive actual files would require developing a specially formatted file header and footer (so the receiving station would be able to detect the text that is the transmitted file, get the file name etc). That is certainly possible and I will put that on the list to look at later.

Of course sending files should ALWAYS be via ARQ...there is no guarantee FEC transmission alone will arrive error free or complete.

Rick KN6KB

2631. RE: {Some tags disabled} Re: [V4Protocol] Re: V4 and V4Chat in 2011

Yahoo group: V4Protocol
Date: 2011-12-12 01:44:03 UTC
From: Paul Leger
Topic: 2608 Message: 2631

Well there is a reason why a file transfer is required rather than cut and paste into the main body but I do see your point. Yes it can be done that way. In the environment I am used to, we get handed a text file via a computer link and told send this. Multiply that by a hundred files and you can see why it is easier to just sending a file rather than adding several additional steps. Also, and I know this will sound kind of skirting the issue, but with the text file we are used to we prefer not to send them in a clear form... that the other operator cannot easily peruse. As a text file it's a bit more private... I can't give you specifics because of some of the confidentiality of some of the groups we work with. It's a unique set of circumstances we work within.

Paul
VE9NC

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]On Behalf Of Jack Swift
Sent: December 11, 2011 9:22 PM
To: V4Protocol@yahoogroups.com
Subject: {Some tags disabled} Re: [V4Protocol] Re: V4 and V4Chat in 2011

maybe i missed something, but couldn't you use the "user files" and "paste" options to insert your text file? just precede and follow it with a line of "++++"??

On Sun, Dec 11, 2011 at 4:53 PM, Paul <ve9nc@...> wrote:
> In regards to #4 would you entertain a simple file transfer as part of the chat process? The only reason I am asking is that what we need for some Emergency Measure type groups is the ability to simply exchange a text file accurately as well as maintain communications point to point. I have yet to find something that "anyone" can figure out and that's what we are dealing with sometimes in an emergency. In a come as you are scenario if we had a program that we could just type and chat as well as send a text file you'd have my vote. Something that a person can load and use immediately without a huge amount of instruction and so far there is nothing I can find. I know there are programs out there that do just that but they aren't user friendly either.
>
> Anyway I am so happy I found V4... it's a lot of fun. And thanks for all your effort Rick.
>
> Paul
> VE9NC
>
>

>
>
>
> ----------
>
> Yahoo! Groups Links
>
>
>

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-281-5300
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

2632. AW: [V4Protocol] 30m - where?

Yahoo group: V4Protocol
Date: 2011-12-10 12:36:09 UTC
From: siegfried.jackstien
Topic: 2597 Message: 2632

Nost people use arq cause there are absolutely no faults (like in packet ...
if receiving was bad packet is requested again)
If YOU wanna make a cq call click on "arq call" in the chat window
And then on "make cq call" ...
If on the other hand you receive a station in monitor mode and wanna call
that station ... then you type in the others call-sign in the window that
opens after clicking on arq call
On 20 most used qrg is 14073 (as far as I know)
And you should go on k3uk sked page to find other users
Greetz
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Tomas Hood
> Gesendet: Samstag, 10. Dezember 2011 06:59
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] 30m - where?
>
>
>
> Ian:
>
> Later, today, I will switch back to 20m (I can only use 30m and 20m, due
> to antenna and RFI issues). What is the 20m frequency used to V4? I
> monitored all evening on 30m and did not see anything. I still don't know
> if I should be in ARQ or FEC mode when monitoring.
>
> Thanks.
>
>
> On Fri, Dec 9, 2011 at 11:04 PM, Ian Wade G3NRW <g3nrw-radio@...>
> wrote:
>
>
>
> Tomas
>
> The two frequencies usually used on 30m for V4 are 10.131 MHz and
> 10.136
> MHz. These are dial frequencies, USB.
>
>
>

> --
> Tomas David Hood (Amateur Radio, NW7US)
> <http://NW7US.us/>
>
> Contributing editor, Propagation Column:
> CQ Magazine, CQ VHF, Popular Communications
>
> Space Weather: <http://sunspotwatch.com/>
>
> Twitter Space WX : @hfradiospacewx
> Twitter NW7US : @NW7US
>
> Linux User #32405 - Since 1996
>
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>
>

2633. Re: {Some tags disabled} Re: [V4Protocol] Re: V4 and V4Chat in 2011

Yahoo group: V4Protocol
Date: 2011-12-12 21:00:15 UTC
From: Rick Muething
Topic: 2608 Message: 2633

Paul,

If you want to send a file (text, .doc, .pdf, .jpg, .xls, etc.) and you want to do it efficiently then just use RMS Express or BPQ32 peer to peer (WINMOR, Pactor 1,2,3 or Packet) . The file can be sent as an attachment and multiple files can be sent with the same message. The other benefit of using this method of sending a text file is that with plain text the compression algorithm used (B2F) compresses plain text about 2:1 (virtually doubling the speed). It also make casual “reading the mail” by monitoring parties difficult...(if you miss any of the compressed file it is very difficult to decompress). WINMOR and P1, P2 operate at 500 Hz BW and WINMOR 1600 or P3 use 1600-2100 Hz of bandwidth. Wideband is faster but requires a better signal to reach max speed.

So my suggestion is if you want or need to send files, use RMS Express or BPQ32 either peer to peer or peer to BBS. If you want to chat in plain text at typical typing speed and use only 200 Hz of BW use V4. Forcing V4 into sending specific files to me is a bit like fitting the square peg into the round hole...sort of like sending pictures with RTTY...possible but why not just send a jpeg?

Rick KN6KB

From: Paul Leger
Sent: Sunday, December 11, 2011 8:44 PM
To: V4Protocol@yahoogroups.com
Subject: RE: {Some tags disabled} Re: [V4Protocol] Re: V4 and V4Chat in 2011

Well there is a reason why a file transfer is required rather than cut and paste into the main body but I do see your point. Yes it can be done that way. In the environment I am used to, we get handed a text file via a computer link and told send this. Multiply that by a hundred files and you can see why it is easier to just sending a file rather than adding several additional steps. Also, and I know this will sound kind of skirting the issue, but with the text file we are used to we prefer not to send them in a clear form... that the other operator cannot easily peruse. As a text file it's a bit more private... I can't give you specifics because of some of the confidentiality of some of the groups we work with. It's a unique set of circumstances we work within.

Paul
VE9NC

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]On Behalf Of Jack Swift
Sent: December 11, 2011 9:22 PM
To: V4Protocol@yahoogroups.com
Subject: {Some tags disabled} Re: [V4Protocol] Re: V4 and V4Chat in 2011

maybe i missed something, but couldn't you use the "user files" and
"paste" options to insert your text file? just precede and follow it

with a line of "++++"??

On Sun, Dec 11, 2011 at 4:53 PM, Paul <mailto:ve9nc%40rac.ca> wrote:
> In regards to #4 would you entertain a simple file transfer as part of the chat process? The only reason I am asking is that what we need for some Emergency Measure type groups is the ability to simply exchange a text file accurately as well as maintain communications point to point. I have yet to find something that "anyone" can figure out and that's what we are dealing with sometimes in an emergency. In a come as you are scenario if we had a program that we could just type and chat as well as send a text file you'd have my vote. Something that a person can load and use immediately without a huge amount of instruction and so far there is nothing I can find. I know there are programs out there that do just that but they aren't user friendly either.
>
> Anyway I am so happy I found V4... it's a lot of fun. And thanks for all your effort Rick.
>
> Paul
> VE9NC
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-281-5300
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

2634. RE: {Some tags disabled} Re: {Some tags disabled} Re: [V4Protocol] Re: V4 and V4Chat in 2011

Yahoo group: V4Protocol
Date: 2011-12-12 21:06:28 UTC
From: Paul Leger
Topic: 2608 Message: 2634

Gotcha. Thanks for the explanation. Appreciate it. I will look into it further on this end.

Hope you have a very Merry Christmas and Happy New Year.

Paul
VE9NC
-----Original Message-----
From: V4Protocol@...m [mailto:V4Protocol@yahoogroups.com]On Behalf Of Rick Muething
Sent: December 12, 2011 5:00 PM
To: V4Protocol@yahoogroups.com
Subject: {Some tags disabled} Re: {Some tags disabled} Re: [V4Protocol] Re: V4 and V4Chat in 2011

Paul,

If you want to send a file (text, .doc, .pdf, .jpg, .xls, etc.) and you want to do it efficiently then just use RMS Express or BPQ32 peer to peer (WINMOR, Pactor 1,2,3 or Packet) . The file can be sent as an attachment and multiple files can be sent with the same message. The other benefit of using this method of sending a text file is that with plain text the compression algorithm used (B2F) compresses plain text about 2:1 (virtually doubling the speed). It also make casual “reading the mail” by monitoring parties difficult...(if you miss any of the compressed file it is very difficult to decompress). WINMOR and P1, P2 operate at 500 Hz BW and WINMOR 1600 or P3 use 1600-2100 Hz of bandwidth. Wideband is faster but requires a better signal to reach max speed.

So my suggestion is if you want or need to send files, use RMS Express or BPQ32 either peer to peer or peer to BBS. If you want to chat in plain text at typical typing speed and use only 200 Hz of BW use V4. Forcing V4 into sending specific files to me is a bit like fitting the square peg into the round hole...sort of like sending pictures with RTTY...possible but why not just send a jpeg?

Rick KN6KB

From: Paul Leger
Sent: Sunday, December 11, 2011 8:44 PM
To: V4Protocol@yahoogroups.com
Subject: RE: {Some tags disabled} Re: [V4Protocol] Re: V4 and V4Chat in 2011

Well there is a reason why a file transfer is required rather than cut and paste into the main body but I do see your point. Yes it can be done that way. In the environment I am used to, we get handed a text file via a computer link and told send this. Multiply that by a hundred files and you can see why it is easier to just sending a file rather than adding several additional steps. Also, and I know this will sound kind of skirting the issue, but with the text file we are used to we prefer not to send them in a clear form... that the other operator cannot easily peruse. As a text file it's a bit more private... I can't give

you specifics because of some of the confidentiality of some of the groups we work with. It's a unique set of circumstances we work within.

Paul
VE9NC

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]On Behalf Of Jack Swift
Sent: December 11, 2011 9:22 PM
To: V4Protocol@...m
Subject: {Some tags disabled} Re: [V4Protocol] Re: V4 and V4Chat in 2011

maybe i missed something, but couldn't you use the "user files" and
"paste" options to insert your text file? just precede and follow it
with a line of "++++"??

On Sun, Dec 11, 2011 at 4:53 PM, Paul <mailto:ve9nc%40rac.ca> wrote:
> In regards to #4 would you entertain a simple file transfer as part of the chat process? The only reason I am asking is that what we need for some Emergency Measure type groups is the ability to simply exchange a text file accurately as well as maintain communications point to point. I have yet to find something that "anyone" can figure out and that's what we are dealing with sometimes in an emergency. In a come as you are scenario if we had a program that we could just type and chat as well as send a text file you'd have my vote. Something that a person can load and use immediately without a huge amount of instruction and so far there is nothing I can find. I know there are programs out there that do just that but they aren't user friendly either.
>
> Anyway I am so happy I found V4... it's a lot of fun. And thanks for all your effort Rick.
>
> Paul
> VE9NC
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-281-5300

^^^

2635. QRV nw in "EU" 7045

Yahoo group: V4Protocol
Date: 2011-12-16 20:37:34 UTC
From: Juhani
Topic: 2635 Message: 2635

7045 is a most popular QRG for V4, WM and RFSM in OH.
Maybe good for standart EU frequency because 7073 is full ex CCCP SSB. 73 "Yussi" OH7TE

2636. QRV

Yahoo group: V4Protocol
Date: 2011-12-17 16:30:04 UTC
From: jgmags2000
Topic: 2636 Message: 2636

QRV 28.076 16:30 utc

73, de KJ1J

2637. Re: [V4Protocol] QRV

Yahoo group: V4Protocol
Date: 2011-12-17 16:34:29 UTC
From: JGMAGS
Topic: 2636 Message: 2637

sorry...qrv 28.073

"Many a good argument is ruined by some fool that knows what he is talking about"
... Marshall McLuhan...

_____
From: jgmags2000 <jgmags2000@...>
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 17, 2011 11:30 AM
Subject: [V4Protocol] QRV

QRV 28.076 16:30 utc

73, de KJ1J

2638. QRV 10 Meters

Yahoo group: V4Protocol
Date: 2011-12-17 16:36:18 UTC
From: jgmags2000
Topic: 2638 Message: 2638

28.073...16:35 UTC

73, KJ1J

2639. 21.073 usb

Yahoo group: V4Protocol
Date: 2011-12-20 15:24:55 UTC
From: GERRY
Topic: 2593 Message: 2639

201523Z standing by for v4 contact 21.073

gerry G0NWE

2640. Ten meter freq?

Yahoo group: V4Protocol
Date: 2011-12-20 20:43:25 UTC
From: gary.k7ek
Topic: 2640 Message: 2640

Has anyone tried V4 on ten meters? Since the band has improved so much lately, I'd think it would be a natural. Is there a preferred frequency for V4 on ten meters?

Best regards,

Gary, K7EK

Sent via Verizon Wireless with my Droid-X

2641. V$ mode in DXKeeper?

Yahoo group: V4Protocol
Date: 2011-12-20 22:25:09 UTC
From: Ian Wade G3NRW
Topic: 2641 Message: 2641

Rick

I am experimenting with DXLab DXKeeper 9.8.7, and have just successfully imported a V4 ADIF file. The imported log entries show that the mode is V4. No problem.

But if I click on DXKeeper's dropdown list of possible modes, V4 is missing from the list. This doesn't worry me particularly, but it might be an idea to contact DXLab to get V4 added to the list.

--
73
Ian, G3NRW

2642. Re: [V4Protocol] Ten meter freq?

Yahoo group: V4Protocol
Date: 2011-12-21 01:18:00 UTC
From: JGMAGS
Topic: 2640 Message: 2642

I have tried numerous cq's on 28.073/28.074.. no answer..
73, KJ1J , John

"Many a good argument is ruined by some fool that knows what he is talking about"
... Marshall McLuhan...

From: gary.k7ek <gary.k7ek@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, December 20, 2011 3:43 PM
Subject: [V4Protocol] Ten meter freq?

Has anyone tried V4 on ten meters? Since the band has improved so much lately, I'd think it would be a natural. Is there a preferred frequency for V4 on ten meters?

Best regards,

Gary, K7EK

Sent via Verizon Wireless with my Droid-X

2643. RE: [V4Protocol] Ten meter freq?

Yahoo group: V4Protocol
Date: 2011-12-21 12:41:46 UTC
From: Victor Gi4LKG
Topic: 2640 Message: 2643

Hello Gary I call often on 28.073 and worked the US a few times on 10m 73 de Victor Gi4LKG
To: V4Protocol@yahoogroups.com
From: gary.k7ek@...
Date: Tue, 20 Dec 2011 12:43:25 -0800
Subject: [V4Protocol] Ten meter freq?

Has anyone tried V4 on ten meters? Since the band has improved so much lately, I'd think it would be a natural. Is there a preferred frequency for V4 on ten meters?

Best regards,

Gary, K7EK

Sent via Verizon Wireless with my Droid-X

2644. The 30m Band Utilization Chart -- Updated 21 December

Yahoo group: V4Protocol
Date: 2011-12-21 19:20:00 UTC
From: Ian Wade G3NRW
Topic: 2644 Message: 2644

I have just updated the 30m Band Utilization Chart, to include the new
NBEMS allocation at 10.135 dial. No other changes.

See: http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

--
73
Ian, G3NRW

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

2645. Re: V$ mode in DXKeeper?

Yahoo group: V4Protocol
Date: 2011-12-21 19:30:23 UTC
From: ham
Topic: 2641 Message: 2645

V4 is now being adopted into the ADIF standard.

For now, to upload to LOTW or eQSL.cc, change the mode from V4 to DATA or PACTOR.

For LOTW, you can get the TrustedQSL program to perform the mapping for you during the upload.

73, Bernie

--- In V4Protocol@yahoogroups.com, Ian Wade G3NRW <g3nrw-radio@...> wrote:
>
> Rick
>
> I am experimenting with DXLab DXKeeper 9.8.7, and have just successfully
> imported a V4 ADIF file. The imported log entries show that the mode is
> V4. No problem.
>
> But if I click on DXKeeper's dropdown list of possible modes, V4 is
> missing from the list. This doesn't worry me particularly, but it might
> be an idea to contact DXLab to get V4 added to the list.
>
> --
> 73
> Ian, G3NRW
>

2646. 21.073 usb

Yahoo group: V4Protocol
Date: 2011-12-22 13:25:24 UTC
From: GERRY
Topic: 2593 Message: 2646

22dec1325z

Am now monitoring 21.073 and available for v4 QSO

de Gerry G0NWE

2647. Calling CQ (14.073 Mhz) de KJ5XF

Yahoo group: V4Protocol
Date: 2011-12-22 21:39:13 UTC
From: kj5xftl
Topic: 2647 Message: 2647

Folks,
I am calling CQ (V4chat) on 14.073 Mhz. Sure
would like to have a V4chat based qso...
Current time: 21:39 UTC (dec. 22,2011)

Regards,
Tony L. (KJ5XF)

2648. Calling CQ...

Yahoo group: V4Protocol
Date: 2011-12-23 16:33:00 UTC
From: kj5xftl
Topic: 2648 Message: 2648

Folks,
I am calling CQ at 14.073425 Mhz to avoid a Contestia QSO.
So, if you are looking for a V4 QSO, give me a call.

73,
Tony L. (KJ5XF)

P.S. Current time: 16:33UTC

2649. Calling CQ (Moved to 14.073)

Yahoo group: V4Protocol
Date: 2011-12-23 16:48:09 UTC
From: kj5xftl
Topic: 2649 Message: 2649

Folks,
Moved down to 14.073 Mhz. I am calling CQ and also
monitoring.. Where did the V4chat ops disappear?

73,
Tony L. (KJ5XF)

2650. Re: V$ mode in DXKeeper?

Yahoo group: V4Protocol
Date: 2011-12-26 06:24:45 UTC
From: Dave
Topic: 2641 Message: 2650

>>>AA6YQ comments below

--- In V4Protocol@yahoogroups.com, Ian Wade G3NRW <g3nrw-radio@...> wrote:

I am experimenting with DXLab DXKeeper 9.8.7, and have just successfully imported a V4 ADIF file. The imported log entries show that the mode is
V4. No problem.

But if I click on DXKeeper's dropdown list of possible modes, V4 is
missing from the list. This doesn't worry me particularly, but it might be an idea to contact DXLab to get V4 added to the list.

>>>That's not necessary, Ian; you can add V4 to DXKeeper's Mode selector. See

<http://www.dxlabsuite.com/dxkeeper/Help/Configuration.htm#Defining or Eliminating Modes>

73,

Dave, AA6YQ

2651. direct logging to DXKeeper

Yahoo group: V4Protocol
Date: 2011-12-26 06:29:15 UTC
From: Dave
Topic: 2651 Message: 2651

Rick, you can if desired extend your V4 sound card TNC to log QSOs directly to DXKeeper, the logging component of the free-ware DXLab Suite. This is done by sending an ADIF record to DXKeeper via either DDE or TCP/IP. If you're interested, let me know and I'll provide the details.

73,

Dave, AA6YQ

2652. Calling CQ...

Yahoo group: V4Protocol
Date: 2011-12-26 21:16:38 UTC
From: kj5xftl
Topic: 2648 Message: 2652

Folks,
I am calling CQ on 14.073 Mhz. Will
also be monitoring for the next 40 mins or so. Current time: 21:16 UTC.

73,
Tony Lyon (KJ5XF)

2653. Re: [V4Protocol] direct logging to DXKeeper

Yahoo group: V4Protocol
Date: 2011-12-27 20:27:08 UTC
From: JGMAGS
Topic: 2651 Message: 2653

Hello Dave, Happy New Year! I would be interested in knowing how to log from V4 directly into DXKeeper. Would you kindly explain the details on how?

The way I do it now is ti have DXK and DXK Capture running at the same time as V4Chat and manually add the entry into Capture screen and then of course log it through Capture. I'm sure that you know of an easier way.
Thanks, 73, KJ1J John

"Many a good argument is ruined by some fool that knows what he is talking about"
... Marshall McLuhan...

From: Dave <aa6yq@...>
To: V4Protocol@yahoogroups.com
Sent: Monday, December 26, 2011 1:29 AM
Subject: [V4Protocol] direct logging to DXKeeper

Rick, you can if desired extend your V4 sound card TNC to log QSOs directly to DXKeeper, the logging component of the free-ware DXLab Suite. This is done by sending an ADIF record to DXKeeper via either DDE or TCP/IP. If you're interested, let me know and I'll provide the details.

73,

Dave, AA6YQ

2654. RE: [V4Protocol] direct logging to DXKeeper

Yahoo group: V4Protocol
Date: 2011-12-27 20:36:15 UTC
From: Dave AA6YQ
Topic: 2651 Message: 2654

>>>AA6YQ comments below

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]On Behalf Of JGMAGS
Sent: Tuesday, December 27, 2011 3:27 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] direct logging to DXKeeper

Hello Dave, Happy New Year! I would be interested in knowing how to log from V4 directly into DXKeeper. Would you kindly explain the details on how?

>>>It's not possible now, John. The point of my note below was to interest Rick KN6KB in extending the V4 sound card TNC to provide this capability.

73,

Dave, AA6YQ

From: Dave <aa6yq@...>
To: V4Protocol@yahoogroups.com
Sent: Monday, December 26, 2011 1:29 AM
Subject: [V4Protocol] direct logging to DXKeeper

Rick, you can if desired extend your V4 sound card TNC to log QSOs directly to DXKeeper, the logging component of the free-ware DXLab Suite. This is done by sending an ADIF record to DXKeeper via either DDE or TCP/IP. If you're interested, let me know and I'll provide the details.

73,

Dave, AA6YQ

2655. Re: [V4Protocol] direct logging to DXKeeper

Yahoo group: V4Protocol
Date: 2011-12-27 21:18:29 UTC
From: JGMAGS
Topic: 2651 Message: 2655

Ok Dave, thanks, pardon my misunderstanding.. but if anyone is interested in my method, it works until something better comes along..

Happy New Year to all
73, John

"Many a good argument is ruined by some fool that knows what he is talking about"
... Marshall McLuhan...

From: Dave AA6YQ <aa6yq@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, December 27, 2011 3:36 PM
Subject: RE: [V4Protocol] direct logging to DXKeeper

>>>AA6YQ comments below

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]On Behalf Of JGMAGS
Sent: Tuesday, December 27, 2011 3:27 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] direct logging to DXKeeper

Hello Dave, Happy New Year! I would be interested in knowing how to log from V4 directly into DXKeeper. Would you kindly explain the details on how?

>>>It's not possible now, John. The point of my note below was to interest Rick KN6KB in extending the V4 sound card TNC to provide this capability.

73,

Dave, AA6YQ

From: Dave <aa6yq@...>
To: V4Protocol@yahoogroups.com
Sent: Monday, December 26, 2011 1:29 AM
Subject: [V4Protocol] direct logging to DXKeeper

Rick, you can if desired extend your V4 sound card TNC to log QSOs directly to DXKeeper, the logging component of the free-ware DXLab Suite. This is done by sending an ADIF record to DXKeeper via either DDE or TCP/IP. If you're interested, let me know and I'll provide the details.

73,

Dave, AA6YQ

2656. V4 CHAT

Yahoo group: V4Protocol
Date: 2011-12-28 05:07:56 UTC
From: jgmags2000
Topic: 704 Message: 2656

To all V4 users,
When the program was in its development stage many users showed much enthusiasm for the program and many helped with suggestions to help Rick(KN6KB)in arriving at the final revision. Now that that has been achieved, the usage has dropped off considerably. With the increase in band openings there should be much more activity. Rick has worked extremely hard to give us V4Chat so.... with the new year upon us lets try to rekindle that enthusiasm we all had at the outset.

Just my two cents worth.
73 and happy New year
John, KJ1J

2657. Re: [V4Protocol] V4 CHAT

Yahoo group: V4Protocol
Date: 2011-12-28 08:10:14 UTC
From: Paul Whitaker
Topic: 704 Message: 2657

Hi all,
Its that time of the year - our summer tourist season - lots to do at the Drive-In Theatre.

I am curious about activity on the bands, so will be leaving my system running on 14073 ARQ. Please feel free to connect etc. If Im not home, ill see the activity in due course, and report by this medium.

Hope you all have a great 2012.

Cheers

Paul Whitaker.
VK3DPW

>
>
>To all V4 users,
>When the program was in its development stage many users showed much
>enthusiasm for the program and many helped with suggestions to help
>Rick(KN6KB)in arriving at the final revision. Now that that has been
>achieved, the usage has dropped off considerably. With the increase in
>band openings there should be much more activity. Rick has worked
>extremely hard to give us V4Chat so.... with the new year upon us lets try
>to rekindle that enthusiasm we all had at the outset.
>
>Just my two cents worth.
>73 and happy New year
>John, KJ1J
>
>__._

2658. TS-590S Digital HOWTO update

Yahoo group: V4Protocol
Date: 2011-12-28 09:01:24 UTC
From: Ian Wade G3NRW
Topic: 2658 Message: 2658

Most digital packages, such as MixW, Digipan etc produce TX audio tones on both the Left and Right audio channel, but fldigi has the option of producing the TX audio on only one channel. This can cause some head scratching when the package appears to be set up correctly, yet the TS-590S does not transmit a digital signal.

The updated version of my digital HOWTO explains how the Left/Right audio channels are handled by the TS-590S, and how to set up fldigi correctly for operation with the TS-590S.

For the HOWTO, go to the TS-590S Resources Page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

Scroll down to the "HOWTOs" section, then click on the link:

"HOWTO set up the Kenwood TS-590S for Digital Data and Digital Voice Operation "

Pages 4 and 5 explain in detail how the Left/Right audio channels are handled.

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

2659. Re: V4 CHAT

Yahoo group: V4Protocol
Date: 2011-12-28 17:52:27 UTC
From: Dave
Topic: 704 Message: 2659

I tested V4 chat and made two contacts.
I removed the program from my computer because (1) too hard to find users on the air and (2) the program appears to cost $25.
Other modes are easier to use and make all the contacts I want.

Dave
AD2Q

--- In V4Protocol@yahoogroups.com, "jgmags2000" <jgmags2000@...> wrote:
>
> To all V4 users,
> When the program was in its development stage many users showed much enthusiasm for the program and many helped with suggestions to help Rick(KN6KB)in arriving at the final revision. Now that that has been achieved, the usage has dropped off considerably. With the increase in band openings there should be much more activity. Rick has worked extremely hard to give us V4Chat so.... with the new year upon us lets try to rekindle that enthusiasm we all had at the outset.
>
> Just my two cents worth.
> 73 and happy New year
> John, KJ1J
>

2660. Re: [V4Protocol] Re: V4 CHAT

Yahoo group: V4Protocol
Date: 2011-12-28 18:14:05 UTC
From: DC 7 FL Knut
Topic: 704 Message: 2660

hallo hallo Dave,
the appears.... it appears only....

You can read the answer from secretary@... :
"As described in the WINMOR TNC help, RMS Express Help, V4 TNC Help and
V4Chat Help Registration is ALWAYS optional and NEVER required."

73
DC7FL
Knut

from Dave>
> I tested V4 chat and made two contacts.
> I removed the program from my computer because (1) too hard to find
> users on the air and (2) the program appears to cost $25.
> Other modes are easier to use and make all the contacts I want.
>
> Dave
> AD2Q

2661. Heard in VK3

Yahoo group: V4Protocol
Date: 2011-12-29 06:27:28 UTC
From: Paul Whitaker
Topic: 704 Message: 2661

Hi all,
Heard in the last 24 hours in Melbourne Australia -
AA1CZ, 28/12/2011, 19:34 UTC
W3BI 18:59
AA1CZ 18:25
K6KAR 18:03

My station will respond if you try to connect.

Cheers

Paul.
VK3DPW

2662. Re: [V4Protocol] Heard in VK3

Yahoo group: V4Protocol
Date: 2011-12-29 15:25:07 UTC
From: Rick Johnson
Topic: 704 Message: 2662

Hi Paul,

Which band were you on? I call from DC to Light bands trying to make a V4
QSO and usually no go.
I will put your call in the box and see what happens.

HNY & 73,
Rick W3BI

On Thu, Dec 29, 2011 at 1:27 AM, Paul Whitaker <dromana@...>wrote:

> **
>
>
>
>
> Hi all,
> Heard in the last 24 hours in Melbourne Australia -
> AA1CZ, 28/12/2011, 19:34 UTC
> W3BI 18:59
> AA1CZ 18:25
> K6KAR 18:03
>
> My station will respond if you try to connect.
>
> Cheers
>
> Paul.
> VK3DPW
>
>
>

2663. RE: [V4Protocol] Heard in VK3

Yahoo group: V4Protocol
Date: 2011-12-29 16:02:25 UTC
From: K6KAR
Topic: 704 Message: 2663

Paul,

Connected to you this morning and left a message.

Happy New Year

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Paul Whitaker
Sent: Thursday, December 29, 2011 12:27 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Heard in VK3

Hi all,
Heard in the last 24 hours in Melbourne Australia -
AA1CZ, 28/12/2011, 19:34 UTC
W3BI 18:59
AA1CZ 18:25
K6KAR 18:03

My station will respond if you try to connect.

Cheers

Paul.
VK3DPW

2664. Digital on 160m?

Yahoo group: V4Protocol
Date: 2011-12-29 16:22:34 UTC
From: Ian Wade G3NRW
Topic: 2664 Message: 2664

This winter I plan to try various digital modes on 160m (JT65, WSPR, V4, PSKxx etc), but I have no idea where to transmit.

Are there any established frequencies or frequency ranges on Top Band where these modes congregate?

--
73
Ian, G3NRW

2665. Calling CQ

Yahoo group: V4Protocol
Date: 2011-12-29 20:38:49 UTC
From: kj5xftl
Topic: 2107 Message: 2665

Folks,
I have been calling Cq (V4chat) for almost 40 mins now...
I will continue for another 30 mins or so.
Current time: 20:38 UTC

73,
Tony L. (KJ5XF)

2666. Re: [V4Protocol] Calling CQ

Yahoo group: V4Protocol
Date: 2011-12-29 21:17:11 UTC
From: Ian Wade G3NRW
Topic: 2107 Message: 2666

___Original Message_____________________________________
From: kj5xftl <kj5xftl@...>
Date: Thu, 29 Dec 2011 Time: 20:38:49

>Folks,
>I have been calling Cq (V4chat) for almost 40 mins now...
>I will continue for another 30 mins or so.
>Current time: 20:38 UTC
>
>73,
>Tony L. (KJ5XF)
>
>

C'mon, Tony, give us a clue! *Where* are you calling CQ?

--
73
Ian, G3NRW

2667. 14.073 MHZ...

Yahoo group: V4Protocol
Date: 2011-12-29 21:42:18 UTC
From: kj5xftl
Topic: 2667 Message: 2667

Folks,
Sorry... I am on 14.073 Mhz.

73,
Tony

2668. Re: Calling CQ

Yahoo group: V4Protocol
Date: 2011-12-29 23:43:27 UTC
From: Tomas Hood
Topic: 2107 Message: 2668

Yeah, it would so help if folks would post the frequency on which they
are calling.

I've so far not been impressed with this mode. Not so much in the
lack of users, but, when I do hear users, they seem to be too weak for
this mode to work properly. Under the same conditions, other modes
work much better. Unless something is wrong with my installation, I
think this mode requires PERFECT conditions, and s-9 signals.

--
Tomas David Hood (Amateur Radio, NW7US)
<http://NW7US.us/>

Contributing editor, Propagation Column:
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Space Weather: <http://sunspotwatch.com/>

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Linux User #32405 - Since 1996

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2669. AW: [V4Protocol] Re: Calling CQ

Yahoo group: V4Protocol
Date: 2011-12-30 00:25:43 UTC
From: siegfried jackstien
Topic: 2107 Message: 2669

No ... i made stable contacts with s0 (with preamp on!!) ... signal barely noticeable
Starting a link when condx are low is a bit difficult ... but when the link is alive then it is stable as uhf packet (almost)
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Tomas Hood
> Gesendet: Donnerstag, 29. Dezember 2011 23:43
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Re: Calling CQ
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2670. Re: [V4Protocol] Re: Calling CQ

Yahoo group: V4Protocol
Date: 2011-12-30 01:46:03 UTC
From: Tomas Hood
Topic: 2107 Message: 2670

In my experience, so far, I have had QSOs start (link established), only to fail after fades occur. I could see the signal on the waterfall, but the modem would not stay connected. I'm using the software as installed "out of the box" -- I have only decreased the squelch, trying to see if that would help. But, so far, this has been rather disappointing. No other mode (Olivia, MT63, MFSK, PSK31, Contestia...) is this touchy.

I've had ONE and only one qso that worked start to end without issue - and the signal was strong with little fading.

Not sure what it is. Perhaps there's something in my settings?? I don't know what to change.

On Thu, Dec 29, 2011 at 5:25 PM, siegfried jackstien <
siegfried.jackstien@...> wrote:

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>
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> Sigi
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> > -----Ursprüngliche Nachricht-----
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> > An: V4Protocol@yahoogroups.com
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2671. Re: [V4Protocol] V4 CHAT

Yahoo group: V4Protocol
Date: 2011-12-30 08:05:13 UTC
From: Paul Whitaker
Topic: 704 Message: 2671

Hi all,
More stations heard in VK3 in last 24 hours - 14073 -
W2KI and K6KAR connected - 14:16 UTC
PD9BTB 14:28
KJ5XF 20:14

And sorry K6KAR - I didnt realise you actually connected to me.....

Still listening 14073 V4 ARQ.

Ive also had some situations where low signals are not decoding, but other times with excellent copy....
Still wondering...
I also have great success with Ham Radio Integrator, but V4 has a much nicer interface.

Cheers and Happy New Year

Paul Whitaker.
VK3DPW

2672. Re: Was: Calling CQ, Is: What´s needed to make V4Chat fly

Yahoo group: V4Protocol
Date: 2011-12-30 09:46:05 UTC
From: Peter Zingsheim
Topic: 2107 Message: 2672

Hi,

I second Sigi, I had stable qsos even when waterfall was barely visible, S/N negative, only once lost a connect and that was presumably an operator error or insufficient setup at the other end.

Many thanks to Rick, who made this possible!

I do not think the mode or the protocol or the sw are flawed! No, not in my hands.

I do think, however, V4Chat is limited by insufficient operational conventions. It is still a very young mode.

Imho, there should be ***one single public list of calling frequencies, including continental variants, if necessary, and alternative frequ, if channel is occupied by a qso.***

After all, this is a qso mode, not a mailbox mode, and it will only fly, if more than one freq per band can be accessed. Therefore I suggested a simple button on the software to allow frequ. (or rather channel) hopping in fixed steps compatible with the bw of this mode. In the course of a running qso, qsy can be arranged freely.

I do not think that the message area of this group is a good place to arrange skeds. unless a special facility can be set up using the resource provided by Yahoo (calendar?), I think one of the sites mentioned a while ago will doe, and some links in this group could give directions to users, maybe dedicated to regional or transcontinental needs. Messages should be dedicated to ongoing technical development.

Food for thought?

73, and best wishes for a Happy New Year,
Peter

--- In V4Protocol@yahoogroups.com, Tomas Hood <nw7us.heliophile@...> wrote:
>
> In my experience, so far, I have had QSOs start (link established), only to
> fail after fades occur. I could see the signal on the waterfall, but the
> modem would not stay connected. I'm using the software as installed "out
> of the box" -- I have only decreased the squelch, trying to see if that
> would help. But, so far, this has been rather disappointing. No other
> mode (Olivia, MT63, MFSK, PSK31, Contestia...) is this touchy.
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> I've had ONE and only one qso that worked start to end without issue - and
> the signal was strong with little fading.
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> Not sure what it is. Perhaps there's something in my settings?? I don't
> know what to change.

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> On Thu, Dec 29, 2011 at 5:25 PM, siegfried jackstien <
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> > Dg9bfc
> > Sigi
> >
> > > -----Ursprüngliche Nachricht-----
> > > Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> > > Auftrag von Tomas Hood
> > > Gesendet: Donnerstag, 29. Dezember 2011 23:43
> > > An: V4Protocol@yahoogroups.com
> > > Betreff: [V4Protocol] Re: Calling CQ
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2673. Re: [V4Protocol] Re: Was: Calling CQ, Is: What´s ne eded to make V4Chat fly

Yahoo group: V4Protocol
Date: 2011-12-30 10:09:53 UTC
From: Tomas Hood
Topic: 2107 Message: 2673

I don't argue with anyone that the mode is working for them. But, I cannot figure out why it is not working well, for me. Given the same band, same conditions, same radio, same sound card, same antenna, same computer, etc., I can QSO with other modes than V4Chat. So, what am I doing incorrectly? Perhaps I don't have things set correctly. I need to find someone with which to trouble shoot.

On Fri, Dec 30, 2011 at 2:46 AM, Peter Zingsheim <oe6zh@...> wrote:

> **
>
>
> Hi,
>
> I second Sigi, I had stable qsos even when waterfall was barely visible,
> S/N negative, only once lost a connect and that was presumably an operator
> error or insufficient setup at the other end.
>
> Many thanks to Rick, who made this possible!
>
> I do not think the mode or the protocol or the sw are flawed! No, not in
> my hands.
>
> I do think, however, V4Chat is limited by insufficient operational
> conventions. It is still a very young mode.
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> Imho, there should be ***one single public list of calling frequencies,
> including continental variants, if necessary, and alternative frequ, if
> channel is occupied by a qso.***
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> After all, this is a qso mode, not a mailbox mode, and it will only fly,
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> ago will doe, and some links in this group could give directions to users,
> maybe dedicated to regional or transcontinental needs. Messages should be
> dedicated to ongoing technical development.
>
> Food for thought?

>
> 73, and best wishes for a Happy New Year,
> Peter
>
> --- In V4Protocol@yahoogroups.com, Tomas Hood <nw7us.heliophile@...>
> wrote:
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> > > Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
> Im
> > > Auftrag von Tomas Hood
> > > Gesendet: Donnerstag, 29. Dezember 2011 23:43
> > > An: V4Protocol@yahoogroups.com
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2674. AW: [V4Protocol] Re: Was: Calling CQ, Is: What´s n eeded to make V4Chat fly

Yahoo group: V4Protocol
Date: 2011-12-30 10:25:18 UTC
From: siegfried jackstien
Topic: 2107 Message: 2674

That is why i asked patrick for adding that mode in his soft
More user would know that this mode exist (cause updating their beloved soft) ... and it would be frequency-agile like all the other modes in multipsk ... now add rs id and call id and its done
Dg9bfc
sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Peter Zingsheim
> Gesendet: Freitag, 30. Dezember 2011 09:46
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Re: Was: Calling CQ, Is: What´s needed to make
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2675. AW: [V4Protocol] Re: Calling CQ

Yahoo group: V4Protocol
Date: 2011-12-30 10:21:44 UTC
From: siegfried jackstien
Topic: 2107 Message: 2675

What is the timer setting in the modem ???
If you have longer fading times (depends on condition) then it is ok to make the time a bit longer (to stay connected in a fade-out phase)
It does not hurt to make it longer cause that timer is only active if condx are bad ... and if the other station is really gone or condx are gone down absolutely then also the longer timer will count down to zero and cut the link
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Tomas Hood
> Gesendet: Freitag, 30. Dezember 2011 01:46
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] Re: Calling CQ
>
>
>
> In my experience, so far, I have had QSOs start (link established), only
> to fail after fades occur. I could see the signal on the waterfall, but
> the modem would not stay connected. I'm using the software as installed
> "out of the box" -- I have only decreased the squelch, trying to see if
> that would help. But, so far, this has been rather disappointing. No
> other mode (Olivia, MT63, MFSK, PSK31, Contestia...) is this touchy.
>
> I've had ONE and only one qso that worked start to end without issue - and
> the signal was strong with little fading.
>
> Not sure what it is. Perhaps there's something in my settings?? I don't
> know what to change.
>
>
> On Thu, Dec 29, 2011 at 5:25 PM, siegfried jackstien
> <siegfried.jackstien@...> wrote:
>
>
>
>
>
>
> No ... i made stable contacts with s0 (with preamp on!!) ... signal
> barely
> noticeable
> Starting a link when condx are low is a bit difficult ... but when
> the link

> is alive then it is stable as uhf packet (almost)
> Dg9bfc
> Sigi
>
> > -----Ursprüngliche Nachricht-----
> > Von: V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com> [mailto:V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>] Im
> > Auftrag von Tomas Hood
> > Gesendet: Donnerstag, 29. Dezember 2011 23:43
> > An: V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> > Betreff: [V4Protocol] Re: Calling CQ
>
>
> >
> >
> >
> > Yeah, it would so help if folks would post the frequency on which
> they
> > are calling.
> >
> > I've so far not been impressed with this mode. Not so much in the
> > lack of users, but, when I do hear users, they seem to be too weak
> for
> > this mode to work properly. Under the same conditions, other modes
> > work much better. Unless something is wrong with my installation,
> I
> > think this mode requires PERFECT conditions, and s-9 signals.
> >
> > --
> > Tomas David Hood (Amateur Radio, NW7US)
> > <http://NW7US.us/>
> >
> > Contributing editor, Propagation Column:
> > CQ Magazine, CQ VHF, Popular Communications
> >
> > Space Weather: <http://sunspotwatch.com/>
> >
> > Twitter Space WX : @hfradiospacewx
> > Twitter NW7US : @NW7US
> > Twitter my music: @TomasMusic
> >
> > Linux User #32405 - Since 1996
> >
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> --
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>

2676. Re: [V4Protocol] Re: Calling CQ

Yahoo group: V4Protocol
Date: 2011-12-30 11:51:14 UTC
From: Tomas Hood
Topic: 2107 Message: 2676

OK, thank you - I will change my timer setting. Are there any other settings that would help it to decode? Many times with the fading and weaker signal, it just retries and retries. How can that be improved upon?

On Fri, Dec 30, 2011 at 3:21 AM, siegfried jackstien <siegfried.jackstien@...> wrote:

> What is the timer setting in the modem ???
> If you have longer fading times (depends on condition) then it is ok to
> make
> the time a bit longer (to stay connected in a fade-out phase)
> It does not hurt to make it longer cause that timer is only active if condx
> are bad ... and if the other station is really gone or condx are gone down
> absolutely then also the longer timer will count down to zero and cut the
> link
>
> to fail after fades occur. I could see the signal on the waterfall, but
> > the modem would not stay connected. I'm using the software as installed
> > "out of the box" -- I have only decreased the squelch, trying to see if
> > that would help. But, so far, this has been rather disappointing. No
> > other mode (Olivia, MT63, MFSK, PSK31, Contestia...) is this touchy.
> >
> > I've had ONE and only one qso that worked start to end without issue -
> and
> > the signal was strong with little fading.
> >
> > Not sure what it is. Perhaps there's something in my settings?? I don't
> > know what to change.
>

--
Tomas David Hood (Amateur Radio, NW7US)
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2677. AW: [V4Protocol] Re: Calling CQ

Yahoo group: V4Protocol
Date: 2011-12-30 11:59:34 UTC
From: siegfried jackstien
Topic: 2107 Message: 2677

Myabe you "underdrive" your soundcard ???
How is the signal level??
Dg9bfc
Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Tomas Hood
> Gesendet: Freitag, 30. Dezember 2011 11:51
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] Re: Calling CQ
>
>
>
> OK, thank you - I will change my timer setting. Are there any other
> settings that would help it to decode? Many times with the fading and
> weaker signal, it just retries and retries. How can that be improved
> upon?
>
>
> On Fri, Dec 30, 2011 at 3:21 AM, siegfried jackstien
> <siegfried.jackstien@...> wrote:
>
> What is the timer setting in the modem ???
> If you have longer fading times (depends on condition) then it is ok
> to make
> the time a bit longer (to stay connected in a fade-out phase)
> It does not hurt to make it longer cause that timer is only active
> if condx
> are bad ... and if the other station is really gone or condx are
> gone down
> absolutely then also the longer timer will count down to zero and
> cut the
> link
>
> > to fail after fades occur. I could see the signal on the
> waterfall, but
> > the modem would not stay connected. I'm using the software as
> installed
> > "out of the box" -- I have only decreased the squelch, trying to
> see if
> > that would help. But, so far, this has been rather disappointing.
> No
> > other mode (Olivia, MT63, MFSK, PSK31, Contestia...) is this
> touchy.

> >
> > I've had ONE and only one qso that worked start to end without
> issue - and
> > the signal was strong with little fading.
> >
> > Not sure what it is. Perhaps there's something in my settings?? I
> don't
> > know what to change.
>
>
>
>
>
> --
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2678. Re: [V4Protocol] Re: Was: Callin g CQ, Is: What´s needed to make V4Chat fly

Yahoo group: V4Protocol
Date: 2011-12-30 15:45:24 UTC
From: Rick Muething
Topic: 2107 Message: 2678

Peter,

I agree with you and that is one of the reasons for this forum and reflector. I have spend many hours (probably over a man year of effort) on V4 and V4Chat and am continually trying to improve it by performance tweaks and asked for features. I check and verify the sensitivity and robustness of every release on a hardware HF channel simulator on a very poor channel (Multipath poor at −5dB S/N) ... the worst CCIR channel the HF simulator models. Most of the problems people have can be traced to some rather common ones mentioned in the Help files:
RF Feedback to the audio (check the help for suggestions)
Improper PTT keying or timing (latency measured and reported on each CQ or Station call)
Improper Audio drive (Drive to approx 70% of rated PEP output)
Improper Receive audio level (should be in the green preferably about mid scale).
Tuning is automatic within the set tuning range (default +/- 100 Hz)
Not understanding the concept and proper operation of ARQ modes (described in the Help)

I would be more than happy putting a set of recommend frequencies in the help if we can agree on them. I think using the reflector is a good start for that.

Rick Muething, KN6KB

2679. V4 frequencies: a starting point.

Yahoo group: V4Protocol
Date: 2011-12-30 16:36:58 UTC
From: Ian Wade G3NRW
Topic: 2679 Message: 2679

Rick has suggested the inclusion of a list of V4 operating frequencies
in the V4 Help file.

As a starting point, I have been looking back through the reflector
archives. The following dial frequencies (all USB) appear to be commonly
used/suggested:
~~~~~~
160m ?

80m 3.573 (also somewhere between 3.620 and 3.640 in VK)

60m ?

40m 7.045 (7.073 is commonly used by strong SSB stations in Region
1)

30m 10.131, 10.136 [1]

20m 14.073 (but Hellschreiber QRM is common. Maybe higher?)

17m 18.073

15m 21.073

12m ?

10m 28.073

6m ?

2m ?
~~~~~~

Anyone care to fill in the blanks, or suggest alternatives?

[1] See the 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

--
73
Ian, G3NRW

2680. Re: [V4Protocol] Re: Calling CQ

Yahoo group: V4Protocol
Date: 2011-12-30 17:24:27 UTC
From: Tomas Hood
Topic: 2107 Message: 2680

It is the receive that has the problem; I can be monitoring other stations in QSO, and only get partial decode, at best.

On Fri, Dec 30, 2011 at 4:59 AM, siegfried jackstien <siegfried.jackstien@...> wrote:

> Myabe you "underdrive" your soundcard ???
> How is the signal level??
>

--
Tomas David Hood (Amateur Radio, NW7US)
<http://NW7US.us/>

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2681. Re: [V4Protocol] Re: Calling CQ

Yahoo group: V4Protocol
Date: 2011-12-30 17:43:11 UTC
From: Rick Muething
Topic: 2107 Message: 2681

Tomas,

If you are monitoring an ARQ QSO you will likely not get all the QSO since you cannot request a repeat while monitoring as the connected station can. The V4 Software should filter out repeats (so they don't duplicate on the printing) but when monitoring it depends on how good the signal is as to whether it will capture and tune and how many errors are present.

You should be close to the frequency ...the monitored signal should be near the center of the waterfall. Make sure the V4 TNC's internal filter is IN (see the help) and it may help to use a narrow (200 Hz or greater) filter on receive if you have one (centered on the signal). Your AGC should be fast to medium and the signal level on the V4 TNC receive level indicator should be "in the green".

The received signal offset should be fairly close as measured by the freq offset on the TNC ...definitively must be < the tuning range you have selected. Note of course when monitoring you must be able to auto tune to BOTH stations of the QSO.

Also note you have some control over the leader detection threshold...that is the DSP logic that detects and tunes the two tone leader signal at the start of every frame. Setting the squelch to values of 3 or 4 will make it more sensitive but also occasionally "trip" on noise. See the help re the Squelch setting.

73,

Rick KN6KB

From: Tomas Hood
Sent: Friday, December 30, 2011 12:24 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Calling CQ

It is the receive that has the problem; I can be monitoring other stations in QSO, and only get partial decode, at best.

On Fri, Dec 30, 2011 at 4:59 AM, siegfried jackstien <siegfried.jackstien@...> wrote:
Myabe you "underdrive" your soundcard ???
How is the signal level??

--
Tomas David Hood (Amateur Radio, NW7US)
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2682. Re: [V4Protocol] Re: Calling CQ

Yahoo group: V4Protocol
Date: 2011-12-30 17:55:43 UTC
From: Tomas Hood
Topic: 2107 Message: 2682

Well, I have egg on my face; I am sure, now, that my newby status is in plain evidence. My receive audio level, while great for all other modes, was not in the green for the V4 modem. It was just under. So, I am increasing my receive audio to place it about 1/3 in the green. Now I just await someone on 14.073 whith whom I can make a QSO.

Thank you for such simple and timely help.

On Fri, Dec 30, 2011 at 10:43 AM, Rick Muething <rmuething@cfl.rr.com>wrote:

**
> Your AGC should be fast to medium and the signal level on the V4 TNC
> receive level indicator should be “in the green”.
>

--
Tomas David Hood (Amateur Radio, NW7US)
<http://NW7US.us/>

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2683. Calling CQ @14.072.5 Mhz

Yahoo group: V4Protocol
Date: 2011-12-31 19:58:27 UTC
From: kj5xftl
Topic: 2683 Message: 2683

Folks,
Looks like V4 chat activity is picking up... finally!
Anyhow, 14.073 is busy so I have started calling CQ at 14.072.5 Mhz.

Current time: 19:58 UTC

73,
Tony L., (KJ5XF)

2684. V4 1.0.1.0 -- frequency bug with TS-590S

Yahoo group: V4Protocol
Date: 2012-01-02 21:33:58 UTC
From: Ian Wade G3NRW
Topic: 2684 Message: 2684

Rick

You may recall some time ago I suggested you use the "IF" CAT command instead of the "FA" command to read the VFO frequency.

Well, with the TS-590S I have just stumbled across a situation where "FA" definitely gives the wrong answer on the V4 frequency display. This arises when you select a memory on the radio. The display frequency on the radio changes to the stored frequency, *but "FA" does not change*.

For example, if the VFO was originally at 14.073, then you select 28.073 from a memory, the V4 frequency display remains at 14.073.

This is a bug. To fix it, you need to get the frequency with the "IF" command instead of "FA". The "IF" command gives you the *displayed* frequency, which is not necessarily the same as the VFO frequency. I had to read the "PC Control Command Reference Guide" very carefully to appreciate the difference.

Now I understand why Simon HB9DRV uses "IF" not "FA" in HRD.

I suspect the same bug will apply to other Kenwood radios as well.

--
73
Ian, G3NRW

2685. Re: [V4Protocol] V4 1.0.1.0 -- frequency bug with TS-590S

Yahoo group: V4Protocol
Date: 2012-01-02 21:49:47 UTC
From: Rick Muething
Topic: 2684 Message: 2685

Thanks Ian I'll take a look. Of course the control setup is for not intended to use memory frequencies since sets of the frequency (e.g. from the mini log) are always done using VFO A.

Rick KN6KB

From: Ian Wade G3NRW
Sent: Monday, January 02, 2012 4:33 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 1.0.1.0 -- frequency bug with TS-590S

Rick

You may recall some time ago I suggested you use the "IF" CAT command instead of the "FA" command to read the VFO frequency.

Well, with the TS-590S I have just stumbled across a situation where "FA" definitely gives the wrong answer on the V4 frequency display. This arises when you select a memory on the radio. The display frequency on the radio changes to the stored frequency, *but "FA" does not change*.

For example, if the VFO was originally at 14.073, then you select 28.073 from a memory, the V4 frequency display remains at 14.073.

This is a bug. To fix it, you need to get the frequency with the "IF" command instead of "FA". The "IF" command gives you the *displayed* frequency, which is not necessarily the same as the VFO frequency. I had to read the "PC Control Command Reference Guide" very carefully to appreciate the difference.

Now I understand why Simon HB9DRV uses "IF" not "FA" in HRD.

I suspect the same bug will apply to other Kenwood radios as well.

--
73
Ian, G3NRW

2686. Re: [V4Protocol] V4 1.0.1.0 -- frequency bug with TS-590S

Yahoo group: V4Protocol
Date: 2012-01-02 22:17:33 UTC
From: Ian Wade G3NRW
Topic: 2684 Message: 2686

___Original Message_____________________________________
From: Rick Muething <rmuething@...>
Date: Mon, 2 Jan 2012 Time: 16:49:47

>Thanks Ian I'll take a look. Of course the control setup is for not
>intended to use memory frequencies since sets of the frequency (e.g.
>from the mini log) are always done using VFO A.
>
>Rick KN6KB
>

Understood, but you still need to display and log the frequency that is
actually in use by the radio, irrespective of whether it is a memory
channel or not.

--
73
Ian, G3NRW

2687. QRV V4 7073 KHz USB now

Yahoo group: V4Protocol
Date: 2012-01-09 17:45:01 UTC
From: Juhani
Topic: 2687 Message: 2687

73 "Yussi" OH7TE

2688. Re: QRV V4 7073 KHz USB now

Yahoo group: V4Protocol
Date: 2012-01-09 18:24:52 UTC
From: gigisapoo
Topic: 2687 Message: 2688

--- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>
>
> 73 "Yussi" OH7TE
>
hallo Yussi I'm calling at 7073 but nobody answer! hi will try later 73 gigi ik2mxm

2689. V4 QRV 7045

Yahoo group: V4Protocol
Date: 2012-01-10 21:10:41 UTC
From: Juhani
Topic: 2303 Message: 2689

This is "free" QRG in EU. 73 Yussi OH7TE

2690. V4 QSO's on 7045

Yahoo group: V4Protocol
Date: 2012-01-10 22:54:09 UTC
From: Juhani
Topic: 2690 Message: 2690

Worked Alex M0SFR; also connected to LA1AEA but Alfred faded out... 72 Yussi OH7TE

2691. Re: [V4Protocol] V4 QSO's on 7045

Yahoo group: V4Protocol
Date: 2012-01-11 00:51:53 UTC
From: Alex Shafarenko
Topic: 2690 Message: 2691

Thanks Yussi, great first QSO on 40m V4.

73!

Alex

On 10 Jan 2012, at 22:54, Juhani wrote:

> Worked Alex M0SFR; also connected to LA1AEA but Alfred faded out... 72 Yussi OH7TE
>
>

2692. transatlantic V4

Yahoo group: V4Protocol
Date: 2012-01-11 00:58:44 UTC
From: Alex Shafarenko
Topic: 2692 Message: 2692

Any stateside members for a sked on 7045kc?

73!
Alex M0SFR

2693. Re: transatlantic V4

Yahoo group: V4Protocol
Date: 2012-01-11 02:51:51 UTC
From: Steve Michaels
Topic: 2692 Message: 2693

Connected to YT7TU in Pancevo Condx poor with thunderstorms in area.. Had to give up.
DE N4AY

2694. QRV V4 7073 KHz USB now

Yahoo group: V4Protocol
Date: 2012-01-14 20:05:26 UTC
From: Juhani
Topic: 2687 Message: 2694

Maybe backround like "sauna" but visit abt very 15 min. 73 "Yussi" OH7TE

2695. V4 QRV 28073

Yahoo group: V4Protocol
Date: 2012-01-18 09:30:32 UTC
From: Juhani
Topic: 2695 Message: 2695

73 "Yussi" OH7TE

2696. Is there a LINUX version ?

Yahoo group: V4Protocol
Date: 2012-01-18 10:49:10 UTC
From: g3zxx
Topic: 2696 Message: 2696

Hi All,

As you might have already guessed, I run LINUX. Specifically MINT 12, which is basically a derivation of Ubuntu.

Very NEW to the group, so I'm very sorry if I'm going over old ground, or I've missed something.

I've had a quick search through the messages, and found a couple of references to Linux, but not been able to determine if there is a Linux variant.

I note that there is no specific download for it.

Is there a Linux version ?

Is anyone working on a Linux version ?

Is it not possible to migrate it to Linux ?

Any constructive feedback would be much appreciated.

Cheers & 73's
Dave, G3ZXX.

2697. Re: [V4Protocol] Is there a LINUX version ?

Yahoo group: V4Protocol
Date: 2012-01-18 14:15:18 UTC
From: Rick Muething
Topic: 2696 Message: 2697

Dave,

There is currently no Linux version though I have shared the Microsoft VB.NET 2010 source with a Linux developer. The issue is it is a significant task to 1) Convert the V4 TNC to Linux and verify it is a correct implementation of the V4 Protocol and 2) Create a Linux based client like V4Chat to use the TNC. Mac users have had success using Parallels on late model Apples but that doesn't apply to Linux. If there are SERIOUS (read skilled and committed!) Linux developers that want to work with the VB.NET source I will be happy to send it to them and help some but I don't have the time to run a DSP programming school and I insist that any porting effort be supported so Linux users are not left with unsupported programs.

Rick Muething, KN6KB

From: g3zxx
Sent: Wednesday, January 18, 2012 5:49 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Is there a LINUX version ?

Hi All,

As you might have already guessed, I run LINUX. Specifically MINT 12, which is basically a derivation of Ubuntu.

Very NEW to the group, so I'm very sorry if I'm going over old ground, or I've missed something.

I've had a quick search through the messages, and found a couple of references to Linux, but not been able to determine if there is a Linux variant.

I note that there is no specific download for it.

Is there a Linux version ?

Is anyone working on a Linux version ?

Is it not possible to migrate it to Linux ?

Any constructive feedback would be much appreciated.

Cheers & 73's
Dave, G3ZXX.

2698. Re: Is there a LINUX version ?

Yahoo group: V4Protocol
Date: 2012-01-18 17:59:25 UTC
From: g3zxx
Topic: 2696 Message: 2698

Hi Rick,

Thanks for the info, much appreciated.

I look forward to reading that someone with significantly more skills than I have, having taken up the challenge, at some point.

If anyone does take on the task, I'd be more than happy to get involved with any testing that may be needed.

Cheers & 73's
Dave, G3ZXX.

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Dave,
>
> There is currently no Linux version though I have shared the Microsoft VB.NET 2010 source with a Linux developer. The issue is it is a significant task to 1) Convert the V4 TNC to Linux and verify it is a correct implementation of the V4 Protocol and 2) Create a Linux based client like V4Chat to use the TNC. Mac users have had success using Parallels on late model Apples but that doesnâ□□t apply to Linux. If there are SERIOUS (read skilled and committed!) Linux developers that want to work with the VB.NET source I will be happy to send it to them and help some but I donâ□□t have the time to run a DSP programming school and I insist that any porting effort be supported so Linux users are not left with unsupported programs.
>
> Rick Muething, KN6KB
>
> From: g3zxx
> Sent: Wednesday, January 18, 2012 5:49 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Is there a LINUX version ?
>
>
> Hi All,
>
> As you might have already guessed, I run LINUX. Specifically MINT 12, which is basically a derivation of Ubuntu.
>
> Very NEW to the group, so I'm very sorry if I'm going over old ground, or I've missed something.
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> I note that there is no specific download for it.
>
> Is there a Linux version ?

>
> Is anyone working on a Linux version ?
>
> Is it not possible to migrate it to Linux ?
>
> Any constructive feedback would be much appreciated.
>
> Cheers & 73's
> Dave, G3ZXX.
>

2699. V4 QRV again 28073

Yahoo group: V4Protocol
Date: 2012-01-19 12:35:20 UTC
From: Juhani
Topic: 2699 Message: 2699

Skip at least to Italy is ok now. 73 Yussi OH7TE

2700. Re: [V4Protocol] V4 QRV again 28073

Yahoo group: V4Protocol
Date: 2012-01-19 14:09:54 UTC
From: gigisapo
Topic: 2699 Message: 2700

hi Yussi you still at 28073 ? I'm trying but nobody answ ciao 73 Gigi
----- Original Message -----
From: Juhani
To: V4Protocol@yahoogroups.com
Sent: Thursday, January 19, 2012 1:35 PM
Subject: [V4Protocol] V4 QRV again 28073

Skip at least to Italy is ok now. 73 Yussi OH7TE

2701. Re: Is there a LINUX version ?

Yahoo group: V4Protocol
Date: 2012-01-21 22:58:13 UTC
From: kc2axu
Topic: 2696 Message: 2701

I to would love to hear someone came out with a version for linux. I hate having to switch computers and radios every time I want to go from FLdigi to V-4, both are great programs. My problem is that my main shack computer is a Dell Optiplex SX-280 running Ubuntu 11.04 which beats MS Windows for speed and versatility & speed... So having a V-4 program for Linux would be the cats meow...

--- In V4Protocol@yahoogroups.com, "g3zxx" <g3zxx@...> wrote:
>
> Hi Rick,
>
> Thanks for the info, much appreciated.
>
> I look forward to reading that someone with significantly more skills than I have, having taken up the challenge, at some point.
>
> If anyone does take on the task, I'd be more than happy to get involved with any testing that may be needed.
>
> Cheers & 73's
> Dave, G3ZXX.
>
>

2702. Re: [V4Protocol] Re: Is there a LINUX version ?

Yahoo group: V4Protocol
Date: 2012-01-22 14:38:12 UTC
From: Rick Muething
Topic: 2696 Message: 2702

Dave,

I am willing to work with any serious Linux developer by sharing the VB.NET 2010 source and helping with development questions. What is needed however is committed (I would estimate about 3-6 man months required if the programmer can read the VB.NET and has some DSP experience). But another important requirement is a commitment for on-going support which is never trivial on these complex evolving DSP programs.

I don’t have the time or Linux experience to do the Linux port myself but I am willing to help, and encourage.

Rick KN6KB, Author of V4 and WINMOR

From: kc2axu
Sent: Saturday, January 21, 2012 5:58 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Is there a LINUX version ?

I to would love to hear someone came out with a version for linux. I hate having to switch computers and radios every time I want to go from FLdigi to V-4, both are great programs. My problem is that my main shack computer is a Dell Optiplex SX-280 running Ubuntu 11.04 which beats MS Windows for speed and versatility & speed... So having a V-4 program for Linux would be the cats meow...

--- In mailto:V4Protocol%40yahoogroups.com, "g3zxx" <g3zxx@...> wrote:
>
> Hi Rick,
>
> Thanks for the info, much appreciated.
>
> I look forward to reading that someone with significantly more skills than I have, having taken up the challenge, at some point.
>
> If anyone does take on the task, I'd be more than happy to get involved with any testing that may be needed.
>
> Cheers & 73's
> Dave, G3ZXX.
>
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1416 / Virus Database: 2109/4757 - Release Date: 01/21/12

2703. Announcing the 160m Band Utilization Chart - 26 Jan 2012

Yahoo group: V4Protocol
Date: 2012-01-26 09:28:34 UTC
From: Ian Wade G3NRW
Topic: 2703 Message: 2703

Announcing the 160m Band Utilization Chart - 26 Jan 2012, at:

http://homepage.ntlworld.com/wadei/160m_band_utilization.htm

The "160m Band Utilization Chart" is exactly that. It is not a "bandplan", nor even an "unofficial bandplan". Rather, it is an attempt to graphically portray the modes that are actually in use on 160m today.

The chart does not tell you where people *should* operate. It tells you where people actually *do* operate.

Although the essence of the chart is to show actual use of the band, the bandplans for each of the three IARU Regions are also included for reference, as they differ significantly in some respects between the regions.

There is a clear distinction on the chart between dial frequencies and emitted frequencies, helping you to accurately set the correct frequency and to identify signals as they appear on the waterfall.

This release is very sparse, and I know it could do with improvement. Please study it carefully, and if you spot any errors or omissions, please let me know as soon as possible, to

mailto: g3nrw-radio@...

In particular, I would like to know details of any other digital activity on the band (including MT63, Throb, Hell, Olivia, MFSK16 etc). And V4, of course!

If you are interested in digital operation on 160, you should join the new Top Band Digital Group (TBD160) to keep up to date with current thinking:

http://groups.yahoo.com/group/TBD160

And if your preference is for 30m operation, there is a similar chart at:

http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

--
73
Ian, G3NRW

The 160m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/160m_band_utilization.htm

The Top Band Digital Group (TBD160):
http://groups.yahoo.com/group/TBD160

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

2704. Re: Announcing the 160m Band Utilization Chart - 26 Jan 2012

Yahoo group: V4Protocol
Date: 2012-01-28 12:30:48 UTC
From: Peter Z.
Topic: 2703 Message: 2704

Ian,

mni thanks!

Looking at the charts, plus realising that they are "as is" and not "should be" charts, it dawned on me how much effort, dedication and how many hours must have gone into them!

Extremely valuable!

Being a less than casual digital op, I can´t much contribute to keeping them up to date, I´m afraid.

Let´s hope that V4 will stand out from the charts, sooner or later!

Cheers, 73, Peter Z.

--- In V4Protocol@yahoogroups.com, Ian Wade G3NRW <g3nrw-radio@...> wrote:
>
> Announcing the 160m Band Utilization Chart - 26 Jan 2012, at:
>
> http://homepage.ntlworld.com/wadei/160m_band_utilization.htm
>
> The "160m Band Utilization Chart" is exactly that. It is not a
> "bandplan", nor even an "unofficial bandplan". Rather, it is an attempt
> to graphically portray the modes that are actually in use on 160m today.
>
> The chart does not tell you where people *should* operate. It tells you
> where people actually *do* operate.
>
> Although the essence of the chart is to show actual use of the band, the
> bandplans for each of the three IARU Regions are also included for
> reference, as they differ significantly in some respects between the
> regions.
>
> There is a clear distinction on the chart between dial frequencies and
> emitted frequencies, helping you to accurately set the correct frequency
> and to identify signals as they appear on the waterfall.
>
> This release is very sparse, and I know it could do with improvement.
> Please study it carefully, and if you spot any errors or omissions,
> please let me know as soon as possible, to
>
> mailto: g3nrw-radio@...
>
> In particular, I would like to know details of any other digital
> activity on the band (including MT63, Throb, Hell, Olivia, MFSK16 etc).
> And V4, of course!

>
> If you are interested in digital operation on 160, you should join the
> new Top Band Digital Group (TBD160) to keep up to date with current
> thinking:
>
> http://groups.yahoo.com/group/TBD160
>
>
> And if your preference is for 30m operation, there is a similar chart
> at:
>
> http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
>
> --
> 73
> Ian, G3NRW
>
> The 160m Band Utilization Chart:
> http://homepage.ntlworld.com/wadei/160m_band_utilization.htm
>
> The Top Band Digital Group (TBD160):
> http://groups.yahoo.com/group/TBD160
>
> The 30m Band Utilization Chart:
> http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
>

2705. Re: V4 CHAT

Yahoo group: V4Protocol
Date: 2012-02-14 13:25:53 UTC
From: Daniel V. Wolff, Jr.
Topic: 704 Message: 2705

The Holidays have passed and I've been hoping to find more V4 stations active. There has been some on-the-air V4 activity but not anywhere near what I might have expected after the Holidays. Perhaps what we need is a little more publicity. It would be nice to see the V4 modem included in 3rd party programs, such as FLDigi, MultiPSK, and others. At the same time, it would be nice to see an annual on-the-air event (i.e. V4 QSO party, V4 Roundup, etc.) to promote this mode.

Just my open thoughts on the subject. Even our V4-Chat Yahoo group has been rather quite.

73,

Daniel V. Wolff, Jr.
DL4VCW / KA7AGN / AEM1WF (MARS)
<http://www.qsl.net/dl4vcw/> http://www.qsl.net/dl4vcw/

<http://www.qsl.net/ka7agn/> http://www.qsl.net/ka7agn/

<http://www.qsl.net/aem1wf/> http://www.qsl.net/aem1wf/

Classification: UNCLASSIFIED
Caveats: NONE

- - - - - - - - - - - -

<http://groups.yahoo.com/group/V4Protocol/message/2656;_ylc=X3oDMTJyN3FpMGNj
BF9TAzk3MzU5NzE1BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMyNjU2
BHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzEzMjUwNzE3OTQ-> V4 CHAT

Posted by: "jgmags2000"
<mailto:jgmags2000@...?Subject=%20Re%3A%20V4%20CHAT>
jgmags2000@... <http://profiles.yahoo.com/jgmags2000> jgmags2000

Tue Dec 27, 2011 9:07 pm (PST)

To all V4 users,
When the program was in its development stage many users showed much enthusiasm for the program and many helped with suggestions to help Rick(KN6KB)in arriving at the final revision. Now that that has been achieved, the usage has dropped off considerably. With the increase in band openings there should be much more activity. Rick has worked extremely hard to give us V4Chat so.... with the new year upon us lets try to rekindle that enthusiasm we all had at the outset.

Just my two cents worth.
73 and happy New year
John, KJ1J

2706. Re: V4 CHAT

Yahoo group: V4Protocol
Date: 2012-02-14 14:34:53 UTC
From: la7um
Topic: 704 Message: 2706

Daniel. I agree. I wonder if V4 could be downloadable outside the yahoo group. Maybe from the Winlink web site. Needs easy distribution I believe. 73 de LA7UM Finn

--- In V4Protocol@yahoogroups.com, "Daniel V. Wolff, Jr." <wolff.neidenbach@...> wrote:
>
>
>
> The Holidays have passed and I've been hoping to find more V4 stations
> active. There has been some on-the-air V4 activity but not anywhere near
> what I might have expected after the Holidays. Perhaps what we need is a
> little more publicity. It would be nice to see the V4 modem included in 3rd
> party programs, such as FLDigi, MultiPSK, and others. At the same time, it
> would be nice to see an annual on-the-air event (i.e. V4 QSO party, V4
> Roundup, etc.) to promote this mode.
>
>
>
> Just my open thoughts on the subject. Even our V4-Chat Yahoo group has been
> rather quite.
>
>
>
>
>
>
>
>
>
> 73,
>
>
>
> Daniel V. Wolff, Jr.
> DL4VCW / KA7AGN / AEM1WF (MARS)
> <http://www.qsl.net/dl4vcw/> http://www.qsl.net/dl4vcw/
>
> <http://www.qsl.net/ka7agn/> http://www.qsl.net/ka7agn/
>
> <http://www.qsl.net/aem1wf/> http://www.qsl.net/aem1wf/
>
>
>
> Classification: UNCLASSIFIED
> Caveats: NONE
>
>

>
> - - - - - - - - - - - -
>
>
>
>
>
> <http://groups.yahoo.com/group/V4Protocol/message/2656;_ylc=X3oDMTJyN3FpMGNj
> BF9TAzk3MzU5NzE1BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMyNjU2
> BHNlYwNkbXNnBHNsawN2bXNnBHN0aW1lAzEzMjUwNzE3OTQ-> V4 CHAT
>
>
> Posted by: "jgmags2000"
> <mailto:jgmags2000@...?Subject=%20Re%3A%20V4%20CHAT>
> jgmags2000@... <http://profiles.yahoo.com/jgmags2000> jgmags2000
>
>
> Tue Dec 27, 2011 9:07 pm (PST)
>
>
>
>
> To all V4 users,
> When the program was in its development stage many users showed much
> enthusiasm for the program and many helped with suggestions to help
> Rick(KN6KB)in arriving at the final revision. Now that that has been
> achieved, the usage has dropped off considerably. With the increase in band
> openings there should be much more activity. Rick has worked extremely hard
> to give us V4Chat so.... with the new year upon us lets try to rekindle that
> enthusiasm we all had at the outset.
>
> Just my two cents worth.
> 73 and happy New year
> John, KJ1J
>

2707. Re: [V4Protocol] Re: V4 CHAT

Yahoo group: V4Protocol
Date: 2012-02-14 19:27:41 UTC
From: Rick Muething
Topic: 704 Message: 2707

Daniel,

I agree with you in it would be nice to see some additional V4 activity. I will look into also providing a download capability for V4Chat on the WL2K FTP server in addition to the Yahoo server.

Some other points and issues:

1) I have a lot on my plate at the current time. The WL2K software needs important updates (RMS Express, RMSTrimode etc) and Vic Poor one of our major programmers is leaving on a year's sabbatical so the other volunteer programmers have to cover and handle any issues/updates to Vic's code. This leaves little time for additional V4 Programming right now.

2) The V4 TNC is documented and available to other developers to use. It is fairly easy to integrate (similar to a hardware TNC or the WINMOR virtual TNC). I would be more than happy to provide some limited help to other developers that want to integrate V4 into new or existing client programs. This has been done for WINMOR on a number of "3rd party" programs with success. The effort is roughly equivalent to writing a TNC driver.

3) I think a V4 contest or "roundup" would be a great idea. The logs (if the ADIF log is enabled) is compatible with most programs that can read ADIF formatted logs and that could make "scoring" the contest easier. Since grid squares are exchanged automatically on a connection something that encouraged how many grid squares worked might be fun and easy to do. I think there are plenty on the V4 reflector that could help with this. I can offer only limited time and support.

4) I still remain more than willing to provide help with any SERIOUS Linux programmer that wants to port V4 and/or V4Chat to Linux. I will supply the V4 VB.NET 2010 source and it may be possible to convert most of this if someone is familiar with Mono. My only requirements are:
a) This has to be a serious effort...It is probably a few man months...it is not a one-weekend re compile.
b) The resulting product has to be documented and supported. I don't want any unsupported V4 code out there... (Support means things like Help files, answering questions and fixing bugs).
c) The resulting Linux V4 program needs to be checked and verified that it is compatible with the current Windows V4 version and matches the V4 protocol.
d) This will require the Linux programmer be familiar with things like: DSP (FFT, wav files, sound cards etc), Real time programming, Multi threading. I just don't have the time to run a programming school especially in Linux. There is a CD of a DSP short course I did for TAPR at the 2010 DCC that some may find good if they have minimal DSP experience. See the TAPR web site (
http://www.tapr.org/pdf/DCC2010-DSPcourse-session1-KN6KB.pdf) for more info.

73,

Rick KN6KB

2708. Re: V4 CHAT

Yahoo group: V4Protocol
Date: 2012-02-15 01:14:42 UTC
From: la7um
Topic: 704 Message: 2708

Thanks Rick. I have privatly helped some hams sending the program privately to them, since non of them are Reflector users. Good to have a URL for this. 73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Daniel,
>
> I agree with you in it would be nice to see some additional V4 activity. I will look into also providing a download capability for V4Chat on the WL2K FTP server in addition to the Yahoo server.
>
> Some other points and issues:
>
> 1) I have a lot on my plate at the current time. The WL2K software needs important updates (RMS Express, RMSTrimode etc) and Vic Poor one of our major programmers is leaving on a yearâ□□s sabbatical so the other volunteer programmers have to cover and handle any issues/updates to Vicâ□□s code. This leaves little time for additional V4 Programming right now.
>
> 2) The V4 TNC is documented and available to other developers to use. It is fairly easy to integrate (similar to a hardware TNC or the WINMOR virtual TNC). I would be more than happy to provide some limited help to other developers that want to integrate V4 into new or existing client programs. This has been done for WINMOR on a number of â□□3rd partyâ□□ programs with success. The effort is roughly equivalent to writing a TNC driver.
>
> 3) I think a V4 contest or â□□roundupâ□□ would be a great idea. The logs (if the ADIF log is enabled) is compatible with most programs that can read ADIF formatted logs and that could make â□□scoringâ□□ the contest easier. Since grid squares are exchanged automatically on a connection something that encouraged how many grid squares worked might be fun and easy to do. I think there are plenty on the V4 reflector that could help with this. I can offer only limited time and support.
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> b) The resulting product has to be documented and supported. I donâ□□t want any unsupported V4 code out there... (Support means things like Help files, answering questions and fixing bugs).
> c) The resulting Linux V4 program needs to be checked and verified that it is compatible with the current Windows V4 version and matches the V4 protocol.
> d) This will require the Linux programmer be familiar with things like: DSP (FFT, wav files, sound cards etc), Real time programming, Multi threading. I just donâ□□t have the time to run a programming school especially in Linux. There is a CD of a DSP short course I did for TAPR at the 2010 DCC that some may find good if they have minimal DSP experience. See the TAPR web site (
> http://www.tapr.org/pdf/DCC2010-DSPcourse-session1-KN6KB.pdf) for more info.
>
> 73,
>

> Rick KN6KB
>

2710. Re: [V4Protocol] New HOWTO on Monitoring CAT Commands

Yahoo group: V4Protocol
Date: 2012-02-18 20:13:50 UTC
From: Ian Wade G3NRW
Topic: 2710 Message: 2710

___Original Message_____________________________________
From: Ian Wade G3NRW <g3nrw-radio@...>
Date: Thu, 16 Feb 2012 Time: 21:07:49

>Recently, while writing Excel VBA code for tools to manage the Kenwood
>TS-590S, I found the need to monitor the CAT commands issued by my
>software to the radio, and to check the responses from the radio.

[Snip]

I have just realized I included the wrong URL for the HHD Serial Monitor
in my HOWTO. The URL points to the paid-for version of HHD, whereas I
had intended to point to the free version.

The free version is available at:

http://www.serial-port-monitor.com/

There is no trial limit. I have been using it since last September,
without any request for payment.

The free program is called "free-serial-port-monitor.exe". The full
version is called "serial-monitor.exe" and is almost twice as big as the
free version.

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

2711. V-4 HAS STOPPED WORKING

Yahoo group: V4Protocol
Date: 2012-02-20 23:38:25 UTC
From: K4PDW
Topic: 2711 Message: 2711

Need help,
After several months away from V-4 I thought I would try it again on vhf.
Well it turns out that it has stopped working..My computer has gotten slower and a popup states that it can not continue "ie" When JIT debugging is enabled, any unhandled exception will be sent to the JIT debugger registered on the computer
rather than be handled by this dialog box. I know something has changed
....I can make test from the TNC but when i try to send a message the popup blocks V-4 ..I have the option of continue or close.Trying to continue will not get me anywhere. Any ideas, I liked MY V-4 just the way it was ...Maybe a early version will work HELP!
BTW, I'm using Windows XP Pro.

2712. Re: [V4Protocol] V-4 HAS STOPPED WORKING

Yahoo group: V4Protocol
Date: 2012-02-21 00:49:21 UTC
From: ED WOODS
Topic: 2711 Message: 2712

news to me, other than in the hood, don't see if it wud reach and touch anyone. Ed WD9DVA
----- Original Message -----
From: K4PDW
To: V4Protocol@yahoogroups.com
Sent: Monday, February 20, 2012 23:38
Subject: [V4Protocol] V-4 HAS STOPPED WORKING

Need help,
After several months away from V-4 I thought I would try it again on vhf.
Well it turns out that it has stopped working..My computer has gotten slower and a popup states that it can not continue "ie" When JIT debugging is enabled, any unhandled exception will be sent to the JIT debugger registered on the computer
rather than be handled by this dialog box. I know something has changed
....I can make test from the TNC but when i try to send a message the popup blocks V-4 ..I have the option of continue or close.Trying to continue will not get me anywhere. Any ideas, I liked MY V-4 just the way it was ...Maybe a early version will work HELP!
BTW, I'm using Windows XP Pro.

2713. Update to TS-590S Digital HOWTO

Yahoo group: V4Protocol
Date: 2012-02-21 17:11:43 UTC
From: Ian Wade G3NRW
Topic: 2713 Message: 2713

I have just updated my TS-590S Digital HOWTO.

New material includes a 4-page "Nutshell" section explaining the basic principles of AFSK, VOX and PTT operation in the radio.

To download the HOWTO, go to the TS-590S Resources Page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

Scroll down to the "HOWTOs" section, then click on the link:

"HOWTO set up the Kenwood TS-590S for Digital Data and Digital Voice Operation"

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

2714. V4 QRV 28073 & BPQ chat testing in OH

Yahoo group: V4Protocol
Date: 2012-02-24 10:54:20 UTC
From: Juhani
Topic: 2714 Message: 2714

Now QRV becautse 10m is open.
Yesterday was first complete BPQ chat testing by V4 on the world on 3590. Node station was OH5RM-8. 73 "Yussi" OH7TE

2715. Re: V-4 HAS STOPPED WORKING

Yahoo group: V4Protocol
Date: 2012-02-24 12:29:22 UTC
From: ham
Topic: 2711 Message: 2715

A few basic questions.
1. Do other functions work on your PC normally? If not, perhaps you have malware on your PC? Did you recently install any new updates? If so, roll these back if you can.

If your PC is normal other than V4, try re-installing V4. You can contact me off this list if you are still stuck. Programs just don't stop working without a good reason. :-((

73, Bernie

--- In V4Protocol@yahoogroups.com, "ED WOODS" <wd9dva@...> wrote:
>
> news to me, other than in the hood, don't see if it wud reach and touch anyone. Ed WD9DVA
> ----- Original Message -----
> From: K4PDW
> To: V4Protocol@yahoogroups.com
> Sent: Monday, February 20, 2012 23:38
> Subject: [V4Protocol] V-4 HAS STOPPED WORKING
>
>
>
> Need help,
> After several months away from V-4 I thought I would try it again on vhf.
> Well it turns out that it has stopped working..My computer has gotten slower and a popup states that it can not continue "ie" When JIT debugging is enabled, any unhandled exception
> will be sent to the JIT debugger registered on the computer
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> ....I can make test from the TNC but when i try to send a message the popup blocks V-4 ..I have the option of continue or close.Trying to continue will not get me anywhere. Any ideas, I liked MY V-4 just the way it was ...Maybe a early version will work HELP!
> BTW, I'm using Windows XP Pro.
>

2716. UPDATE// V-4 HAS STOPPED WORKING DATE

Yahoo group: V4Protocol
Date: 2012-02-26 02:22:29 UTC
From: K4PDW
Topic: 2716 Message: 2716

AFTER A LOT OF TRY'S AND MANY HOUR OF TRIAL AND ERROR I FOUND THE PROBLEM A SLOW COMPUTER WITH OUTDATED DOT NET SOFTWARE. IF I CLICKED ON THE DESKTOP ICON "V4 CHAT" IT TOOK SO LONG TO COME UP IT WOULD CRASH AND THEN THE TNC WOULD LOAD BUT WOULD NOT TRANSMIT FROM THE CHAT LINE OR SEND A ARQ CALL. SO I WENT INTO THE FOLDER AND PLACED EACH PROGRAM ON MY DESKTOP AS SEPARATE ICONS. THING IS I MUST BRING UP THE TNC FIRST THEN THE V4 CHAT AFTERWORD BEFORE THE PROGRAM WILL WORK .. A DIRTY WAY TO GET THE PROGRAM TO WORK BUT IT IS NOW WORKING.. IT WORKS BOTH ARQ AND FEC SO GO FIGURE.. ANY IDEAS ANYONE TO FIX IT BUT NOW I CAN GET BACK ON THE AIR.

2717. RE: [V4Protocol] UPDATE// V-4 HAS STOPPED WORKING DATE

Yahoo group: V4Protocol
Date: 2012-02-26 02:40:48 UTC
From: Dr Fred Hambrecht
Topic: 2716 Message: 2717

How much memory do you have on your computer?

Fred W4JLE

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of K4PDW
Sent: Saturday, February 25, 2012 9:22 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] UPDATE// V-4 HAS STOPPED WORKING DATE

AFTER A LOT OF TRY'S AND MANY HOUR OF TRIAL AND ERROR I FOUND THE PROBLEM A SLOW COMPUTER WITH OUTDATED DOT NET SOFTWARE. IF I CLICKED ON THE DESKTOP ICON "V4 CHAT" IT TOOK SO LONG TO COME UP IT WOULD CRASH AND THEN THE TNC WOULD LOAD BUT WOULD NOT TRANSMIT FROM THE CHAT LINE OR SEND A ARQ CALL. SO I WENT INTO THE FOLDER AND PLACED EACH PROGRAM ON MY DESKTOP AS SEPARATE ICONS. THING IS I MUST BRING UP THE TNC FIRST THEN THE V4 CHAT AFTERWORD BEFORE THE PROGRAM WILL WORK .. A DIRTY WAY TO GET THE PROGRAM TO WORK BUT IT IS NOW WORKING.. IT WORKS BOTH ARQ AND FEC SO GO FIGURE.. ANY IDEAS ANYONE TO FIX IT BUT NOW I CAN GET BACK ON THE AIR.

2718. Re: UPDATE// V-4 HAS STOPPED WORKING DATE

Yahoo group: V4Protocol
Date: 2012-02-26 14:57:32 UTC
From: ham
Topic: 2716 Message: 2718

My experience with computers indicates that slow response usually means not enough memory or you just have too many processes running.

For XP and XP Pro you need 750Mb for decent response
For Windows 7, you should have at least 2 Gb of memory...

Even an old computer can get a boost by adding more memory; memory is very cheap now; I bought 1Gb of used memory for $15.00 at a local computer store a month ago.

73, Bernie

--- In V4Protocol@yahoogroups.com, "Dr Fred Hambrecht" <w4jle@...> wrote:
>
> How much memory do you have on your computer?
>
>
>
> Fred W4JLE
>
>
>
> _____
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@...m] On
> Behalf Of K4PDW
> Sent: Saturday, February 25, 2012 9:22 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] UPDATE// V-4 HAS STOPPED WORKING DATE
>
>
>
>
>
> AFTER A LOT OF TRY'S AND MANY HOUR OF TRIAL AND ERROR I FOUND THE PROBLEM A
> SLOW COMPUTER WITH OUTDATED DOT NET SOFTWARE. IF I CLICKED ON THE DESKTOP
> ICON "V4 CHAT" IT TOOK SO LONG TO COME UP IT WOULD CRASH AND THEN THE TNC
> WOULD LOAD BUT WOULD NOT TRANSMIT FROM THE CHAT LINE OR SEND A ARQ CALL. SO
> I WENT INTO THE FOLDER AND PLACED EACH PROGRAM ON MY DESKTOP AS SEPARATE
> ICONS. THING IS I MUST BRING UP THE TNC FIRST THEN THE V4 CHAT AFTERWORD
> BEFORE THE PROGRAM WILL WORK .. A DIRTY WAY TO GET THE PROGRAM TO WORK BUT
> IT IS NOW WORKING.. IT WORKS BOTH ARQ AND FEC SO GO FIGURE.. ANY IDEAS
> ANYONE TO FIX IT BUT NOW I CAN GET BACK ON THE AIR.
>

2719. V4 activity

Yahoo group: V4Protocol
Date: 2012-03-05 15:06:03 UTC
From: Martin P
Topic: 2719 Message: 2719

Hello to the group,

I am a new member and have just installed the V4 software and am now looking for some activity on the bands so that I can do some monitoring before I dive into a QSO. Is there a list of QRGs please?

73 de Martin, G4FFC

2720. Re: [V4Protocol] V4 activity

Yahoo group: V4Protocol
Date: 2012-03-05 16:14:42 UTC
From: Fred G -w1wyc
Topic: 2719 Message: 2720

The most popular is 14073.00 dial, 14074.50 CF (Center Frequency) - 1.5Khz above dial. Hopefully catch you there sometime.

73 & GL,
Fred, W1WYC, FN42jm

----- Original Message -----
From: Martin P
To: V4Protocol@yahoogroups.com
Sent: Monday, March 05, 2012 10:06 AM
Subject: [V4Protocol] V4 activity

Hello to the group,

I am a new member and have just installed the V4 software and am now looking for some activity on the bands so that I can do some monitoring before I dive into a QSO. Is there a list of QRGs please?

73 de Martin, G4FFC

2721. Re: [V4Protocol] V4 activity

Yahoo group: V4Protocol
Date: 2012-03-05 17:27:54 UTC
From: Ian Wade G3NRW
Topic: 2719 Message: 2721

___Original Message_____________________________________
From: Fred G -w1wyc <f_garside@...>
Date: Mon, 5 Mar 2012 Time: 11:14:42

>
>The most popular is 14073.00 dial, 14074.50 CF (Center Frequency) -
>1.5Khz above dial.

Also on 30m: 10.131 dial and 10.136 dial.

http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

--
73
Ian, G3NRW

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

2722. Re: [V4Protocol] V4 activity

Yahoo group: V4Protocol
Date: 2012-03-05 17:32:53 UTC
From: Fred G -w1wyc
Topic: 2719 Message: 2722

Hi Ian,

I haven't worked on 30M much. I'll give it a shot sometime and hopefully catch up with you.

73,
Fred, W1WYC

----- Original Message -----
From: Ian Wade G3NRW
To: V4Protocol@yahoogroups.com
Sent: Monday, March 05, 2012 12:27 PM
Subject: Re: [V4Protocol] V4 activity

___Original Message_____
From: Fred G -w1wyc <f_garside@...>
Date: Mon, 5 Mar 2012 Time: 11:14:42

>
>The most popular is 14073.00 dial, 14074.50 CF (Center Frequency) -
>1.5Khz above dial.

Also on 30m: 10.131 dial and 10.136 dial.

http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

--
73
Ian, G3NRW

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

2723. Re: [V4Protocol] V4 activity

Yahoo group: V4Protocol
Date: 2012-03-05 17:35:30 UTC
From: Steinar Hanssen
Topic: 2719 Message: 2723

Hearing weak signals on 14.073 right now but I cannot copy anything

Regards LA5LIA

Steinar

Den 05.03.2012 18:32, skrev Fred G -w1wyc:
>
> Hi Ian,
> I haven't worked on 30M much. I'll give it a shot sometime and
> hopefully catch up with you.
> 73,
> Fred, W1WYC
>
> ----- Original Message -----
> *From:* Ian Wade G3NRW <mailto:g3nrw-radio@...>
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Monday, March 05, 2012 12:27 PM
> *Subject:* Re: [V4Protocol] V4 activity
>
> ___Original Message_____
> From: Fred G -w1wyc <f_garside@...
> <mailto:f_garside@...>>
> Date: Mon, 5 Mar 2012 Time: 11:14:42
>
> >
> >The most popular is 14073.00 dial, 14074.50 CF (Center Frequency) -
> >1.5Khz above dial.
>
> Also on 30m: 10.131 dial and 10.136 dial.
>
> http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
>
> --
> 73
> Ian, G3NRW
>
> The 30m Band Utilization Chart:
> http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
>
>

--
Steinar Hanssen

2724. Update to Digital HOWTO: 5 March 2012

Yahoo group: V4Protocol
Date: 2012-03-05 18:39:06 UTC
From: Ian Wade G3NRW
Topic: 2724 Message: 2724

I have just updated my digital HOWTO to version 1.5. Apart from some minor amendments, there are two new appendices that answer the questions:

1. How do I prevent Windows "sounds" appearing on my transmissions?

2. How do I monitor USB device status?

Although the HOWTO is aimed specifically at the Kenwood TS-590S, these two appendices contain material that is relevant to almost any transceiver.

To download the HOWTO, go to the TS-590S Resources Page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

Scroll down to the "HOWTOs" section, then click on the link:

"HOWTO set up the Kenwood TS-590S for Digital Data and Digital Voice Operation".

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

2725. Re: V4 activity

Yahoo group: V4Protocol
Date: 2012-03-06 09:49:55 UTC
From: Martin P
Topic: 2719 Message: 2725

Thank you for the reply Fred, I have heard and decoded signals on 20mtrs now, so looks like its working.

Martin.

--- In V4Protocol@yahoogroups.com, "Fred G -w1wyc" <f_garside@...> wrote:
>
> The most popular is 14073.00 dial, 14074.50 CF (Center Frequency) - 1.5Khz above dial.
> Hopefully catch you there sometime.
>
> 73 & GL,
> Fred, W1WYC, FN42jm
>
> ----- Original Message -----
> From: Martin P
> To: V4Protocol@yahoogroups.com
> Sent: Monday, March 05, 2012 10:06 AM
> Subject: [V4Protocol] V4 activity
>
>
>
> Hello to the group,
>
> I am a new member and have just installed the V4 software and am now looking for some activity on the bands so that I can do some monitoring before I dive into a QSO. Is there a list of QRGs please?
>
> 73 de Martin, G4FFC
>

2726. Re: [V4Protocol] Re: V4 activity

Yahoo group: V4Protocol
Date: 2012-03-06 17:07:57 UTC
From: gigisapo
Topic: 2719 Message: 2726

Hi Martin G4FFC
I copied you at 10.38a.m. and seemed to work well, but the spread was very short and we have exchanged a few comments after that was not possible to maintain the link. Anyway welcome to v4 chat mode I'll hope to copy you soon hi hi GIGI IK2MXM 73
----- Original Message -----
From: Martin P
To: V4Protocol@yahoogroups.com
Sent: Tuesday, March 06, 2012 10:49 AM
Subject: [V4Protocol] Re: V4 activity

Thank you for the reply Fred, I have heard and decoded signals on 20mtrs now, so looks like its working.

Martin.

--- In V4Protocol@yahoogroups.com, "Fred G -w1wyc" <f_garside@...> wrote:
>
> The most popular is 14073.00 dial, 14074.50 CF (Center Frequency) - 1.5Khz above dial.
> Hopefully catch you there sometime.
>
> 73 & GL,
> Fred, W1WYC, FN42jm
>
> ----- Original Message -----
> From: Martin P
> To: V4Protocol@yahoogroups.com
> Sent: Monday, March 05, 2012 10:06 AM
> Subject: [V4Protocol] V4 activity
>
>
>
> Hello to the group,
>
> I am a new member and have just installed the V4 software and am now looking for some activity on the bands so that I can do some monitoring before I dive into a QSO. Is there a list of QRGs please?
>
> 73 de Martin, G4FFC
>

2727. Re: [V4Protocol] Re: V4 activity

Yahoo group: V4Protocol
Date: 2012-03-06 17:20:20 UTC
From: gigisapo
Topic: 2719 Message: 2727

----- Original Message -----
From: gigisapo
To: V4Protocol@yahoogroups.com
Sent: Tuesday, March 06, 2012 6:16 PM
Subject: Re: [V4Protocol] Re: V4 activity

----- Original Message -----
From: gigisapo
To: V4Protocol@yahoogroups.com
Sent: Tuesday, March 06, 2012 6:07 PM
Subject: Re: [V4Protocol] Re: V4 activity

Hi Martin G4FFC
I copied you at 10.38a.m. and seemed to work well, but the spread was very short and we have exchanged a few comments after that was not possible to maintain the link. Anyway welcome to v4 chat mode I'll hope to copy you soon hi hi GIGI IK2MXM 73
----- Original Message -----
From: Martin P
To: V4Protocol@yahoogroups.com
Sent: Tuesday, March 06, 2012 10:49 AM
Subject: [V4Protocol] Re: V4 activity

Thank you for the reply Fred, I have heard and decoded signals on 20mtrs now, so looks like its working.

Martin.

--- In V4Protocol@yahoogroups.com, "Fred G -w1wyc" <f_garside@...> wrote:
>
> The most popular is 14073.00 dial, 14074.50 CF (Center Frequency) - 1.5Khz above dial.
> Hopefully catch you there sometime.
>
> 73 & GL,
> Fred, W1WYC, FN42jm
>
> ----- Original Message -----
> From: Martin P
> To: V4Protocol@yahoogroups.com
> Sent: Monday, March 05, 2012 10:06 AM
> Subject: [V4Protocol] V4 activity
>
>
>
> Hello to the group,
>
> I am a new member and have just installed the V4 software and am now looking for some

activity on the bands so that I can do some monitoring before I dive into a QSO. Is there a list of QRGs please?
>
> 73 de Martin, G4FFC
>

2728. Re: [V4Protocol] Re: V4 activity

Yahoo group: V4Protocol
Date: 2012-03-06 17:16:43 UTC
From: gigisapo
Topic: 2719 Message: 2728

----- Original Message -----
From: gigisapo
To: V4Protocol@yahoogroups.com
Sent: Tuesday, March 06, 2012 6:07 PM
Subject: Re: [V4Protocol] Re: V4 activity

Hi Martin G4FFC
I copied you at 10.38a.m. and seemed to work well, but the spread was very short and we have exchanged a few comments after that was not possible to maintain the link. Anyway welcome to v4 chat mode I'll hope to copy you soon hi hi GIGI IK2MXM 73
----- Original Message -----
From: Martin P
To: V4Protocol@yahoogroups.com
Sent: Tuesday, March 06, 2012 10:49 AM
Subject: [V4Protocol] Re: V4 activity

Thank you for the reply Fred, I have heard and decoded signals on 20mtrs now, so looks like its working.

Martin.

--- In V4Protocol@yahoogroups.com, "Fred G -w1wyc" <f_garside@...> wrote:
>
> The most popular is 14073.00 dial, 14074.50 CF (Center Frequency) - 1.5Khz above dial.
> Hopefully catch you there sometime.
>
> 73 & GL,
> Fred, W1WYC, FN42jm
>
> ----- Original Message -----
> From: Martin P
> To: V4Protocol@yahoogroups.com
> Sent: Monday, March 05, 2012 10:06 AM
> Subject: [V4Protocol] V4 activity
>
>
>
> Hello to the group,
>
> I am a new member and have just installed the V4 software and am now looking for some activity on the bands so that I can do some monitoring before I dive into a QSO. Is there a list of QRGs please?
>
> 73 de Martin, G4FFC
>

2729. About latest Version?

Yahoo group: V4Protocol
Date: 2012-03-06 20:46:31 UTC
From: Î□Ï□Ï□Ï□Î±Ï□
Topic: 2729 Message: 2729

Hello
Version 1.0.1.0 is the latest one? Is any website where we can visit for new versions or only via file section of this reflector?
73 Costas SV4FFL

2730. Re: [V4Protocol] About latest Version?

Yahoo group: V4Protocol
Date: 2012-03-06 21:15:33 UTC
From: Rick Muething
Topic: 2729 Message: 2730

As described in the help the program is auto updating and will (if enabled) auto update to the latest version. The latest version is also always on the V4 reflector files page as it always has been for those that can't/won't auto update.

I am not aware of any serious bugs currently. I am presently swamped with some other software tasks relating to Winlink (WL2K) and WINMOR but if something serious shows up I will try and fix it.

Rick KN6KB

From: ÎšÏ‰ÏƒÏ„Î±Ï‚
Sent: Tuesday, March 06, 2012 3:46 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] About latest Version?

Hello
Version 1.0.1.0 is the latest one? Is any website where we can visit for new versions or only via file section of this reflector?
73 Costas SV4FFL

2731. Re: V4 activity

Yahoo group: V4Protocol
Date: 2012-03-06 21:54:54 UTC
From: Martin P
Topic: 2719 Message: 2731

Hello Gigi, thank you for my first QSO in V4. I dont know what happened for the link to drop, it seemed to be working fine until then but hope to see you on screen again soon.
73 de Martin, G4FFC

--- In V4Protocol@yahoogroups.com, "gigisapo" <gigisapo@...> wrote:
>
> Hi Martin G4FFC
> I copied you at 10.38a.m. and seemed to work well, but the spread was very short and we have exchanged a few comments after that was not possible to maintain the link. Anyway welcome to v4 chat mode I'll hope to copy you soon hi hi GIGI IK2MXM 73

2732. MemSet590 updated with new U.S. 60m channels

Yahoo group: V4Protocol
Date: 2012-03-12 01:28:11 UTC
From: Ian Wade G3NRW
Topic: 2732 Message: 2732

MemSet590 is an Excel program that lets you automatically set up the memories in the Kenwood TS-590S. Once you have defined the memory settings in the spreadsheet, you can then click on the Upload button to transfer these settings to the radio. In the opposite direction, you can click on the Download button, to transfer all the radio's memory settings to the spreadsheet.

MemSet590 has now been updated with the five new U.S. 60m channels, following ARRL's Recommended Practices for 60m. Otherwise the program is unchanged from the previous version.

To install MemSet590:
~~~~~~
1. Create a dedicated folder on your PC -- for example, C:\MemSet590.

2. Go to the TS-590S Resources Page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

3. Scroll down to the "MEMSET590" section, then click on the links to download the program and documentation files.
~~~~~~

--
73
Ian, G3NRW

2733. Error message from WIN7

Yahoo group: V4Protocol
Date: 2012-03-18 23:52:55 UTC
From: la7um
Topic: 2733 Message: 2733

Hi, a buddy has got the file, accepted by Norton and Norman, but his WIN7 sais:"this file appears to be harmful to your computer and is therefore blocked".

He tells me that it doesn't help lowering level on his firewall and shield either.

So far he has not told me more about details.

I have XP Home at home, and have no problem. I am unfamiliar with WIN7

Any ideas?

73. Finn/LA7UM

2734. Re: [V4Protocol] Error message from WIN7

Yahoo group: V4Protocol
Date: 2012-03-19 08:17:58 UTC
From: Rick Muething
Topic: 2733 Message: 2734

In WIN7 files that are potentially dangerous (.exe, .zip, etc) that are received by email are set by properties to be save. You simply go in and change the properties that allow them to be opened (eg. for zip files).

Rick KN6KB

From: la7um
Sent: Sunday, March 18, 2012 7:52 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Error message from WIN7

Hi, a buddy has got the file, accepted by Norton and Norman, but his WIN7 sais:"this file appears to be harmful to your computer and is therefore blocked".

He tells me that it doesn't help lowering level on his firewall and shield either.

So far he has not told me more about details.

I have XP Home at home, and have no problem. I am unfamiliar with WIN7

Any ideas?

73. Finn/LA7UM

2735. Re: V4 activity

Yahoo group: V4Protocol
Date: 2012-03-19 08:49:01 UTC
From: sm5zbs
Topic: 2719 Message: 2735

Hi,

recently I installed V4Chat. It works great. Is there anybody in Europe, who wants to try with me this mode? I would prefer the 40-, 30-, 20-, and 80m-band in the evenings. You can communicate with me in Swedish, German and English. Looking forward in seeing you on my screen.

vy 73 Volker SM5ZBS

--- In V4Protocol@yahoogroups.com, "gigisapo" <gigisapo@...> wrote:
>
>
> ----- Original Message -----
> From: gigisapo
> To: V4Protocol@yahoogroups.com
> Sent: Tuesday, March 06, 2012 6:07 PM
> Subject: Re: [V4Protocol] Re: V4 activity
>
>
> Hi Martin G4FFC
> I copied you at 10.38a.m. and seemed to work well, but the spread was very short and we have exchanged a few comments after that was not possible to maintain the link. Anyway welcome to v4 chat mode I'll hope to copy you soon hi hi GIGI IK2MXM 73
> ----- Original Message -----
> From: Martin P
> To: V4Protocol@yahoogroups.com
> Sent: Tuesday, March 06, 2012 10:49 AM
> Subject: [V4Protocol] Re: V4 activity
>
>
>
> Thank you for the reply Fred, I have heard and decoded signals on 20mtrs now, so looks like its working.
>
> Martin.
>
> --- In V4Protocol@yahoogroups.com, "Fred G -w1wyc" <f_garside@> wrote:
> >
> > The most popular is 14073.00 dial, 14074.50 CF (Center Frequency) - 1.5Khz above dial.
> > Hopefully catch you there sometime.
> >
> > 73 & GL,
> > Fred, W1WYC, FN42jm
> >
> > ----- Original Message -----
> > From: Martin P

> > To: V4Protocol@yahoogroups.com
> > Sent: Monday, March 05, 2012 10:06 AM
> > Subject: [V4Protocol] V4 activity
> >
> >
> >
> > Hello to the group,
> >
> > I am a new member and have just installed the V4 software and am now looking for some activity on the bands so that I can do some monitoring before I dive into a QSO. Is there a list of QRGs please?
> >
> > 73 de Martin, G4FFC
> >
>

2736. Re: Error message from WIN7

Yahoo group: V4Protocol
Date: 2012-03-19 11:36:39 UTC
From: la7um
Topic: 2733 Message: 2736

Thanks Rick. I'll forward the answer, and then there will be a new V4 User from LA, + probably also RMS E/Winmor. A TS TS590 owner. 73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> In WIN7 files that are potentially dangerous (.exe, .zip, etc) that are received by email are set by properties to be save. You simply go in and change the properties that allow them to be opened (eg. for zip files).
>
> Rick KN6KB
>
>
> From: la7um
> Sent: Sunday, March 18, 2012 7:52 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Error message from WIN7
>
>
> Hi, a buddy has got the file, accepted by Norton and Norman, but his WIN7 sais:"this file appears to be harmful to your computer and is therefore blocked".
>
> He tells me that it doesn't help lowering level on his firewall and shield either.
>
> So far he has not told me more about details.
>
> I have XP Home at home, and have no problem. I am unfamiliar with WIN7
>
> Any ideas?
>
> 73. Finn/LA7UM
>

2737. Re: Error message from WIN7

Yahoo group: V4Protocol
Date: 2012-03-20 01:07:34 UTC
From: la7um
Topic: 2733 Message: 2737

Rick. I have sent ur workaround to my local friend la8en. No joy. Same issue. Ur workaround did not work. He has now: W7 ultimate wich gives no property changing options according to him.
New ideas? He has just gone from XP and Vista to WIN7 Ultimate. 73 de LA7UM Finn.

--- In V4Protocol@yahoogroups.com, "la7um" <la7um@...> wrote:
>
> Thanks Rick. I'll forward the answer, and then there will be a new V4 User from LA, + probably also RMS E/Winmor. A TS TS590 owner. 73 Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> >
> > In WIN7 files that are potentially dangerous (.exe, .zip, etc) that are received by email are set by properties to be save. You simply go in and change the properties that allow them to be opened (eg. for zip files).
> >
> > Rick KN6KB
> >
> >
> > From: la7um
> > Sent: Sunday, March 18, 2012 7:52 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] Error message from WIN7
> >
> >
> > Hi, a buddy has got the file, accepted by Norton and Norman, but his WIN7 sais:"this file appears to be harmful to your computer and is therefore blocked".
> >
> > He tells me that it doesn't help lowering level on his firewall and shield either.
> >
> > So far he has not told me more about details.
> >
> > I have XP Home at home, and have no problem. I am unfamiliar with WIN7
> >
> > Any ideas?
> >
> > 73. Finn/LA7UM
> >
>

2738. Re: [V4Protocol] Re: Error message from WIN7

Yahoo group: V4Protocol
Date: 2012-03-20 09:55:53 UTC
From: Rick Muething
Topic: 2733 Message: 2738

Finn,

He is not looking at or reading about permissions in Win 7

This should apply to all Win 7 versions I believe.

On the zip file as received via email.

1) Save the file to a working area ...some scratch directory.
2) Bring up the file explorer and right click on the zip file and select properties
3) The properties window should have 4 tabs General, Security, Details, Previous Versions
4) On the General tab if the file has been blocked at the bottom is a Security notice: “This file came from another computer and might be blocked to protect this computer” Click on the Unblock button. Then Apply and OK This will remove the block and permit unzipping.

Rick

From: la7um
Sent: Monday, March 19, 2012 9:07 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Error message from WIN7

Rick. I have sent ur workaround to my local friend la8en. No joy. Same issue. Ur workaround did not work. He has now: W7 ultimate wich gives no property changing options according to him.
New ideas? He has just gone from XP and Vista to WIN7 Ultimate. 73 de LA7UM Finn.

--- In mailto:V4Protocol%40yahoogroups.com, "la7um" <la7um@...> wrote:
>
> Thanks Rick. I'll forward the answer, and then there will be a new V4 User from LA, + probably also RMS E/Winmor. A TS TS590 owner. 73 Finn/LA7UM
>
> --- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> >
> > In WIN7 files that are potentially dangerous (.exe, .zip, etc) that are received by email are set by properties to be save. You simply go in and change the properties that allow them to be opened (eg. for zip files).
> >
> > Rick KN6KB
> >
> >
> > From: la7um
> > Sent: Sunday, March 18, 2012 7:52 PM
> > To: mailto:V4Protocol%40yahoogroups.com
> > Subject: [V4Protocol] Error message from WIN7
> >

> >
> > Hi, a buddy has got the file, accepted by Norton and Norman, but his WIN7 sais:"this file appears to be harmful to your computer and is therefore blocked".
> >
> > He tells me that it doesn't help lowering level on his firewall and shield either.
> >
> > So far he has not told me more about details.
> >
> > I have XP Home at home, and have no problem. I am unfamiliar with WIN7
> >
> > Any ideas?
> >
> > 73. Finn/LA7UM
> >
>

2739. Re: V4 activity

Yahoo group: V4Protocol
Date: 2012-03-20 11:29:05 UTC
From: Martin P
Topic: 2719 Message: 2739

Hello Volker, I too have just installed the software. Have copied a few stations on 14.073 and have had one QSO but conditions were not good and the link went after a few minutes. Would like to try a QSO with you some time.
73 de Martin, G4FFC

--- In V4Protocol@yahoogroups.com, "sm5zbs" <sm5zbs@...> wrote:
>
> Hi,
>
> recently I installed V4Chat. It works great. Is there anybody in Europe, who wants to try with me this mode? I would prefer the 40-, 30-, 20-, and 80m-band in the evenings. You can communicate with me in Swedish, German and English. Looking forward in seeing you on my screen.
>
> vy 73 Volker SM5ZBS
>

2740. Re: Error message from WIN7

Yahoo group: V4Protocol
Date: 2012-03-20 21:19:44 UTC
From: la7um
Topic: 2733 Message: 2740

Rick. Your 4 point directions made wonders. Thanks. Next step..puh is getting him download RMS Express as well, and try reseach towards the unmentioned TS590.

I find IC 7200 in setup (as we use in RMS WINMOR) mentioned, but not the Kenwood TS590 and not IC 7600 either. But I have heard about other norwegians running WINMOR on both those two rigs without any external SignaLink, so it probably works equally well with the the other similar radios and also on V4.

My guess is just download driver from Kenwood web site, like from Icom web site.

Then name the rig Kenwood, and look out for some added USB CODEC?

73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Finn,
>
> He is not looking at or reading about permissions in Win 7
>
> This should apply to all Win 7 versions I believe.
>
> On the zip file as received via email.
>
> 1) Save the file to a working area ...some scratch directory.
> 2) Bring up the file explorer and right click on the zip file and select properties
> 3) The properties window should have 4 tabs General, Security, Details, Previous Versions
> 4) On the General tab if the file has been blocked at the bottom is a Security notice:
> â□□This file came from another computer and might be blocked to protect this computerâ□□
> Click on the Unblock button. Then Apply and OK This will remove the block and permit unzipping.
>
> Rick
>
>
> From: la7um
> Sent: Monday, March 19, 2012 9:07 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Error message from WIN7
>
>
> Rick. I have sent ur workaround to my local friend la8en. No joy. Same issue. Ur workaround did not work. He has now: W7 ultimate wich gives no property changing options according to him.
> New ideas? He has just gone from XP and Vista to WIN7 Ultimate. 73 de LA7UM Finn.
>
> --- In mailto:V4Protocol%40yahoogroups.com, "la7um" <la7um@> wrote:

> >
> > Thanks Rick. I'll forward the answer, and then there will be a new V4 User from LA, + probably also RMS E/Winmor. A TS TS590 owner. 73 Finn/LA7UM
> >
> > --- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> > >
> > > In WIN7 files that are potentially dangerous (.exe, .zip, etc) that are received by email are set by properties to be save. You simply go in and change the properties that allow them to be opened (eg. for zip files).
> > >
> > > Rick KN6KB
> > >
> > >
> > > From: la7um
> > > Sent: Sunday, March 18, 2012 7:52 PM
> > > To: mailto:V4Protocol%40yahoogroups.com
> > > Subject: [V4Protocol] Error message from WIN7
> > >
> > >
> > > Hi, a buddy has got the file, accepted by Norton and Norman, but his WIN7 sais:"this file appears to be harmful to your computer and is therefore blocked".
> > >
> > > He tells me that it doesn't help lowering level on his firewall and shield either.
> > >
> > > So far he has not told me more about details.
> > >
> > > I have XP Home at home, and have no problem. I am unfamiliar with WIN7
> > >
> > > Any ideas?
> > >
> > > 73. Finn/LA7UM
> > >
> >
>

2741. Re: V4 activity

Yahoo group: V4Protocol
Date: 2012-03-23 18:25:20 UTC
From: sm5zbs
Topic: 2719 Message: 2741

Hello Martin,

tonight I tune my transceiver on 3590 kHz USB (Dial). V4Chat is stand by in order to receive CQ-Calls. Anybody is welcome to connect me in ARQ-mode. Just try.

vy 73 Volker SM5ZBS

--- In V4Protocol@yahoogroups.com, "Martin P" <martin.packer@...> wrote:
>
> Hello Volker, I too have just installed the software. Have copied a few stations on 14.073 and have had one QSO but conditions were not good and the link went after a few minutes. Would like to try a QSO with you some time.
> 73 de Martin, G4FFC
>
> --- In V4Protocol@yahoogroups.com, "sm5zbs" <sm5zbs@> wrote:
> >
> > Hi,
> >
> > recently I installed V4Chat. It works great. Is there anybody in Europe, who wants to try with me this mode? I would prefer the 40-, 30-, 20-, and 80m-band in the evenings. You can communicate with me in Swedish, German and English. Looking forward in seeing you on my screen.
> >
> > vy 73 Volker SM5ZBS
> >
>

2742. Re: V4 activity

Yahoo group: V4Protocol
Date: 2012-03-23 21:52:39 UTC
From: sm5zbs
Topic: 2719 Message: 2742

Hi,

tonight I had on 3950 kHz qso with ON4KVI, OH5RM-10 an OH6XI. M0SFR and IK2MXM tried to connect me. However after some seconds the connection broke down. My noiselevel was S7 - S8 caused by som tv sets. Thanks to all who had qso with me or tried to connect me.

vy 73 Volker SM5ZBS

--- In V4Protocol@yahoogroups.com, "sm5zbs" <sm5zbs@...> wrote:
>
> Hello Martin,
>
> tonight I tune my transceiver on 3590 kHz USB (Dial). V4Chat is stand by in order to receive CQ-Calls. Anybody is welcome to connect me in ARQ-mode. Just try.
>
> vy 73 Volker SM5ZBS
>
> --- In V4Protocol@yahoogroups.com, "Martin P" <martin.packer@> wrote:
> >
> > Hello Volker, I too have just installed the software. Have copied a few stations on 14.073 and have had one QSO but conditions were not good and the link went after a few minutes. Would like to try a QSO with you some time.
> > 73 de Martin, G4FFC
> >
> > --- In V4Protocol@yahoogroups.com, "sm5zbs" <sm5zbs@> wrote:
> > >
> > > Hi,
> > >
> > > recently I installed V4Chat. It works great. Is there anybody in Europe, who wants to try with me this mode? I would prefer the 40-, 30-, 20-, and 80m-band in the evenings. You can communicate with me in Swedish, German and English. Looking forward in seeing you on my screen.
> > >
> > > vy 73 Volker SM5ZBS
> > >
> >
>

2743. Re: V4 activity

Yahoo group: V4Protocol
Date: 2012-03-23 23:50:49 UTC
From: la7um
Topic: 2719 Message: 2743

Volker. Sorry. You have closed down too early. No joy, but msg through WINMOR OH2AV-5 went ok. 73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "sm5zbs" <sm5zbs@...> wrote:
>
> Hi,
>
> tonight I had on 3950 kHz qso with ON4KVI, OH5RM-10 an OH6XI. M0SFR and IK2MXM tried to connect me. However after some seconds the connection broke down. My noiselevel was S7 - S8 caused by som tv sets. Thanks to all who had qso with me or tried to connect me.
>
> vy 73 Volker SM5ZBS
>
> --- In V4Protocol@yahoogroups.com, "sm5zbs" <sm5zbs@> wrote:
> >
> > Hello Martin,
> >
> > tonight I tune my transceiver on 3590 kHz USB (Dial). V4Chat is stand by in order to receive CQ-Calls. Anybody is welcome to connect me in ARQ-mode. Just try.
> >
> > vy 73 Volker SM5ZBS
> >
> > --- In V4Protocol@yahoogroups.com, "Martin P" <martin.packer@> wrote:
> > >
> > > Hello Volker, I too have just installed the software. Have copied a few stations on 14.073 and have had one QSO but conditions were not good and the link went after a few minutes. Would like to try a QSO with you some time.
> > > 73 de Martin, G4FFC
> > >
> > > --- In V4Protocol@yahoogroups.com, "sm5zbs" <sm5zbs@> wrote:
> > > >
> > > > Hi,
> > > >
> > > > recently I installed V4Chat. It works great. Is there anybody in Europe, who wants to try with me this mode? I would prefer the 40-, 30-, 20-, and 80m-band in the evenings. You can communicate with me in Swedish, German and English. Looking forward in seeing you on my screen.
> > > >
> > > > vy 73 Volker SM5ZBS
> > > >
> > >
> > >
> >
>

2744. Vedr: [V4Protocol] Re: V4 activity

Yahoo group: V4Protocol
Date: 2012-03-24 09:10:06 UTC
From: Alfred Betti
Topic: 2719 Message: 2744

You were heard by LA1AEA in KQ20LB (Lakselv, Finnmark). After I came back from watching TV I found several stations on screen. Also some green text among the red.

CONNECT REQUEST SM5ZBS de HB9ARI @ 2012.03.23 19:26:24.336
CONNECT REQUEST CQ de OH5RM-10 @ 2012.03.23 19:36:34.239
CONNECT REQUEST ON4KVI de OH5RM-10 @ 2012.03.23 19:50:06.388
CONNECT REQUEST SM5ZBS de ON4KVI @ 2012.03.23 19:53:42.555

CONNECT REQUEST SM5BZS de OH6XI @ 2012.03.23 19:59:33.473
CONNECT REQUEST CQ de SM5ZBS @ 2012.03.23 20:10:51.584

Vy 73 de Alfred, LA1AEA

Fra: la7um <la7um@yahoo.com>
Til: V4Protocol@yahoogroups.com
Sendt: Lørdag, 24. mars 2012 0.50
Emne: [V4Protocol] Re: V4 activity

Volker. Sorry. You have closed down too early. No joy, but msg through WINMOR OH2AV-5 went ok. 73 de la7um Finn

--- In V4Protocol@yahoogroups.com, "sm5zbs" <sm5zbs@...> wrote:
>
> Hi,
>
> tonight I had on 3950 kHz qso with ON4KVI, OH5RM-10 an OH6XI. M0SFR and IK2MXM tried to connect me. However after some seconds the connection broke down. My noiselevel was S7 - S8 caused by som tv sets. Thanks to all who had qso with me or tried to connect me.
>
> vy 73 Volker SM5ZBS
>
> --- In V4Protocol@yahoogroups.com, "sm5zbs" <sm5zbs@> wrote:
> >
> > Hello Martin,
> >
> > tonight I tune my transceiver on 3590 kHz USB (Dial). V4Chat is stand by in order to receive CQ-Calls. Anybody is welcome to connect me in ARQ-mode. Just try.
> >
> > vy 73 Volker SM5ZBS
> >
> > --- In V4Protocol@yahoogroups.com, "Martin P" <martin.packer@> wrote:
> > >
> > > Hello Volker, I too have just installed the software. Have copied a few stations on 14.073 and have had one QSO but conditions were not good and the link went after a few minutes. Would like to try a QSO with you some time.

> > > 73 de Martin, G4FFC
> > >
> > > --- In V4Protocol@yahoogroups.com, "sm5zbs" <sm5zbs@> wrote:
> > > >
> > > > Hi,
> > > >
> > > > recently I installed V4Chat. It works great. Is there anybody in Europe, who wants to try with me this mode? I would prefer the 40-, 30-, 20-, and 80m-band in the evenings. You can communicate with me in Swedish, German and English. Looking forward in seeing you on my screen.
> > > >
> > > > vy 73 Volker SM5ZBS
> > > >
> > > >
> > >
>

2745. ARQ timeout ???

Yahoo group: V4Protocol
Date: 2012-03-24 19:50:31 UTC
From: sp5isz
Topic: 2745 Message: 2745

Greetings,

Some months ago I tried my luck with V4 on Kenwood 480, but results of T/R latency measurements were not satisfactory. Now I try on a different radio (ICOM 703) and different computer, using G4ZLP interface. My attempts to call ARQ CQ end after 6 transmit cycles with the following message:

DISCONNECTED ARQ Timeout. Outbound buffer purged at <timestamp here>

What the heck? Radio or computer too slow? I was unable to find meaning of the message in help file. Does anybody know why I got it?

73, Marek sp5isz

2746. RE: [V4Protocol] ARQ timeout ???

Yahoo group: V4Protocol
Date: 2012-03-24 20:16:10 UTC
From: Ray
Topic: 2745 Message: 2746

Marek, your program is operating perfectly. That is the way it is supposed to work. Nothing wrong with it or your rig. If anyone hears your CQ, they then can/will answer. Good luck!

Ray KB0E

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of sp5isz
Sent: Saturday, March 24, 2012 2:51 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] ARQ timeout ???

Greetings,

Some months ago I tried my luck with V4 on Kenwood 480, but results of T/R latency measurements were not satisfactory. Now I try on a different radio (ICOM 703) and different computer, using G4ZLP interface. My attempts to call ARQ CQ end after 6 transmit cycles with the following message:

DISCONNECTED ARQ Timeout. Outbound buffer purged at <timestamp here>

What the heck? Radio or computer too slow? I was unable to find meaning of the message in help file. Does anybody know why I got it?

73, Marek sp5isz

2747. How about a YouTube demo?

Yahoo group: V4Protocol
Date: 2012-03-24 21:20:17 UTC
From: w0aew
Topic: 2747 Message: 2747

Has one been done? I've "connected" with stations but neither of us actually exchanged any messages. Seems simple for those who already know, but I don't know if I'm missing a step or if the connection is too poor to proceed. I've had similar experiences with the ALE system (can connect but the link eventually times out...unable to proceed further). I've been told that was due to slow switching of my TenTec Argonaut V, that my computer is too slow, etc. etc.

Anyhow, a quick YouTube video would clear up some of these issues.

2748. RE: [V4Protocol] How about a YouTube demo?

Yahoo group: V4Protocol
Date: 2012-03-25 07:09:46 UTC
From: Lee Swanson
Topic: 2747 Message: 2748

After V4Chat advanced from version .5.1.9 to .5.2.x.x the software has performed flawlessly on an old FT900 Yaesu. My latency averages from 17 to 80. It's a sweet little program and works great for long-winded ragchew sessions. If anything is going to be the problem, it will more than likely be too slow of a keying relay. When you are calling CQ, pay close attention to what the latency is reading. The help files suggest that a latency less than 250ms. 20 meters is a fairly good place to hang out on 14,073 and 14,074 during daylight hours as long as there are not any weekend contests. I have had several 45 minute qsos on V4Chat with hardly any repeats. This mode along with ALE400 are making for some nice long-winded keyboard chats. Whatever you do, do not give up on V4Chat because one you get some good band condtions, you will have trouble find frequency space to squeak i n a contact.
I'll be listening on and off throught daylight hours on 14073 during the weekends.
NR5G

To: V4Protocol@yahoogroups.com
From: w0aew@...m
Date: Sat, 24 Mar 2012 21:20:17 +0000
Subject: [V4Protocol] How about a YouTube demo?

Has one been done? I've "connected" with stations but neither of us actually exchanged any messages. Seems simple for those who already know, but I don't know if I'm missing a step or if the connection is too poor to proceed. I've had similar experiences with the ALE system (can connect but the link eventually times out...unable to proceed further). I've been told that was due to slow switching of my TenTec Argonaut V, that my computer is too slow, etc. etc.

Anyhow, a quick YouTube video would clear up some of these issues.

2749. Re: [V4Protocol] How about a YouTube demo?

Yahoo group: V4Protocol
Date: 2012-03-25 12:08:15 UTC
From: Rick Muething
Topic: 2747 Message: 2749

Almost any modern computer and radio should run V4CHat and the V4 TNC. Slow “switching” is almost always caused by:
1) SignaLink USB or similar sound card/interface with the DLY set too long. Should ALWAYS be set to minimum for V4 and WINMOR
2) Using your radio’s VOX with its Delay or “Hold” control set too high. Again set to minimum as the help file describes.

The Latency is automatically measured by the program when you call a CQ or other station. Any latency measurement under 250 ms will be fine.

Many newcomers to V4 are not familiar with ARQ modes and how the “link” is turned over. Its fairly simple and described in the V4 Chat help.

I will always try and answer questions but I am pretty swamped right now on another project. Hopefully will have time this summer to work on some V4 enahancements.

73,

Rick Muething, KN6KB (V4, WINMOR Author)

From: w0aew
Sent: Saturday, March 24, 2012 5:20 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] How about a YouTube demo?

Has one been done? I've "connected" with stations but neither of us actually exchanged any messages. Seems simple for those who already know, but I don't know if I'm missing a step or if the connection is too poor to proceed. I've had similar experiences with the ALE system (can connect but the link eventually times out...unable to proceed further). I've been told that was due to slow switching of my TenTec Argonaut V, that my computer is too slow, etc. etc.

Anyhow, a quick YouTube video would clear up some of these issues.

2750. Calling CQ V4 3590 USB now

Yahoo group: V4Protocol
Date: 2012-03-26 18:49:23 UTC
From: Ian Wade G3NRW
Topic: 2750 Message: 2750

Calling CQ V4 3590 USB now.

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

2751. Re: [V4Protocol] Calling CQ V4 3590 USB now

Yahoo group: V4Protocol
Date: 2012-03-26 18:53:11 UTC
From: Karel Fassotte
Topic: 2750 Message: 2751

Hello call at 14.090
I will be QRV
karel
HR-PE2KFA/HC1AKP
73

2012/3/26 Ian Wade G3NRW <g3nrw-radio@...>

> **
>
>
> Calling CQ V4 3590 USB now.
>
> --
> 73
> Ian, G3NRW
>
> The TS-590S Resources Page:
> http://homepage.ntlworld.com/wadei/ts-590s.htm
>
>
>

2752. Re: [V4Protocol] Calling CQ V4 3590 USB now

Yahoo group: V4Protocol
Date: 2012-03-26 19:53:45 UTC
From: Ian Wade G3NRW
Topic: 2750 Message: 2752

___Original Message_____

To: g3nrw-radio@...
From: Ian Wade G3NRW <g3nrw-radio@...>
Date: Mon, 26 Mar 2012 Time: 19:49:23

>Calling CQ V4 3590 USB now.

I heard one S9 V4 signal, but could not resolve it. Also an incomplete
CW callsign: OH????

Now gone QRT.

--
73
Ian, G3NRW

2753. Re: Calling CQ V4 3590 USB now

Yahoo group: V4Protocol
Date: 2012-03-26 20:10:36 UTC
From: la7um
Topic: 2750 Message: 2753

14073 and 21073 has been the international "waterholes".

73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, Karel Fassotte <karel.fassotte@...> wrote:
>
> Hello call at 14.090
> I will be QRV
> karel
> HR-PE2KFA/HC1AKP
> 73
>
> 2012/3/26 Ian Wade G3NRW <g3nrw-radio@...>
>
> > **
> > >
> > >
> > > Calling CQ V4 3590 USB now.
> > >
> > > --
> > > 73
> > > Ian, G3NRW
> > >
> > > The TS-590S Resources Page:
> > > http://homepage.ntlworld.com/wadei/ts-590s.htm
> > >
> > >
> > >
>

2754. Re: [V4Protocol] ARQ timeout ???

Yahoo group: V4Protocol
Date: 2012-03-26 21:56:50 UTC
From: wb0kgn@q.com
Topic: 2745 Message: 2754

The Kenwood TS480 has a vox delay. Push in the keyboard number 6. Set the vox delay to zero. I was surprised to learn that the vox delay works for digital modes, and also is handy for sending c.w. using my amplifier. For other digi software that has an RSID, you will probably have to re-set the vox delay as there is a little break in the transmission before the text starts up.

Dave wb0kgn

LeSueur, Minnesota

----- Original Message -----

From: "sp5isz" <sp5isz@...>
To: V4Protocol@yahoogroups.com
Sent: Saturday, March 24, 2012 2:50:31 PM
Subject: [V4Protocol] ARQ timeout ???

Greetings,

Some months ago I tried my luck with V4 on Kenwood 480, but results of T/R latency measurements were not satisfactory. Now I try on a different radio (ICOM 703) and different computer, using G4ZLP interface. My attempts to call ARQ CQ end after 6 transmit cycles with the following message:

DISCONNECTED ARQ Timeout. Outbound buffer purged at <timestamp here>

What the heck? Radio or computer too slow? I was unable to find meaning of the message in help file. Does anybody know why I got it?

73, Marek sp5isz

2755. Re: Calling CQ V4 3590 USB now

Yahoo group: V4Protocol
Date: 2012-03-28 15:55:23 UTC
From: oh5rm
Topic: 2750 Message: 2755

I think you heard my BPQ node on 3590 V4.
A group of OH stations is active every evening on that frequency using
V4, Winmor, ALE400 and 300bd Packet.

OH5RM-8 Chat
OH5RM-5 Winlink RMS
OH5RM-6 BBS

73 Jouko OH5RM

--- In V4Protocol@yahoogroups.com, Ian Wade G3NRW <g3nrw-radio@...> wrote:
>
> ___Original Message_____
>
> To: g3nrw-radio@...
> From: Ian Wade G3NRW <g3nrw-radio@...>
> Date: Mon, 26 Mar 2012 Time: 19:49:23
>
> >Calling CQ V4 3590 USB now.
>
> I heard one S9 V4 signal, but could not resolve it. Also an incomplete
> CW callsign: OH????
>
> Now gone QRT.
>
> --
> 73
> Ian, G3NRW
>

2756. 30m Band Utilization Chart updated: 5 Apr 2012

Yahoo group: V4Protocol
Date: 2012-04-05 18:47:31 UTC
From: Ian Wade G3NRW
Topic: 2756 Message: 2756

I have today updated the 30m Band Utilization Chart:

http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Added Lentus at 10.139 and 10.1415
Removed VE3TO beacon at 10.13201
Removed SSB NATO LIBYA at 10.125
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

--
73
Ian, G3NRW

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

2757. Neat Program!

Yahoo group: V4Protocol
Date: 2012-04-09 03:48:40 UTC
From: ab9ta
Topic: 2757 Message: 2757

Just had my first V4 ARQ QSO with NR5G on 14.072 (Thanks Lee!) and things went pretty well in spite of my cockpit errors. I haven't had so much fun since I used AMTOR in the 80's. This is a very slick program..

I have a few questions though..

1. How do I get QSO's into the log?
2. I've configured the radio control for my TS-2000, but it doesn't seem to make any difference in the operation of the program.. I know the COM port works as I use it for other programs such as HRD, AirLink, MMSSTV, etc., and it works fine.. I have it set for radio control on one COM port and PTT on another.
3. I know 14.073 and 21.073 are two common frequencies, but how about the other bands?

A couple of suggestions,
1. Can the waterfall/tuning display be made larger? It's a little too hard to see on my current screen resolution.
2. It seems like the ARQ CQ only sends 5 CQ messages, could that be adjutable to a larger number of tries? This would help for getting the mode going where one could just set it to CQ for a longer period of time without needing so much human intervention.

All in all, I'm really looking forward to using this mode a lot more. Thanks for a really cool and easy to use program!

73!
Bill AB9TA

2758. V4chat Program

Yahoo group: V4Protocol
Date: 2012-04-09 04:30:24 UTC
From: jimferry@bellsouth.net
Topic: 2758 Message: 2758

How do I get a copy of the V4Chat program?

2759. Re: [V4Protocol] V4chat Program

Yahoo group: V4Protocol
Date: 2012-04-09 06:40:07 UTC
From: Jack Swift
Topic: 2758 Message: 2759

from the files tab of the group:

<http://f1.grp.yahoofs.com/v1/4HqCT_dx-Dlu8i4OlBzzqjSz5OJg5E6yrLnCiM91repKmxoA7nwJSx_lQ_oKM1pzyffbDGalJ2mTnVh5Zd1FRd-5iqb8B8UhTkwc6g/V4Chat%201.0.1.0%20Full%20Install.zip>

On Mon, Apr 9, 2012 at 12:30 AM, jimferry@...
<jimferry@...> wrote:
> How do I get a copy of the V4Chat program?
>
>

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
Houghton County ARES/RACES EC/RO
105 E. Douglass Ave.
Houghton, MI 49931
906-281-5300
EN57rc
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

2760. Re: [V4Protocol] Neat Program!

Yahoo group: V4Protocol
Date: 2012-04-09 11:31:54 UTC
From: Rick Muething
Topic: 2757 Message: 2760

Bill,
Thanks for your feedback.
I will try and answer some of your questions. The program has been pretty stable for the past several months and I am still currently tied up on some other tasks unless there are serious problems or issues.

1) Every QSO should go into the ADIF log. If you need an ADIF log viewer there are some recommended in the Help file.

2) The TS-2000 should work but mine is currently tied up so I can’t verify here. How are you keying the TS-2000. There have been reports of problems of using program PTT (via the control port) with the TS-2000.

3) We use this reflector to co ordinate “watering hole” frequencies. I would suggest posting to the reflector when you are going to be operating and choose a frequency in the digital band segment (not in the wide band auto forward segment) and posting on the reflector.

4) The waterfall is a fixed size so it matches (Pixel for FFT frequency bin) the program to minimize CPU loading. It would be complex and cause artifacts to allow it to be scaled. There is no need to tune precisely as with other modes. If you are within about a hundred Hz V4 will auto tune. You can increase the auto tuning range from +/- 100 Hz to +/- 200 Hz in the setup menu.

5) The CQ length is currently fixed as a good compromise between getting a connection and causing unnecessary interference. I can look into making it variable if others believe that is a useful thing. The program however is designed to be “manned” and not run unattended.

Thanks again for the feedback. I hope to have some time this summer to crank in some more capability and improve the performance of the V4 Protocol.

73,

Rick KN6KB

From: ab9ta
Sent: Sunday, April 08, 2012 11:48 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Neat Program!

Just had my first V4 ARQ QSO with NR5G on 14.072 (Thanks Lee!) and things went pretty well in spite of my cockpit errors. I haven't had so much fun since I used AMTOR in the 80's. This is a very slick program..

I have a few questions though..

1. How do I get QSO's into the log?
2. I've configured the radio control for my TS-2000, but it doesn't seem to make any

difference in the operation of the program.. I know the COM port works as I use it for other programs such as HRD, AirLink, MMSSTV, etc., and it works fine.. I have it set for radio control on one COM port and PTT on another.
3. I know 14.073 and 21.073 are two common frequencies, but how about the other bands?

A couple of suggestions,
1. Can the waterfall/tuning display be made larger? It's a little too hard to see on my current screen resolution.
2. It seems like the ARQ CQ only sends 5 CQ messages, could that be adjutable to a larger number of tries? This would help for getting the mode going where one could just set it to CQ for a longer period of time without needing so much human intervention.

All in all, I'm really looking forward to using this mode a lot more. Thanks for a really cool and easy to use program!

73!
Bill AB9TA

2761. CQ on 14.073 now

Yahoo group: V4Protocol
Date: 2012-04-10 22:03:54 UTC
From: Alex Shafarenko
Topic: 2761 Message: 2761

Alex, M0SFR

2762. Newbie

Yahoo group: V4Protocol
Date: 2012-04-15 17:14:56 UTC
From: flash1van
Topic: 229 Message: 2762

I just had my first chat on V4. Great fun. I have been on the group for some time and learning while the bugs were being worked out.

I am currently on 14.073 and hearing a bit of traffic. Hope to hear from some other stations soon.

73 de N8YOH sk

2763. Re: [V4Protocol] Newbie

Yahoo group: V4Protocol
Date: 2012-04-15 17:17:55 UTC
From: Eric Earl
Topic: 229 Message: 2763

Also heard you here in Atlanta working NR5G.

73's

Eric// KG4OZO// Atlanta.

----- Original Message -----
From: flash1van
To: V4Protocol@yahoogroups.com
Sent: Sunday, April 15, 2012 1:14 PM
Subject: [V4Protocol] Newbie

I just had my first chat on V4. Great fun. I have been on the group for some time and learning while the bugs were being worked out.

I am currently on 14.073 and hearing a bit of traffic. Hope to hear from some other stations soon.

73 de N8YOH sk

2764. Announcement -- TS-590S TechNote: SSB Audio Handling v1.0

Yahoo group: V4Protocol
Date: 2012-04-22 06:55:26 UTC
From: Ian Wade G3NRW
Topic: 2764 Message: 2764

TS-590S TechNote: SSB Audio Handling v1.0
==========

I have posted a new TS-590S TechNote on the TS-590S Resources Page.

The aims of the TechNote are:
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
-- To summarize the many features built into the TS-590S for handling SSB audio.

-- To dispel some of the myths and misunderstandings arising from Kenwood's inappropriate use of the word "DATA" in its documentation.
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Emphasis is on the *functionality* of the TS-590S, describing what the radio does, rather than how to operate it. For the most part, this document is not a HOWTO (although it does include step-by-step instructions for setting up TX and RX audio equalizer profiles using the ARCP-590 control program).

The TechNote also includes detailed information on how TX keying works, insofar as how it determines which audio input the radio uses when transmitting.

The document is a long one: 28 pages. Please take the time to read it thoroughly. It should present a consistent picture of how this wonderful radio works, and will hopefully clear up some of the misconceptions that have appeared on the reflectors from time to time.

I must acknowledge the people who reviewed early drafts of the document: Steve London (N2IC), Frank Riley (KK0K), Don Snodgrass (KG9OM), Rob Stampfli (KD8WK), Joe Subich (W4TV) and Jose Maria Trueba (EA2JX). Their contributions helped me turn the very rough first draft into something much more readable. Many thanks gentlemen!

To download the TechNote, go to the TS-590S Resources Page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

Scroll down to the "TECHNOTES" section, then click on the link:

"TS-590S TechNote: SSB Audio Handling".

As usual, if you find any errors in the document, or anything that isn't clear, please get back to me.

--
73

Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

2765. Re: [V4Protocol] Announcement -- TS-590S TechNote: SSB Audio Handling v1.0

Yahoo group: V4Protocol
Date: 2012-04-22 10:57:16 UTC
From: Rick Muething
Topic: 2764 Message: 2765

Wade,

Than you ...I'll try and read this in detail. It is something I have been looking for. It's a shame such potential radios as the TS-590 and IC 7200 with built in sound card capability are not well documented by their manufacturers.

Rick KN6KB

From: Ian Wade G3NRW
Sent: Sunday, April 22, 2012 2:55 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Announcement -- TS-590S TechNote: SSB Audio Handling v1.0

TS-590S TechNote: SSB Audio Handling v1.0
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much more readable. Many thanks gentlemen!

To download the TechNote, go to the TS-590S Resources Page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

Scroll down to the "TECHNOTES" section, then click on the link:

"TS-590S TechNote: SSB Audio Handling".

As usual, if you find any errors in the document, or anything that isn't clear, please get back to me.

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

2766. Re: [V4Protocol] Announcement -- TS-590S TechNote: SSB Audio Handling v1.0

Yahoo group: V4Protocol
Date: 2012-04-23 11:30:28 UTC
From: Rick Muething
Topic: 2764 Message: 2766

Ian,

I just had a chance to start reading the above document. EXCELLENT job on a much needed document. I will take some time and try and read through it all today .... I may have a question or two that would help me right the correct driver for the radio.

In general what do you think of the TS-590 and have you compared it to the Icom 7200? We have had access to a IC-7200 for a while and it works well with the built in sound card (though I have to say the Icom documentation for that is next to nothing)... It seems almost like they (Icom...I think Kenwood is better) don't really quite understand (or at least promote) the value that these radios offer in terms of simple connections and minimizing RF contamination of the audio. I am trying to obtain a TS-590 that we can use for testing in WL2K and I think we can handle it from some of our corporate donors (www.arsfi.org)

One thing I would be interested in too is if you have made any measurements (they aren't easy to measure) of the sample rate accuracy of the built in sound card. I suspect Kenwood and Icom are using a generic USB CODEC sound chip and many of these are designed to use a cheap xtal oscillator which is often not too accurate (or particularly stable) My tests on several low cost "USB plug in sound cards" showed a range of +/- 2000 ppm and sometimes worse. But the average was usually better say +/- 200-400 ppm. Strangely (I think it is a function of how the sound card chip creates the sample time base (or decimates the samples) the accuracy varies widely on the same chip/sound card depending on the sample rate. For example we found the "cardinal" sample rates of 12000, 48000, 96000 and 192000 were most accurate (typically +/- 400 ppm) but the other rates like 8000, 11025, 22050 and 44100 were sometimes much worse (up to +/- 8000 ppm in some cases). The SignaLink USB fell into this category and was one reason I changed the initial sample rate in WINMOR which was 8000 initially to 48000/12000. While such errors go almost unnoticed in things like voice for some DSP work like multi carrier PSK decoding they cause very big problems and can take a lot of CPU resources to correct especially over a wide audio bandwidth using multiple "carriers". To put in perspective the SCS modems (great but costly!) have a master time base in the +/- 10 ppm range...There is a reason they went to that trouble and expense.

I have been keeping up with (and making occasional contributions to) the work on a open source Voice codec (good voice quality at about 1200 bits/sec and 1500 Hz bandwidth). This is being done by David Rowe in Australia and it would be a perfect fit for a radio like the TS-590. David has achieved better performance than the proprietary CODEC used in the D-Star radios and I think will soon have the matching HF Modem ready for initial beta testing.

Again great work on the much needed document and thanks for providing it!

Rick KN6KB

From: Ian Wade G3NRW
Sent: Sunday, April 22, 2012 2:55 AM

To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Announcement -- TS-590S TechNote: SSB Audio Handling v1.0

TS-590S TechNote: SSB Audio Handling v1.0
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The document is a long one: 28 pages. Please take the time to read it thoroughly. It should present a consistent picture of how this wonderful radio works, and will hopefully clear up some of the misconceptions that have appeared on the reflectors from time to time.

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To download the TechNote, go to the TS-590S Resources Page:

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"TS-590S TechNote: SSB Audio Handling".

As usual, if you find any errors in the document, or anything that isn't clear, please get back to me.

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

2767. AW: [V4Protocol] Announcement -- TS-590S TechNote: SSB Audio Handling v1.0

Yahoo group: V4Protocol
Date: 2012-04-23 12:04:30 UTC
From: siegfried jackstien
Topic: 2764 Message: 2767

> I have been keeping up with (and making occasional contributions to) the
> work on a open source Voice codec (good voice quality at about 1200
> bits/sec and 1500 Hz bandwidth). This is being done by David Rowe in
> Australia and it would be a perfect fit for a radio like the TS-590.
> David has achieved better performance than the proprietary CODEC used in
> the D-Star radios and I think will soon have the matching HF Modem ready
> for initial beta testing.

Hello rick

Keep us informed when a beta test version of the codec (and front-end fort
he user) is available

Dg9bfc

Sigi

(time for me to get a second soundcard for the headset *g*)

2768. Re: [V4Protocol] Announcement -- TS-590S TechNote: SSB Audio Handling v1.0

Yahoo group: V4Protocol
Date: 2012-04-23 19:54:30 UTC
From: Ian Wade G3NRW
Topic: 2764 Message: 2768

___Original Message_____________________________________
From: Rick Muething <rmuething@...>
Date: Mon, 23 Apr 2012 Time: 07:30:28

>In general what do you think of the TS-590 and have you compared it to
>the Icom 7200?

Rick

My thoughts on the TS-590S tally very closely with most of the reviews on Eham -- in other words, I am extremely happy with it all round (but especially the receiver, which is outstanding for a radio in this price bracket). I have no experience of the IC-7200, so I can't offer any comparison.

>
>One thing I would be interested in too is if you have made any
>measurements (they aren’t easy to measure) of the sample rate accuracy
>of the built in sound card.

[Snip]

No, I haven't made any detailed sample rate accuracy measurements with the TS-590S or PC sound cards. That is something I want to look at in more detail. I have not played much with low-level signals or multiple carrier signals on this radio, where sampling accuracy can obviously make quite a difference.

>
>
>I suspect Kenwood and Icom are using a
>generic USB CODEC sound chip

The TS-590S uses the PCM2903B stereo audio CODEC:

http://www.ti.com/lit/ds/symlink/pcm2903b.pdf

>
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>Australia and it would be a perfect fit for a radio like the TS-590. David has
>achieved better performance than the proprietary CODEC used in the
>D-Star radios and I think will soon have the matching HF Modem ready for
>initial beta testing.

The whole world is very much looking forward to this!

Finally, all your comments are most interesting -- sorry I can't add much to them.

--
73
Ian, G3NRW

2769. Re: [V4Protocol] Announcement -- TS-590S TechNote: SSB Audio Handling v1.0

Yahoo group: V4Protocol
Date: 2012-04-23 20:35:00 UTC
From: Rick Muething
Topic: 2764 Message: 2769

Thanks Ian,

If I recall there is a fairly simple utility in Mix W that does a fair job of estimating Sound card sample rate. It uses the internal clock of the PC To calculate sound card sample rate over many thousand samples to get some form of a long term average. I guess the typical reference clock (time of day clock) in the PC is more accurate than typical sound card sample rate clocks and you get fairly repeatable results with this utility. Its probably not as good as using WWV or precision references but its easy to use and set up. I'll try and run some tests on the 7200 later in the week.

Rick KN6KB

From: Ian Wade G3NRW
Sent: Monday, April 23, 2012 3:54 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Announcement -- TS-590S TechNote: SSB Audio Handling v1.0

___Original Message_____
From: Rick Muething <mailto:rmuething%40cfl.rr.com>
Date: Mon, 23 Apr 2012 Time: 07:30:28

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>initial beta testing.

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much to them.

--
73
Ian, G3NRW

2770. AW: [V4Protocol] Announcement -- TS-590S TechNote: SSB Audio Handling v1.0

Yahoo group: V4Protocol
Date: 2012-04-24 21:05:27 UTC
From: siegfried jackstien
Topic: 2764 Message: 2770

Multipsk also has such a fuction

My onboard shows 47999 or 48000 when doin several tests ... so my soundchip seems to be

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Montag, 23. April 2012 20:35
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] Announcement -- TS-590S TechNote: SSB Audio
> Handling v1.0
>
>
>
> Thanks Ian,
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> probably not as good as using WWV or precision references but its easy to
> use and set up. I□ll try and run some tests on the 7200 later in the
> week.
>
> Rick KN6KB
>
> From: Ian Wade G3NRW <mailto:g3nrw-radio@ntlworld.com>
> Sent: Monday, April 23, 2012 3:54 PM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Announcement -- TS-590S TechNote: SSB Audio
> Handling v1.0
>
>
>
> ___Original Message_____
> From: Rick Muething <mailto:rmuething%40cfl.rr.com>
> Date: Mon, 23 Apr 2012 Time: 07:30:28
>
> >In general what do you think of the TS-590 and have you compared it to
> >the Icom 7200?

>
> Rick
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> >achieved better performance than the proprietary CODEC used in the
> >D-Star radios and I think will soon have the matching HF Modem ready for
> >initial beta testing.
>
> The whole world is very much looking forward to this!
>
> Finally, all your comments are most interesting -- sorry I can't add
> much to them.
>
> --
> 73

> Ian, G3NRW
>
>
>
>

2771. Re: Announcement -- TS-590S TechNote: SSB Audio Handling v1.0

Yahoo group: V4Protocol
Date: 2012-04-24 21:50:12 UTC
From: tuxsteveo
Topic: 2764 Message: 2771

When I open up my signalink it has a PCM2904 in it. I have looked at both the PCM2903a and PCM2904 spec sheets and the only differences I see is one works and 3.3 volts and one works at 5 volts.
Rick if you were to port the 590 to the trimode you would need toggle menu 63 to the port you wanted to transmit on acc for pactor and usb for winmor. You would also have to have menu 69 on for data vox for winmor to work. You could also get into the filters also. I have RMSE working on both Winmor internal sound card and Pactor with a SCS ProII on the acc port the will both receive at the same time. Winmor works great on the 590.(V4 also!!!)

73 Steve N9LOH

--- In V4Protocol@yahoogroups.com, Ian Wade G3NRW <g3nrw-radio@...> wrote:
>
> ___Original Message_____
> From: Rick Muething <rmuething@...>
> Date: Mon, 23 Apr 2012 Time: 07:30:28
>
> >In general what do you think of the TS-590 and have you compared it to
> >the Icom 7200?
>
> Rick
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>
> --
> 73
> Ian, G3NRW
>

2777. New TS-590S HOWTO: Digital QuickStart

Yahoo group: V4Protocol
Date: 2012-05-03 20:46:43 UTC
From: Ian Wade G3NRW
Topic: 2777 Message: 2777

When writing my SSB Audio Handling TechNote recently, I wanted to check out some of the more well-known digital communications packages to make sure they worked as expected. I made some brief configuration notes as I went along, and I have now put these notes into a new HOWTO.

Go to the TS-590S Resources Page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

Scroll down to the "HOWTOs" section, then click on the link:

"TS-590S HOWTO: Digital QuickStart"

The notes for each package are very brief, but hopefully just enough to get started.

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

2778. TS-590S HOWTO: Remote Operation (with a twist)

Yahoo group: V4Protocol
Date: 2012-05-07 08:08:41 UTC
From: Ian Wade G3NRW
Topic: 2778 Message: 2778

I have posted a new TS-590 HOWTO on Remote Operation. Go to the TS-590 Resources Page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

Scroll down to the end of the "HOWTOs" section, then click on the link:

"*** TS-590S HOWTO: Remote Operation".

The HOWTO has full details on setting up the TS-590S for remote operation over the internet, using Skype and TeamViewer.

The twist? The HOWTO also describes the capability of the TS-590S to send monitored sidetone audio along the same path as the RX audio. This means that from the comfort of your local PC you can listen to the radio's TX Monitor, letting you check and adjust the quality of the TX audio in (more or less) real time -- no more guessing how your signal might sound thousands of miles away!

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

2779. TS-590S Digital QuickStart -- major update to v1.2

Yahoo group: V4Protocol
Date: 2012-05-25 16:41:51 UTC
From: Ian Wade G3NRW
Topic: 2779 Message: 2779

It seems that the original version of the TS-590S Digital QuickStart was
just a little too quick for some people! So I have now considerably
expanded it.

The main changes include:
~~~~~~
* Added explanation of VOX and CAT TX keying

* Added MixW configuration details

* Added VOX setup details for several packages

* Added requirement for Fldigi TS-590S XML file
~~~~~~

Thanks to everyone who contributed useful feedback.

The QuickStart is accessible through the TS-590S Resources Page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

Scroll down to the "HOWTOs" section, then click on the link:

"TS-590S HOWTO: Digital QuickStart"

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

The TS-990S Resources Page:
http://homepage.ntlworld.com/wadei/ts-990.htm

2780. V4 Chat? Anybody Up?

Yahoo group: V4Protocol
Date: 2012-05-28 19:30:14 UTC
From: Rick Westerfield
Topic: 2780 Message: 2780

Hello,

I'm monitoring 14.086 dial / 14.0875 CF if anybody wants to do a little V4 Chat. It has been a while since hearing it on the bands.

Rick KH2DF

2781. RE: [V4Protocol] V4 Chat? Anybody Up?

Yahoo group: V4Protocol
Date: 2012-05-28 21:12:02 UTC
From: Lee Swanson
Topic: 2780 Message: 2781

Hey Rick you still on 14086 dial in v4 mode... I normally will call cq in v4 mode on 14073 usb dial freq..seems to be a decent hangout for v4 and other stuff like ale400 and ale141a...

To: V4Protocol@yahoogroups.com
From: r_lwesterfield@...
Date: Mon, 28 May 2012 14:30:14 -0500
Subject: [V4Protocol] V4 Chat? Anybody Up?

Hello, I’m monitoring 14.086 dial / 14.0875 CF if anybody wants to do a little V4 Chat. It has been a while since hearing it on the bands. Rick KH2DF

2782. RE: [V4Protocol] V4 Chat? Anybody Up?

Yahoo group: V4Protocol
Date: 2012-05-28 21:53:55 UTC
From: Kirk, K6KAR
Topic: 2780 Message: 2782
Attachments: 2 described; binary payloads are missing from this source WARC

I was on there earlier and called CQ a couple of times but no action!

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Lee Swanson
Sent: Monday, May 28, 2012 4:12 PM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 Chat? Anybody Up?

Hey Rick you still on 14086 dial in v4 mode... I normally will call cq in v4 mode on 14073 usb dial freq..seems to be a decent hangout for v4 and other stuff like ale400 and ale141a...

To: V4Protocol@yahoogroups.com
From: r_lwesterfield@...
Date: Mon, 28 May 2012 14:30:14 -0500
Subject: [V4Protocol] V4 Chat? Anybody Up?

Hello,

I'm monitoring 14.086 dial / 14.0875 CF if anybody wants to do a little V4 Chat. It has been a while since hearing it on the bands.

Rick KH2DF

2783. RE: [V4Protocol] V4 Chat? Anybody Up?

Yahoo group: V4Protocol
Date: 2012-05-28 22:00:53 UTC
From: Lee Swanson
Topic: 2780 Message: 2783

I am listening on 14073 dial
To: V4Protocol@yahoogroups.com
From: kirk.harding@...
Date: Mon, 28 May 2012 16:53:55 -0500
Subject: RE: [V4Protocol] V4 Chat? Anybody Up?

I was on there earlier and called CQ a couple of times but no action! Kirk, K6KAR From: V4Protocol@yahoogroups.com [mailto:V4Protocol@...m] On Behalf Of Lee Swanson
Sent: Monday, May 28, 2012 4:12 PM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 Chat? Anybody Up?
Hey Rick you still on 14086 dial in v4 mode... I normally will call cq in v4 mode on 14073 usb dial freq..seems to be a decent hangout for v4 and other stuff like ale400 and ale141a... To: V4Protocol@yahoogroups.com
From: r_lwesterfield@...
Date: Mon, 28 May 2012 14:30:14 -0500
Subject: [V4Protocol] V4 Chat? Anybody Up?

Hello, I’m monitoring 14.086 dial / 14.0875 CF if anybody wants to do a little V4 Chat. It has been a while since hearing it on the bands. Rick KH2DF

2784. RE: [V4Protocol] V4 Chat? Anybody Up?

Yahoo group: V4Protocol
Date: 2012-05-28 22:56:49 UTC
From: Rick Westerfield
Topic: 2780 Message: 2784

I hung out there a while but can go back to 14073 if anybody is still interested. It seemed like a busy freq earlier in the day.

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Lee Swanson
Sent: Monday, May 28, 2012 5:01 PM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 Chat? Anybody Up?

I am listening on 14073 dial

To: V4Protocol@yahoogroups.com
From: kirk.harding@...
Date: Mon, 28 May 2012 16:53:55 -0500
Subject: RE: [V4Protocol] V4 Chat? Anybody Up?

I was on there earlier and called CQ a couple of times but no action!

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Lee Swanson
Sent: Monday, May 28, 2012 4:12 PM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 Chat? Anybody Up?

Hey Rick you still on 14086 dial in v4 mode... I normally will call cq in v4 mode on 14073 usb dial freq..seems to be a decent hangout for v4 and other stuff like ale400 and ale141a...

To: V4Protocol@yahoogroups.com
From: r_lwesterfield@...
Date: Mon, 28 May 2012 14:30:14 -0500
Subject: [V4Protocol] V4 Chat? Anybody Up?

Hello,

I'm monitoring 14.086 dial / 14.0875 CF if anybody wants to do a little V4 Chat. It has been a while since hearing it on the bands.

Rick KH2DF

2785. Re: V4 Chat? Anybody Up?

Yahoo group: V4Protocol
Date: 2012-05-30 20:54:35 UTC
From: ham
Topic: 2780 Message: 2785

Interest in V4 seems to have waned. There was a lot of activity last summer but now, every time I listen on 14073, there are no V4 QSOs.

Consider using K3UK's SKED page if you are listening on 14073.

73, Bernie

--- In V4Protocol@yahoogroups.com, "Rick Westerfield" <r_lwesterfield@...> wrote:
>
> I hung out there a while but can go back to 14073 if anybody is still
> interested. It seemed like a busy freq earlier in the day.
>
>
>
> Rick KH2DF
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of Lee Swanson
> Sent: Monday, May 28, 2012 5:01 PM
> To: v4protocol@yahoogroups.com
> Subject: RE: [V4Protocol] V4 Chat? Anybody Up?
>
>
>
>
>
>
>
> I am listening on 14073 dial
>
> _____
>
> To: V4Protocol@yahoogroups.com
> From: kirk.harding@...
> Date: Mon, 28 May 2012 16:53:55 -0500
> Subject: RE: [V4Protocol] V4 Chat? Anybody Up?
>
>
>
>
>
>
>
> I was on there earlier and called CQ a couple of times but no action!
>
>
>

> Kirk, K6KAR
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of Lee Swanson
> Sent: Monday, May 28, 2012 4:12 PM
> To: v4protocol@yahoogroups.com
> Subject: RE: [V4Protocol] V4 Chat? Anybody Up?
>
>
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>
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>
>
> Hey Rick you still on 14086 dial in v4 mode... I normally will call cq in v4
> mode on 14073 usb dial freq..seems to be a decent hangout for v4 and other
> stuff like ale400 and ale141a...
>
>
>
> _____
>
> To: V4Protocol@yahoogroups.com
> From: r_lwesterfield@...
> Date: Mon, 28 May 2012 14:30:14 -0500
> Subject: [V4Protocol] V4 Chat? Anybody Up?
>
>
>
>
>
> Hello,
>
>
>
> I'm monitoring 14.086 dial / 14.0875 CF if anybody wants to do a little V4
> Chat. It has been a while since hearing it on the bands.
>
>
>
> Rick KH2DF
>

2786. Re: [V4Protocol] Re: V4 Chat? Anybody Up?

Yahoo group: V4Protocol
Date: 2012-05-30 21:08:26 UTC
From: Costas J. Dovas - SV4FFL
Topic: 2780 Message: 2786

I also want to try V4CHAT mode.
What is the freq used on 30M if any?
73

Costas J. Dovas
SV4FFL
Loc: KM19li
e-mail: sv4ffl@...
Radio e-mail : sv4ffl@...
web: http://www.qsl.net/sv4ffl

----- Original Message -----
From: ham
To: V4Protocol@yahoogroups.com
Sent: Wednesday, May 30, 2012 11:54 PM
Subject: [V4Protocol] Re: V4 Chat? Anybody Up?

Interest in V4 seems to have waned. There was a lot of activity last summer but now, every time I listen on 14073, there are no V4 QSOs.

Consider using K3UK's SKED page if you are listening on 14073.

73, Bernie

--- In V4Protocol@yahoogroups.com, "Rick Westerfield" <r_lwesterfield@...> wrote:
>
> I hung out there a while but can go back to 14073 if anybody is still
> interested. It seemed like a busy freq earlier in the day.
>
>
>
> Rick KH2DF
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of Lee Swanson
> Sent: Monday, May 28, 2012 5:01 PM
> To: v4protocol@yahoogroups.com
> Subject: RE: [V4Protocol] V4 Chat? Anybody Up?
>
>
>
>
>
>
>

> I am listening on 14073 dial
>
> _____
>
> To: V4Protocol@yahoogroups.com
> From: kirk.harding@...
> Date: Mon, 28 May 2012 16:53:55 -0500
> Subject: RE: [V4Protocol] V4 Chat? Anybody Up?
>
>
>
>
>
> I was on there earlier and called CQ a couple of times but no action!
>
>
>
> Kirk, K6KAR
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of Lee Swanson
> Sent: Monday, May 28, 2012 4:12 PM
> To: v4protocol@yahoogroups.com
> Subject: RE: [V4Protocol] V4 Chat? Anybody Up?
>
>
>
>
>
>
>
> Hey Rick you still on 14086 dial in v4 mode... I normally will call cq in v4
> mode on 14073 usb dial freq..seems to be a decent hangout for v4 and other
> stuff like ale400 and ale141a...
>
>
>
> _____
>
> To: V4Protocol@yahoogroups.com
> From: r_lwesterfield@...
> Date: Mon, 28 May 2012 14:30:14 -0500
> Subject: [V4Protocol] V4 Chat? Anybody Up?
>
>
>
>
>
>
>
> Hello,

>
>
>
> I'm monitoring 14.086 dial / 14.0875 CF if anybody wants to do a little V4
> Chat. It has been a while since hearing it on the bands.
>
>
>
> Rick KH2DF
>

2787. Re: [V4Protocol] Re: V4 Chat? Anybody Up?

Yahoo group: V4Protocol
Date: 2012-05-31 08:29:03 UTC
From: Ian Wade G3NRW
Topic: 2780 Message: 2787

___Original Message_____________________________________
From: Costas J. Dovas - SV4FFL <sv4ffl@...>
Date: Thu, 31 May 2012 Time: 00:08:26

>I also want to try V4CHAT mode.
>What is the freq used on 30M if any?
>73
>
>Costas J. Dovas
>SV4FFL

Costas

All the details for 30m are here:

http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

--
73
Ian, G3NRW

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

The 160m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/160m_band_utilization.htm

The Top Band Digital Group (TBD160):
http://groups.yahoo.com/group/TBD160

2788. un-subscribe

Yahoo group: V4Protocol
Date: 2012-06-07 02:52:56 UTC
From: Ian Downie
Topic: 2788 Message: 2788

[Body unavailable in the source archive]

2789. 30m Band Utilization Chart updated: 12 June 2012

Yahoo group: V4Protocol
Date: 2012-06-12 05:04:25 UTC
From: Ian Wade G3NRW
Topic: 2789 Message: 2789

I have just added the WB3ANQ QRSS "snake" to the 30m Band Utilization
Chart:

http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

--
73
Ian, G3NRW

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

The 160m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/160m_band_utilization.htm

2790. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2012-06-16 16:15:47 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2790

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 1.0.2.0 Full install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4 Chat 1.0.2.0 full install with V4 TNC, Help and revision history

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%201.0.2.0%20Full%20install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2791. V4 Chat and V4 TNC update to 1.0.2.0

Yahoo group: V4Protocol
Date: 2012-06-16 16:24:33 UTC
From: kn6kb
Topic: 2791 Message: 2791

All,

I have been working on some enhancements for improved senitivity and robustness using some new DSP code (Square Wave correlation).

This new version also includes support for the newer radios with built in sound cards/interfaces like the TS-590S or the IC-7200 or IC-7600.

I have posted the full install on the V4 group web site along with an auto update from version 1.0.1.0. Your settings should not be lost with a new install.

I will be avaialble this week for testing on 40 meters, 30 meters, 20 meters, and 17 meters.

Rick KN6KB

2792. Re: [V4Protocol] V4 Chat and V4 TNC update to 1.0.2.0

Yahoo group: V4Protocol
Date: 2012-06-16 17:02:15 UTC
From: Fred - w1wyc
Topic: 2791 Message: 2792

Hi Rick,

Auto update worked fine.

73,
Fred, W1WYC

----- Original Message -----
From: kn6kb
To: V4Protocol@yahoogroups.com
Sent: Saturday, June 16, 2012 12:24 PM
Subject: [V4Protocol] V4 Chat and V4 TNC update to 1.0.2.0

All,

I have been working on some enhancements for improved senitivity and robustness using some new DSP code (Square Wave correlation).

This new version also includes support for the newer radios with built in sound cards/interfaces like the TS-590S or the IC-7200 or IC-7600.

I have posted the full install on the V4 group web site along with an auto update from version 1.0.1.0. Your settings should not be lost with a new install.

I will be avaialble this week for testing on 40 meters, 30 meters, 20 meters, and 17 meters.

Rick KN6KB

2793. RE: [V4Protocol] V4 Chat and V4 TNC update to 1.0.2.0

Yahoo group: V4Protocol
Date: 2012-06-16 20:14:54 UTC
From: Eugene Morgan
Topic: 2791 Message: 2793

The Auto-update facility worked fine on both my XP and Win 7 computers.

73 de Eugene / G4AIU

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Fred - w1wyc
Sent: 16 June 2012 18:02
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 Chat and V4 TNC update to 1.0.2.0

Hi Rick,

Auto update worked fine.

73,

Fred, W1WYC

----- Original Message -----

From: kn6kb <mailto:rmuething@...>

To: V4Protocol@yahoogroups.com

Sent: Saturday, June 16, 2012 12:24 PM

Subject: [V4Protocol] V4 Chat and V4 TNC update to 1.0.2.0

All,

I have been working on some enhancements for improved senitivity and robustness using some new DSP code (Square Wave correlation).

This new version also includes support for the newer radios with built in sound cards/interfaces like the TS-590S or the IC-7200 or IC-7600.

I have posted the full install on the V4 group web site along with an auto update from version 1.0.1.0. Your settings should not be lost with a new install.

I will be avaialble this week for testing on 40 meters, 30 meters, 20 meters, and 17 meters.

Rick KN6KB

2794. Auto update

Yahoo group: V4Protocol
Date: 2012-06-16 20:41:00 UTC
From: kirkharding@rocketmail.com
Topic: 2794 Message: 2794

The auto update worked great. Still getting a message that says registration will be emailed.

Kirk, K6KAR

2795. Re: V4 Chat and V4 TNC update to 1.0.2.0

Yahoo group: V4Protocol
Date: 2012-06-17 01:20:59 UTC
From: la7um
Topic: 2791 Message: 2795

Autoupdate worked exellent for my XP Home Acer One as well. 73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Eugene Morgan" <G4AIU@...> wrote:
>
> The Auto-update facility worked fine on both my XP and Win 7 computers.
>
>
>
> 73 de Eugene / G4AIU
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of Fred - w1wyc
> Sent: 16 June 2012 18:02
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] V4 Chat and V4 TNC update to 1.0.2.0
>
>
>
>
>
> Hi Rick,
>
>
>
> Auto update worked fine.
>
>
>
> 73,
>
> Fred, W1WYC
>
>
>
> ----- Original Message -----
>
> From: kn6kb <mailto:rmuething@...>
>
> To: V4Protocol@yahoogroups.com
>
> Sent: Saturday, June 16, 2012 12:24 PM
>
> Subject: [V4Protocol] V4 Chat and V4 TNC update to 1.0.2.0

>
>
>
>
>
> All,
>
> I have been working on some enhancements for improved senitivity and
> robustness using some new DSP code (Square Wave correlation).
>
> This new version also includes support for the newer radios with built in
> sound cards/interfaces like the TS-590S or the IC-7200 or IC-7600.
>
> I have posted the full install on the V4 group web site along with an auto
> update from version 1.0.1.0. Your settings should not be lost with a new
> install.
>
> I will be avaialble this week for testing on 40 meters, 30 meters, 20
> meters, and 17 meters.
>
> Rick KN6KB
>

2796. Re: V4 Chat and V4 TNC update to 1.0.2.0

Yahoo group: V4Protocol
Date: 2012-06-17 08:21:08 UTC
From: Peter Z.
Topic: 2791 Message: 2796

Tnx, Rick, autoupdate done. 73, Peter Z.

--- In V4Protocol@yahoogroups.com, "kn6kb" <rmuething@...> wrote:
>
> All,
>
> I have been working on some enhancements for improved senitivity and robustness using some new DSP code (Square Wave correlation).
>
> This new version also includes support for the newer radios with built in sound cards/interfaces like the TS-590S or the IC-7200 or IC-7600.
>
> I have posted the full install on the V4 group web site along with an auto update from version 1.0.1.0. Your settings should not be lost with a new install.
>
> I will be avaialble this week for testing on 40 meters, 30 meters, 20 meters, and 17 meters.
>
> Rick KN6KB
>

2797. V4 Chat 1.0.2.0

Yahoo group: V4Protocol
Date: 2012-06-17 11:22:36 UTC
From: Rick Muething
Topic: 2797 Message: 2797

All,

For convenience of non V4Protocol Yahoo members I have also posted the V4 Chat 1.0.2.0 full install on the Winlink FTP site ftp://autoupdate.winlink.org/User%20Programs/

If you have friends that wish to try out the code they can download from this FTP site.

73,

Rick KN6KB

2798. TS-590 USB Data Mode

Yahoo group: V4Protocol
Date: 2012-06-17 11:59:52 UTC
From: Ron Wenig
Topic: 2798 Message: 2798

Hi Rick,

I have a Kenwood TS-590 radio and I am using V4 Chat version 1.0.2.0. In the radio setup I have USB Data selected. When the program switches frequency it will also switch the radio's mode to FSK instead of USB Data. When I select USB the radio will switch to USB then I have to manually select Data mode on the radio. Is this because the program is sending the wrong command to the radio.

73, Ron ny3j

2799. Re: V4 Chat Request to post frequencies?

Yahoo group: V4Protocol
Date: 2012-06-17 14:32:20 UTC
From: Leo yudysky
Topic: 2799 Message: 2799

Hello V4 Group,
I was wondering if someone might post a fresh list of frequencies to try v4?
I have only made one contact on 14.073.
Really a nice program, great possibilites for ARES vital communications.

Thank you,
Leo Yudysky
KF7ONI
lyudysky@...

2800. qso's

Yahoo group: V4Protocol
Date: 2012-06-17 15:39:02 UTC
From: POB
Topic: 2800 Message: 2800

It is working great from this end<INDIANA> although 14.073 seems to be the testing frequency for all digital modes and the North American tuner club frequency. I have been on 14.072.5 a few times and have made contacts there also.
Great job RICK...see the V4 ops on 20 or band chosen..
73
POB/K8LEN

2801. Re: [V4Protocol] TS-590 USB Data Mode

Yahoo group: V4Protocol
Date: 2012-06-17 17:45:18 UTC
From: Rick Muething
Topic: 2798 Message: 2801

Ron,
I probably missed something. I used code from another application for the TS-590S. It should be USB digital and it also has to switch the internal mux from Aux to USB sound card input to the radio. I'll check it out ...may be a day or two. I have a TS-590 here just not currently setup.

Rick KN6KB

From: Ron Wenig
Sent: Sunday, June 17, 2012 7:59 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] TS-590 USB Data Mode

Hi Rick,

I have a Kenwood TS-590 radio and I am using V4 Chat version 1.0.2.0.
In the radio setup I have USB Data selected. When the program switches
frequency it will also switch the radio's mode to FSK instead of USB
Data. When I select USB the radio will switch to USB then I have to
manually select Data mode on the radio. Is this because the program is
sending the wrong command to the radio.

73, Ron ny3j

2802. Re: [V4Protocol] TS-590 USB Data Mode

Yahoo group: V4Protocol
Date: 2012-06-18 03:42:00 UTC
From: Ron Wenig
Topic: 2798 Message: 2802

Thanks Rick,

The new version works great with the TS-590. I am now using a serial cable for rig control and PTT control and the USB port only for sound. I am getting TR Latency about 40 to 70 ms and the CW ID keying mode sounds much better than the modulated mode.

Ron ny3j

On 6/17/2012 1:45 PM, Rick Muething wrote:
>
> Ron,
> I probably missed something. I used code from another application for
> the TS-590S. It should be USB digital and it also has to switch the
> internal mux from Aux to USB sound card input to the radio. I'll
> check it out ...may be a day or two. I have a TS-590 here just not
> currently setup.
> Rick KN6KB
> *From:* Ron Wenig <mailto:rwenig@...>
> *Sent:* Sunday, June 17, 2012 7:59 AM
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Subject:* [V4Protocol] TS-590 USB Data Mode
>

2803. Re: [V4Protocol] TS-590 USB Data Mode

Yahoo group: V4Protocol
Date: 2012-06-18 01:22:25 UTC
From: Rick Muething
Topic: 2798 Message: 2803

Ron,

I found several problems in the code for the TS-590S (a result of not checking the patched in code from another project!) There were also several errors in the Help for the setup. I have it running fine now here on my TS-590S. There is no need for a serial cable for PTT control ...the new code will correctly control the PTT though the normal USB port and set the internal mux of the TS-590S to select the USB sound card output as well as put the radio into the correct mode of USB Data. I will get an update out for this tomorrow along with the updated help.

Rick

From: Ron Wenig
Sent: Sunday, June 17, 2012 11:42 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] TS-590 USB Data Mode

Thanks Rick,

The new version works great with the TS-590. I am now using a serial cable for rig control and PTT control and the USB port only for sound. I am getting TR Latency about 40 to 70 ms and the CW ID keying mode sounds much better than the modulated mode.

Ron ny3j

On 6/17/2012 1:45 PM, Rick Muething wrote:

Ron,
I probably missed something. I used code from another application for the TS-590S. It should be USB digital and it also has to switch the internal mux from Aux to USB sound card input to the radio. I'll check it out ...may be a day or two. I have a TS-590 here just not currently setup.

Rick KN6KB

From: Ron Wenig
Sent: Sunday, June 17, 2012 7:59 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] TS-590 USB Data Mode

2804. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2012-06-18 12:07:24 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2804

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4 Chat 1.0.3.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4 Chat 1.0.3.0 Full Install with V4 TNC and Help

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4%20Chat%201.0.3.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2805. V4 Chat 1.0.3.0 Update

Yahoo group: V4Protocol
Date: 2012-06-18 12:16:09 UTC
From: Rick Muething
Topic: 2805 Message: 2805

Thanks to all those that reported the problems with the 1.0.2.0 update (Radio driver for the TS-590S and help). I have fixed these and verified operation here on a test TS-590S. The Help is also updated to support the IC-7200, IC-7600 and TS-590S. The latest V4 TNC version is still 1.0.2.0.

The full install has been uploaded to the Yahoo V4Protocol server files session and the Winlink user programs download FTP ftp://autoupdate.winlink.org/User%20Programs/ (refresh your browser window if you don’t see the V4 Chat 1.0.3.0 full install)

73,

Rick Muething, KN6KB

2806. CQ 14.073

Yahoo group: V4Protocol
Date: 2012-06-18 17:41:18 UTC
From: MICHEL LUZERNE
Topic: 43 Message: 2806

hello all

I am QRV4 Chat 14.073 USB ARQ / FEC CQ CQ Michel F1ABL

2807. Re: [V4Protocol] CQ 14.073

Yahoo group: V4Protocol
Date: 2012-06-18 18:24:18 UTC
From: Pat
Topic: 43 Message: 2807

Hello Michel, F1ABL

I have seen your signal to me but I think you haven’t seen my signal or connected ??
Maybe I have do something's wrong ??
After the ARQ CQ-ing I read your message
“F1ABL F1ABL: ON2AD DE F1ABL F1ABL IN FEC FEC MODE FEC AD DE F1ABL”
and I was sending in that FEC mode, but haven’t any answer ??

Sri I’m new on this mode..

73 de Pat ON2AD

Sri for my bad english and type errors

From: MICHEL LUZERNE
Sent: Monday, June 18, 2012 7:41 PM
To: v4protocol@yahoogroups.com
Subject: [V4Protocol] CQ 14.073

hello all

I am QRV4 Chat 14.073 USB ARQ / FEC CQ CQ

Michel F1ABL

2808. RE: [V4Protocol] CQ 14.073

Yahoo group: V4Protocol
Date: 2012-06-18 18:45:20 UTC
From: MICHEL LUZERNE
Topic: 43 Message: 2808

Hi Pat No you have well understood, the skip was QSB and I have much QRM I see your signal I answer but I can not connect and I have also an other station calling over you and I was disturbed. Welcome on V4Chat Pat it made a lot of patience in this mode. Michel
To: V4Protocol@yahoogroups.com
From: on2ad@...
Date: Mon, 18 Jun 2012 20:24:18 +0200
Subject: Re: [V4Protocol] CQ 14.073

Hello Michel, F1ABL

I have seen your signal to me but I think you haven’t seen my signal
or connected ??
Maybe I have do something's wrong ??
After the ARQ CQ-ing I read your message
“F1ABL F1ABL: ON2AD DE F1ABL F1ABL IN FEC FEC MODE FEC AD DE F1ABL”
and I was sending in that FEC mode, but haven’t any answer ??

Sri I’m new on this mode..

73 de Pat ON2AD

Sri for my bad english and type errors

From: MICHEL LUZERNE
Sent: Monday, June 18, 2012 7:41 PM
To: v4protocol@yahoogroups.com
Subject: [V4Protocol] CQ 14.073

hello all

I am QRV4 Chat 14.073 USB ARQ / FEC CQ CQ

Michel F1ABL

2809. Re: [V4Protocol] CQ 14.073

Yahoo group: V4Protocol
Date: 2012-06-18 19:06:45 UTC
From: Rick Muething
Topic: 43 Message: 2809

Pat, Michael,

The ARQ mode is preferred when working between two stations. It will insure error free copy (unless of course the link is so poor it just gets dropped) FEC mode is used primarily for broadcasting to several stations but does not insured error free transmission. Read about the differences in the Help (Help, Help Index, ARQ Operation)

73,

Rick KN6KB

From: Pat
Sent: Monday, June 18, 2012 2:24 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] CQ 14.073

Hello Michel, F1ABL

I have seen your signal to me but I think you haven’t seen my signal or connected ??
Maybe I have do something's wrong ??
After the ARQ CQ-ing I read your message
“F1ABL F1ABL: ON2AD DE F1ABL F1ABL IN FEC FEC MODE FEC AD DE F1ABL”
and I was sending in that FEC mode, but haven’t any answer ??

Sri I’m new on this mode..

73 de Pat ON2AD

Sri for my bad english and type errors

From: MICHEL LUZERNE
Sent: Monday, June 18, 2012 7:41 PM
To: v4protocol@yahoogroups.com
Subject: [V4Protocol] CQ 14.073

hello all

I am QRV4 Chat 14.073 USB ARQ / FEC CQ CQ

Michel F1ABL

2810. Re: [V4Protocol] CQ 14.073

Yahoo group: V4Protocol
Date: 2012-06-18 19:24:59 UTC
From: Pat
Topic: 43 Message: 2810

Rick,

Thanks for the info, but at the moment is the link very poor like Michael wrote in his answer, and the QRM is very high and there was another station at the same moment.
And maybe important I use only 10Watt with my IC-703 and GPA-30 Antenna with 5 m above the ground and in the middle of a lot of trees from 25 M hi.. see QRZ.com.

73 de Pat ON2AD

From: Rick Muething
Sent: Monday, June 18, 2012 9:06 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] CQ 14.073

Pat, Michael,

The ARQ mode is preferred when working between two stations. It will insure error free copy (unless of course the link is so poor it just gets dropped) FEC mode is used primarily for broadcasting to several stations but does not insured error free transmission. Read about the differences in the Help (Help, Help Index, ARQ Operation)

73,

Rick KN6KB

From: Pat
Sent: Monday, June 18, 2012 2:24 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] CQ 14.073

Hello Michel, F1ABL

I have seen your signal to me but I think you haven’t seen my signal or connected ??
Maybe I have do something's wrong ??
After the ARQ CQ-ing I read your message
“F1ABL F1ABL: ON2AD DE F1ABL F1ABL IN FEC FEC MODE FEC AD DE F1ABL”
and I was sending in that FEC mode, but haven’t any answer ??

Sri I’m new on this mode..

73 de Pat ON2AD

Sri for my bad english and type errors

From: MICHEL LUZERNE
Sent: Monday, June 18, 2012 7:41 PM
To: v4protocol@yahoogroups.com
Subject: [V4Protocol] CQ 14.073

hello all

I am QRV4 Chat 14.073 USB ARQ / FEC CQ CQ

Michel F1ABL

2811. Re: [V4Protocol] TS-590 USB Data Mode

Yahoo group: V4Protocol
Date: 2012-06-18 19:48:34 UTC
From: Ron Wenig
Topic: 2798 Message: 2811

Ok Rick,

I misunderstood you before. I thought the change was going to be using the serial port. I didn't understand the internal mux. I have updated to 1.0.3.0 and am now using just the USB port using the setup instructions in the help section. I am getting a Latency reading of between 50 and 110. Rig control works great and it is now setting my radio to USB Data mode. Things are working really good. Thanks.

Ron ny3j

On 6/17/2012 9:22 PM, Rick Muething wrote:
>
> Ron,
> I found several problems in the code for the TS-590S (a result of not
> checking the patched in code from another project!) There were also
> several errors in the Help for the setup. I have it running fine now
> here on my TS-590S. There is no need for a serial cable for PTT
> control ...the new code will correctly control the PTT though the
> normal USB port and set the internal mux of the TS-590S to select the
> USB sound card output as well as put the radio into the correct mode
> of USB Data. I will get an update out for this tomorrow along with
> the updated help.
> Rick
> *From:* Ron Wenig <mailto:rwenig@...>
> *Sent:* Sunday, June 17, 2012 11:42 PM
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Subject:* Re: [V4Protocol] TS-590 USB Data Mode
>
> Thanks Rick,
>
> The new version works great with the TS-590. I am now using a serial
> cable for rig control and PTT control and the USB port only for
> sound. I am getting TR Latency about 40 to 70 ms and the CW ID keying
> mode sounds much better than the modulated mode.
>
> Ron ny3j
>
> On 6/17/2012 1:45 PM, Rick Muething wrote:
>> Ron,
>> I probably missed something. I used code from another application for
>> the TS-590S. It should be USB digital and it also has to switch the
>> internal mux from Aux to USB sound card input to the radio. I'll
>> check it out ...may be a day or two. I have a TS-590 here just not
>> currently setup.
>> Rick KN6KB

>> *From:* Ron Wenig <mailto:rwenig@...>
>> *Sent:* Sunday, June 17, 2012 7:59 AM
>> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>> *Subject:* [V4Protocol] TS-590 USB Data Mode
>>
>
>

2812. Re: [V4Protocol] TS-590 USB Data Mode

Yahoo group: V4Protocol
Date: 2012-06-18 21:08:43 UTC
From: Rick Muething
Topic: 2798 Message: 2812

Fine Ron,

Glad it is working OK. I am using it here.

The same simple setup works well with RMS Express using the WINMOR sound card protocol (see ftp://autoupdate.winlink.org/User%20Programs/) . RMS Express lets you send messages with attachments to other hams or to internet recipients through the WL2K system.

I really like the simplicity of setup using radios like the the TS-590S and IC-7200 with sound card modes.

73,

Rick KN6KB

From: Ron Wenig
Sent: Monday, June 18, 2012 3:48 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] TS-590 USB Data Mode

Ok Rick,

I misunderstood you before. I thought the change was going to be using the serial port. I didn't understand the internal mux. I have updated to 1.0.3.0 and am now using just the USB port using the setup instructions in the help section. I am getting a Latency reading of between 50 and 110. Rig control works great and it is now setting my radio to USB Data mode. Things are working really good. Thanks.

Ron ny3j

On 6/17/2012 9:22 PM, Rick Muething wrote:

Ron,

I found several problems in the code for the TS-590S (a result of not checking the patched in code from another project!) There were also several errors in the Help for the setup. I have it running fine now here on my TS-590S. There is no need for a serial cable for PTT control ...the new code will correctly control the PTT though the normal USB port and set the internal mux of the TS-590S to select the USB sound card output as well as put the radio into the correct mode of USB Data. I will get an update out for this tomorrow along with the updated help.

Rick

From: Ron Wenig
Sent: Sunday, June 17, 2012 11:42 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] TS-590 USB Data Mode

Thanks Rick,

The new version works great with the TS-590. I am now using a serial cable for rig control and PTT control and the USB port only for sound. I am getting TR Latency about 40 to 70 ms and the CW ID keying mode sounds much better than the modulated mode.

Ron ny3j

On 6/17/2012 1:45 PM, Rick Muething wrote:

Ron,
I probably missed something. I used code from another application for the TS-590S. It should be USB digital and it also has to switch the internal mux from Aux to USB sound card input to the radio. I'll check it out ...may be a day or two. I have a TS-590 here just not currently setup.

Rick KN6KB

From: Ron Wenig
Sent: Sunday, June 17, 2012 7:59 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] TS-590 USB Data Mode

2813. Re: [V4Protocol] TS-590 USB Data Mode

Yahoo group: V4Protocol
Date: 2012-06-19 00:30:15 UTC
From: Ron Wenig
Topic: 2798 Message: 2813

Rick,

I do use RMS Express and Winmor to send and receive mail over HF and it works flawlessly on the TS-590. My thanks to you and the other programmers at the Foundation for creating such a great program.

We have two ARES nets here in the Philadelphia area where we can send a Winlink email to check into. As a test I use Paclink on VHF to check into one and RMS Express on HF to check into the other one. I always get good comments on the flexibility I have to use HF to use for sending email in case the VHF packet infrastructure was down. I wish I could get more interest in RMS Express on HF but I can't get people to put forth the effort to learn how to setup and use the program.

73, Ron ny3j

On 6/18/2012 5:08 PM, Rick Muething wrote:
>
> Fine Ron,
> Glad it is working OK. I am using it here.
> The same simple setup works well with RMS Express using the WINMOR
> sound card protocol (see ftp://autoupdate.winlink.org/User%20Programs/
>) . RMS Express lets you send messages with attachments to other hams
> or to internet recipients through the WL2K system.
> I really like the simplicity of setup using radios like the the
> TS-590S and IC-7200 with sound card modes.
> 73,
> Rick KN6KB
>

2814. Re: [V4Protocol] TS-590 USB Data Mode

Yahoo group: V4Protocol
Date: 2012-06-19 04:27:16 UTC
From: Facility 406 DM09
Topic: 2798 Message: 2814

: get more interest in RMS Express on HF but I can't get people to put
: forth the effort to learn how to setup and use the program.

Info? Link?

Kurt

2815. QRV V4 7073 KHz USB now

Yahoo group: V4Protocol
Date: 2012-06-19 05:23:53 UTC
From: Juhani
Topic: 2687 Message: 2815

Until 10Z

2816. Re: V4 Chat 1.0.3.0 Update

Yahoo group: V4Protocol
Date: 2012-06-19 06:40:19 UTC
From: Peter Z.
Topic: 2805 Message: 2816

Auto update ok. Tnx, 73, Peter Z.

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Thanks to all those that reported the problems with the 1.0.2.0 update (Radio driver for the TS-590S and help). I have fixed these and verified operation here on a test TS-590S. The Help is also updated to support the IC-7200, IC-7600 and TS-590S. The latest V4 TNC version is still 1.0.2.0.
>
>
> The full install has been uploaded to the Yahoo V4Protocol server files session and the Winlink user programs download FTP ftp://autoupdate.winlink.org/User%20Programs/ (refresh your browser window if you donâ☐☐t see the V4 Chat 1.0.3.0 full install)
>
> 73,
>
> Rick Muething, KN6KB
>

2817. Re: [V4Protocol] TS-590 USB Data Mode

Yahoo group: V4Protocol
Date: 2012-06-19 11:02:42 UTC
From: Ron Wenig
Topic: 2798 Message: 2817

The software is located at:

http://www.winlink.org/ClientSoftware

The support group is at:

http://groups.yahoo.com/group/WINMOR/

Ron ny3j

On 6/19/2012 12:27 AM, Facility 406 DM09 wrote:
>
> : get more interest in RMS Express on HF but I can't get people to put
> : forth the effort to learn how to setup and use the program.
>
> Info? Link?
>
> Kurt
>
>

2818. V4 1.0.3 bug -- TS-590S memory frequencies not read

Yahoo group: V4Protocol
Date: 2012-06-19 13:48:19 UTC
From: Ian Wade G3NRW
Topic: 2818 Message: 2818

Hi Rick

I have just been trying 1.0.3 with the TS-590S. You're nearly there, but you still don't get the T-shirt.

Recall that earlier this year I reported that V4 does not always read the TS-590S display frequency. Yes, it does read the radio's frequency *if you are not using a memory channel*, but if you set the frequency from a memory channel, V4 does not recognize this.

Well, the bug is still there in 1.0.3. As I mentioned before, this is because you are incorrectly reading the *VFO-A* frequency, with the "FA;" CAT command. When you select a TS-590S memory channel, the radio's *display* frequency will change, but the *VFO-A* frequency does not.

Instead, you should be using the "IF;" command to read the radio's display frequency, not the "FA;" command. Then V4 will always be in step with the radio.

See how Simon's HRD does it -- it uses "IF;" not "FA;" to get the display frequency, and it works fine with memory and non-memory channels alike.

As I said before, V4 needs to display and log the frequency that is *actually* in use by the radio, regardless of whether it is a memory channel or not.

--
73
Ian, G3NRW

2819. Re: [V4Protocol] V4 1.0.3 bug -- TS-590S memory frequencies not read

Yahoo group: V4Protocol
Date: 2012-06-19 15:05:29 UTC
From: Stan Kozlowitz
Topic: 2818 Message: 2819

Ian,
That is the best explanation of a problem and the solution I have heard in the past 15 years! Perhaps ever! It should be a simple fix, also. Hopefully, only one variable has to be changed in the code.

Way to go!

Stan Kozlowitz

aa5xo@...
aa5xo@...
NNN0YSD@navymars.org

731-487-3359

From: Ian Wade G3NRW <g3nrw-radio@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, June 19, 2012 8:48 AM
Subject: [V4Protocol] V4 1.0.3 bug -- TS-590S memory frequencies not read

Hi Rick

I have just been trying 1.0.3 with the TS-590S. You're nearly there, but you still don't get the T-shirt.

Recall that earlier this year I reported that V4 does not always read the TS-590S display frequency. Yes, it does read the radio's frequency *if you are not using a memory channel*, but if you set the frequency from a memory channel, V4 does not recognize this.

Well, the bug is still there in 1.0.3. As I mentioned before, this is because you are incorrectly reading the *VFO-A* frequency, with the "FA;" CAT command. When you select a TS-590S memory channel, the radio's *display* frequency will change, but the *VFO-A* frequency does not.

Instead, you should be using the "IF;" command to read the radio's display frequency, not the "FA;" command. Then V4 will always be in step with the radio.

See how Simon's HRD does it -- it uses "IF;" not "FA;" to get the display frequency, and it works fine with memory and non-memory channels alike.

As I said before, V4 needs to display and log the frequency that is *actually* in use by the radio, regardless of whether it is a memory channel or not.

--
73
Ian, G3NRW

2820. Re: [V4Protocol] V4 1.0.3 bug -- TS-590S memory frequencies not read

Yahoo group: V4Protocol
Date: 2012-06-19 15:33:04 UTC
From: Rick Muething
Topic: 2818 Message: 2820

Ian,

I understand your comment but I think it has to work the way it does to support the click to tune and to follow the tuning knob features that were requested:

When you click an item in the mini contact log it will set the radio to that frequency (assuming a valid frequency is in the log) using the FA command...You wouldn't want to set a memory location with that.

When you rotate the tuning knob manually you want the waterfall display to "track" showing the center RF frequency and that requires reading the FA since you are reading the currently tuned frequency not the saved memory. The displayed frequency won't change with a tuning knob rotation on a memory recall (unless it is transferred to VFO using the M>V button)

When you click on a nearby signal showing on the waterfall or spectrum display you want to change the VFO frequency to center that signal (to the red line) and that requires using the FA command.

So I am not sure that reading the memory frequency (displayed frequency using the IF command) makes sense as the above 3 operations are based on the A VFO. You can on the TS-590S of course simply do a Memory recall followed by a M>V push which transfers the memory contents to VFO which then permits the display, following the tuning knob and click to tune capability above. These are important features users have asked for.

Also please try and remember that it is desirable to have the code behave the same way for each radio. There are a some areas where code changes for radio model/Manufacture changes are needed but when you get into reading and controlling memory banks you can be just about certain that is unique to each radio manufacturer and model. For example the FA command and reply syntax is pretty universal for all Kenwoods and some other Manufacturers but the IF command and returned data syntax are more unique to radios like the TS-590S.

I want to keep the setup options minimized and having multiple ways of reading the frequency (Memory, VFO A, VFO B etc) are all possible but add confusion and complexity. If you are using memory it is a simple one button push (M>V) to get it to the VFO and then all the other features continue to work.

73,

Rick KN6KB

From: Ian Wade G3NRW
Sent: Tuesday, June 19, 2012 9:48 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 1.0.3 bug -- TS-590S memory frequencies not read

Hi Rick

I have just been trying 1.0.3 with the TS-590S. You're nearly there, but you still don't get the T-shirt.

Recall that earlier this year I reported that V4 does not always read the TS-590S display frequency. Yes, it does read the radio's frequency *if you are not using a memory channel*, but if you set the frequency from a memory channel, V4 does not recognize this.

Well, the bug is still there in 1.0.3. As I mentioned before, this is because you are incorrectly reading the *VFO-A* frequency, with the "FA;" CAT command. When you select a TS-590S memory channel, the radio's *display* frequency will change, but the *VFO-A* frequency does not.

Instead, you should be using the "IF;" command to read the radio's display frequency, not the "FA;" command. Then V4 will always be in step with the radio.

See how Simon's HRD does it -- it uses "IF;" not "FA;" to get the display frequency, and it works fine with memory and non-memory channels alike.

As I said before, V4 needs to display and log the frequency that is *actually* in use by the radio, regardless of whether it is a memory channel or not.

--
73
Ian, G3NRW

2821. Re: [V4Protocol] V4 1.0.3 bug -- TS-590S memory frequencies not read

Yahoo group: V4Protocol
Date: 2012-06-19 15:41:08 UTC
From: Rick Muething
Topic: 2818 Message: 2821

Stan,

Its almost NEVER as simple as a one variable change! Reading the displayed memory value using “FA” breaks the existing and asked for features of Click to tune and following the Tuning knob. It also makes the frequency readout function require a different command and parsing than all other Kenwood models.

The only way I can see is offering the user a more complex optional setup that ends up being unique for the TS-590S.

You can make everything work now as-is with one additional button push on the TS-590S “M>V” after you recall a saved memory.
See my explanation to Ian.

73,

Rick

From: Stan Kozlowitz
Sent: Tuesday, June 19, 2012 11:05 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 1.0.3 bug -- TS-590S memory frequencies not read

Ian,
That is the best explanation of a problem and the solution I have heard in the past 15 years! Perhaps ever! It should be a simple fix, also. Hopefully, only one variable has to be changed in the code.

Way to go!

Stan Kozlowitz

aa5xo@...
aa5xo@...
NNN0YSD@...

731-487-3359

From: Ian Wade G3NRW <g3nrw-radio@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, June 19, 2012 8:48 AM
Subject: [V4Protocol] V4 1.0.3 bug -- TS-590S memory frequencies not read

Hi Rick

I have just been trying 1.0.3 with the TS-590S. You're nearly there, but
you still don't get the T-shirt.

Recall that earlier this year I reported that V4 does not always read the TS-590S display frequency. Yes, it does read the radio's frequency *if you are not using a memory channel*, but if you set the frequency from a memory channel, V4 does not recognize this.

Well, the bug is still there in 1.0.3. As I mentioned before, this is because you are incorrectly reading the *VFO-A* frequency, with the "FA;" CAT command. When you select a TS-590S memory channel, the radio's *display* frequency will change, but the *VFO-A* frequency does not.

Instead, you should be using the "IF;" command to read the radio's display frequency, not the "FA;" command. Then V4 will always be in step with the radio.

See how Simon's HRD does it -- it uses "IF;" not "FA;" to get the display frequency, and it works fine with memory and non-memory channels alike.

As I said before, V4 needs to display and log the frequency that is *actually* in use by the radio, regardless of whether it is a memory channel or not.

--
73
Ian, G3NRW

2822. Re: [V4Protocol] V4 1.0.3 bug -- TS-590S memory frequencies not read

Yahoo group: V4Protocol
Date: 2012-06-19 16:55:48 UTC
From: Ian Wade G3NRW
Topic: 2818 Message: 2822

___Original Message_____________________________________
From: Rick Muething <rmuething@...>
Date: Tue, 19 Jun 2012 Time: 11:33:04

>
>When you click an item in the mini contact log it will set the radio to that
>frequency (assuming a valid frequency is in the log) using the FA
>command...

Correct.

>You wouldn’t want to set a memory location with that.

Correct. But I am talking about *reading* the radio's frequency, not
setting it. I am not suggesting you try to change a memory location.

>
>
>When you rotate the tuning knob manually you want the waterfall display
>to “track” showing the center RF frequency and that requires reading the
>FA since you are reading the currently tuned frequency not the saved
>memory. The displayed frequency won’t change with a tuning knob
>rotation on a memory recall (unless it is transferred to VFO using the M>V
>button)

Not correct. There is an option in the TS-590S (menu 18) that lets you
override the memory. If menu 18 is set to ON, you can change the
frequency with FA.

>
>
>When you click on a nearby signal showing on the waterfall or spectrum
>display you want to change the VFO frequency to center that signal (to
>the red line) and that requires using the FA command.

No problem, provided menu 18 is ON.

>
>
>So I am not sure that reading the memory frequency (displayed frequency
>using the IF command) makes sense as the above 3 operations are based
>on the A VFO.

>You can on the TS-590S of course simply do a Memory
>recall followed by a M>V push which transfers the memory contents to
>VFO which then permits the display, following the tuning knob and click to
>tune capability above. These are important features users have asked for.

>

All the user has to do is set menu 18 to ON, and your code will work for
setting the VFO. No need for M>V.

But I am talking about *reading* the radio's frequency, not *setting*
it.

>
>
[Snip]
>
>

>I want to keep the setup options minimized and having multiple ways of
>reading the frequency (Memory, VFO A, VFO B etc) are all possible but
>add confusion and complexity.

With respect, it is *extremely* confusing when you see a frequency on
the radio display that is totally unrelated to the center frequency on
the V4 display. Above all, the radio display is what counts, and you
need to bend V4 to fit.

--
73
Ian, G3NRW

2823. Re: [V4Protocol] V4 1.0.3 bug -- TS-590S memory frequencies not read

Yahoo group: V4Protocol
Date: 2012-06-19 17:21:09 UTC
From: Stan Kozlowitz
Topic: 2818 Message: 2823

You are right, Rick. I typed without much thought. And I'm sure extra features for one radio is not worth the effort. Still, I don't think the option to choose the existing feature or the click-to-tune feature would be too difficult to implement.

Thanks for all your hard work.

Stan Kozlowitz

aa5xo@...
aa5xo@...
NNN0YSD@...

731-487-3359

From: Rick Muething <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, June 19, 2012 10:41 AM
Subject: Re: [V4Protocol] V4 1.0.3 bug -- TS-590S memory frequencies not read

Stan,

Its almost NEVER as simple as a one variable change! Reading the displayed memory value using “FA” breaks the existing and asked for features of Click to tune and following the Tuning knob. It also makes the frequency readout function require a different command and parsing than all other Kenwood models.

The only way I can see is offering the user a more complex optional setup that ends up being unique for the TS-590S.

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See my explanation to Ian.

73,

Rick

From: Stan Kozlowitz
Sent: Tuesday, June 19, 2012 11:05 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 1.0.3 bug -- TS-590S memory frequencies not read

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That is the best explanation of a problem and the solution I have heard in the past 15 years! Perhaps ever! It should be a simple fix, also.

Hopefully, only one variable has to be changed in the code.

Way to go!

Stan
Kozlowitz

aa5xo@rocketmail.com
aa5xo@...
NNN0YSD@...

731-487-3359

From: Ian Wade G3NRW
<g3nrw-radio@...m>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, June 19, 2012 8:48
AM
Subject: [V4Protocol] V4
1.0.3 bug -- TS-590S memory frequencies not read

Hi Rick

I have just been trying 1.0.3 with the TS-590S. You're
nearly there, but
you still don't get the T-shirt.

Recall that
earlier this year I reported that V4 does not always read
the TS-590S
display frequency. Yes, it does read the radio's frequency
*if you are not
using a memory channel*, but if you set the frequency
from a memory channel,
V4 does not recognize this.

Well, the bug is still there in 1.0.3. As I
mentioned before, this is
because you are incorrectly reading the *VFO-A*
frequency, with the
"FA;" CAT command. When you select a TS-590S memory
channel, the radio's
display frequency will change, but the *VFO-A*
frequency does not.

Instead, you should be using the "IF;" command to
read the radio's
display frequency, not the "FA;" command. Then V4 will
always be in step
with the radio.

See how Simon's HRD does it -- it
uses "IF;" not "FA;" to get the
display frequency, and it works fine with
memory and non-memory channels
alike.

As I said before, V4 needs to
display and log the frequency that is
actually in use by the radio,
regardless of whether it is a memory
channel or not.

--
73
Ian,
G3NRW

2824. Re: [V4Protocol] V4 1.0.3 bug -- TS-590S memory frequencies not read

Yahoo group: V4Protocol
Date: 2012-06-19 19:30:05 UTC
From: Rick Muething
Topic: 2818 Message: 2824

Ian,

Thanks.

Setting menu 18 to “tunable” makes a big difference. Then it can work as I described. Rather than actually changing those menu settings in the program I’ll write it up in the Help setup for the TS-590S. I don’t like to add more complexity there by changing more menu functions than are needed. The only downside is it takes special code since the readback and parsing are non standard (compared to other Kenwood models). I’ll have to dig in and see if Icom has something equivalent on the 7200 and 7600.

I’ll put the change it on my list....I wish however there was more time to work on some of the more critical things like improving the BER in weak conditions. Those kinds of enhancements benefit all users.

Thanks again for the input.

Rick KN6KB

From: Ian Wade G3NRW
Sent: Tuesday, June 19, 2012 12:55 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 1.0.3 bug -- TS-590S memory frequencies not read

___Original Message_____
From: Rick Muething <mailto:rmuething%40cfl.rr.com>
Date: Tue, 19 Jun 2012 Time: 11:33:04

>
>When you click an item in the mini contact log it will set the radio to that
>frequency (assuming a valid frequency is in the log) using the FA
>command...

Correct.

>You wouldn’t want to set a memory location with that.

Correct. But I am talking about *reading* the radio's frequency, not
setting it. I am not suggesting you try to change a memory location.

>
>
>When you rotate the tuning knob manually you want the waterfall display
>to “track” showing the center RF frequency and that requires reading the
>FA since you are reading the currently tuned frequency not the saved
>memory. The displayed frequency won’t change with a tuning knob
>rotation on a memory recall (unless it is transferred to VFO using the M>V
>button)

Not correct. There is an option in the TS-590S (menu 18) that lets you
override the memory. If menu 18 is set to ON, you can change the
frequency with FA.

>
>
>When you click on a nearby signal showing on the waterfall or spectrum
>display you want to change the VFO frequency to center that signal (to
>the red line) and that requires using the FA command.

No problem, provided menu 18 is ON.

>
>
>So I am not sure that reading the memory frequency (displayed frequency
>using the IF command) makes sense as the above 3 operations are based
>on the A VFO.

>You can on the TS-590S of course simply do a Memory
>recall followed by a M>V push which transfers the memory contents to
>VFO which then permits the display, following the tuning knob and click to
>tune capability above. These are important features users have asked for.
>

All the user has to do is set menu 18 to ON, and your code will work for
setting the VFO. No need for M>V.

But I am talking about *reading* the radio's frequency, not *setting*
it.

>
>
[Snip]
>
>

>I want to keep the setup options minimized and having multiple ways of
>reading the frequency (Memory, VFO A, VFO B etc) are all possible but
>add confusion and complexity.

With respect, it is *extremely* confusing when you see a frequency on
the radio display that is totally unrelated to the center frequency on
the V4 display. Above all, the radio display is what counts, and you
need to bend V4 to fit.

--
73
Ian, G3NRW

2825. Re: [V4Protocol] V4 1.0.3 bug -- TS-590S memory frequencies not read

Yahoo group: V4Protocol
Date: 2012-06-20 07:21:38 UTC
From: Ian Wade G3NRW
Topic: 2818 Message: 2825

___Original Message_____________________________________
From: Rick Muething <rmuething@...>
Date: Tue, 19 Jun 2012 Time: 15:30:05

>
>Setting menu 18 to “tunable” makes a big difference. Then it can work as I
>described. Rather than actually changing those menu settings in the
>program I’ll write it up in the Help setup for the TS-590S. I don’t like to add
>more complexity there by changing more menu functions than are needed.
>The only downside is it takes special code since the readback and parsing
>are non standard (compared to other Kenwood models). I’ll have to dig in
>and see if Icom has something equivalent on the 7200 and 7600.
>
>I’ll put the change it on my list....I wish however there was more time to
>work on some of the more critical things like improving the BER in weak
>conditions. Those kinds of enhancements benefit all users.
>

Rick

Agreed on all points. And, yes, spending more time on improving weak
signal handling is much more important (and interesting!) than tweaking
CAT commands.

Good luck.

--
73
Ian, G3NRW

2826. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2012-06-20 18:42:15 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2826

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 1.0.3.1 Patch.zip
Uploaded by : kn6kb <rmuething@...>
Description : Pre release patch update of V4Chat 1.0.3.1 with Help

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%201.0.3.1%20Patch.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2827. Pre release test Patch of V4Chat 1.0.3.1

Yahoo group: V4Protocol
Date: 2012-06-20 18:52:40 UTC
From: kn6kb
Topic: 2827 Message: 2827

All,

To use this patch downlaod the zip file V4Chat 1.0.3.1 Patch.zip and unzip. Replace the exisiting V4Chat.exe and the V4Chat.chm file in your V4Chat directory. No install is needed. No changes will be needed for your setup.

I have made several changes that affect the operation of those radios with built in TNCs (TS-590S, IC-7200, IC-7600). The following changes should work in this test release:

1) Now reads the display (vs VFO on TS-590S allowing operation of memory recall values including tuning. See the new Help on the TS-590S page. Memory recall will also work on IC-7200 & IC-7600.

2) Now reads the internal audio mux value upon program start, saves it locally and restores it upon exit from V4Chat (this applies to all three radios). The initial mux state and restore state are logged to the display and main log. When operating V4Chat will automatically select data mode, USB and use the internal USB sound card. Operation has been verified on the TS-590S and IC-7200 and should be OK on the IC-7600 (but I don't have access to a IC-7600.

Feedback appreciated before release of this. Especially confirmation with the IC-7600. Once confirmed I will post a new full V4Chat install and an autoupdate to 1.0.4.0

Other radio types should not be affected.

73 and Thanks,

Rick KN6KB

2828. V4 Text Box

Yahoo group: V4Protocol
Date: 2012-06-20 19:54:57 UTC
From: k1dow_4
Topic: 2828 Message: 2828

Rick;

Good to see that you have found some time to devote to V4 again. Your work is enjoyed and appreciated by all of us V4 testers.

One thing I do want to question though is the appearance of the following which I quote from the help files:

"Received text (FEC or unconnected ARQ) with uncorrectable errors is Red strike through (log tag: {Rcv Text Err})"

As I sit here watching this accumulate in my Text Box I'm wondering why should this be cluttering up my text box anyway?

I would prefer to only see correctly decoded text printed. Or at least have an option to turn off uncorrectable text being printed to the Text Box if I prefer not to see it.

Could that be made possible?

73/Russ
K1DOW

2829. Re: [V4Protocol] V4 Text Box

Yahoo group: V4Protocol
Date: 2012-06-20 20:21:55 UTC
From: Rick Muething
Topic: 2828 Message: 2829

Russ,

Remember there are two modes that V4 Works in ...selectable by the user.

1) FEC mode. This tries to correct errors with V4's FEC but there is no "back channel" so the receiving station cannot request a repeat. This mode is used primarily for broadcast (one sender to many recipients) and in that case most users would want to see the data even if a frame were corrupted. Much of the time you can still "read through" an uncorrectable error just as you can in RTTY or CW or phone. When V4 gets an error that the FEC can't correct in FEC mode it shows that text in red strikethrough. It doesn't know what characters in the frame are actually bad so it has no choice but to mark the entire frame bad.

2) ARQ mode. This is a "connected" protocol between two stations (and ONLY two stations) and the ARQ mechanism along with FEC insures the data is eventually perfect or else the link will time out eventually (about 2 minutes with no data flowing). In this mode V4Chat suppresses all errors showing only fully corrected text (you should never see strike through text when connected in ARQ mode). When you are in ARQ mode but not connected it works exactly like FEC mode so you can see text (even if it corrupted) or you can also monitor another FEC transmission.

Although it is possible to but some display option to block all uncorrectable text I think it would generally not be good operating practice. E.g. a weak station is calling CQ but rarely decoding without errors. Most would choose to at least see everything received since you often get at least partial data that caries some information. I would like to get feedback on this from more users before putting in such an option because I am afraid it will cause more confusion (e.g. "I hear a station but I don't see any printing" etc.)

73,

Rick KN6KB

From: k1dow_4
Sent: Wednesday, June 20, 2012 3:54 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Text Box

Rick;

Good to see that you have found some time to devote to V4 again. Your work is enjoyed and appreciated by all of us V4 testers.

One thing I do want to question though is the appearance of the following which I quote from the help files:

"Received text (FEC or unconnected ARQ) with uncorrectable errors is Red strike through (log tag: {Rcv Text Err})"

As I sit here watching this accumulate in my Text Box I'm wondering why should this be cluttering up my text box anyway?

I would prefer to only see correctly decoded text printed. Or at least have an option to turn off uncorrectable text being printed to the Text Box if I prefer not to see it.

Could that be made possible?

73/Russ
K1DOW

2830. Re: [V4Protocol] V4 Text Box

Yahoo group: V4Protocol
Date: 2012-06-20 20:29:49 UTC
From: Fred - w1wyc
Topic: 2828 Message: 2830

Hi Rick,

I agree with you. I have been able to interpret a lot of red strike-thru data to allow me to determine what was sent.

73,
Fred, W1WYC

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Wednesday, June 20, 2012 4:21 PM
Subject: Re: [V4Protocol] V4 Text Box

Russ,

Remember there are two modes that V4 Works in ...selectable by the user.

1) FEC mode. This tries to correct errors with V4's FEC but there is no "back channel" so the receiving station cannot request a repeat. This mode is used primarily for broadcast (one sender to many recipients) and in that case most users would want to see the data even if a frame were corrupted. Much of the time you can still "read through" an uncorrectable error just as you can in RTTY or CW or phone. When V4 gets an error that the FEC can't correct in FEC mode it shows that text in red strikethrough. It doesn't know what characters in the frame are actually bad so it has no choice but to mark the entire frame bad.

2) ARQ mode. This is a "connected" protocol between two stations (and ONLY two stations) and the ARQ mechanism along with FEC insures the data is eventually perfect or else the link will time out eventually (about 2 minutes with no data flowing). In this mode V4Chat suppresses all errors showing only fully corrected text (you should never see strike through text when connected in ARQ mode). When you are in ARQ mode but not connected it works exactly like FEC mode so you can see text (even if it corrupted) or you can also monitor another FEC transmission.

Although it is possible to but some display option to block all uncorrectable text I think it would generally not be good operating practice. E.g. a weak station is calling CQ but rarely decoding without errors. Most would choose to at least see everything received since you often get at least partial data that caries some information. I would like to get feedback on this from more users before putting in such an option because I am afraid it will cause more confusion (e.g. "I hear a station but I don't see any printing" etc.)

73,

Rick KN6KB

From: k1dow_4
Sent: Wednesday, June 20, 2012 3:54 PM

To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Text Box

Rick;

Good to see that you have found some time to devote to V4 again. Your work is enjoyed and appreciated by all of us V4 testers.

One thing I do want to question though is the appearance of the following which I quote from the help files:

"Received text (FEC or unconnected ARQ) with uncorrectable errors is Red strike through (log tag: {Rcv Text Err})"

As I sit here watching this accumulate in my Text Box I'm wondering why should this be cluttering up my text box anyway?

I would prefer to only see correctly decoded text printed. Or at least have an option to turn off uncorrectable text being printed to the Text Box if I prefer not to see it.

Could that be made possible?

73/Russ
K1DOW

2831. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2012-06-21 01:48:46 UTC
From: Ron Wenig
Topic: 43 Message: 2831

Hi Rick,

Just a nit but on my TS-590 when I first start V4 Chat or when I change frequencies clicking on the log the program turns off the auto tuner. If I don't pay attention I could be transmitting with the auto tuner turned off and a high SWR. It does it with 1.0.3.1 patch and older versions.

Thanks,

Ron ny3j

On 6/20/2012 2:42 PM, V4Protocol@yahoogroups.com wrote:
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the V4Protocol
> group.
>
> File : /V4Chat 1.0.3.1 Patch.zip
> Uploaded by : kn6kb <rmuething@...
> <mailto:rmuething%40cfl.rr.com>>
> Description : Pre release patch update of V4Chat 1.0.3.1 with Help
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/V4Protocol/files/V4Chat%201.0.3.1%20Patch.zip
>
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> Regards,
>
> kn6kb <rmuething@... <mailto:rmuething%40cfl.rr.com>>
>
>
>

2832. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2012-06-21 11:44:11 UTC
From: Rick Muething
Topic: 43 Message: 2832

Thanks Ron,

You identified a bug I introduced that cleared the antenna tuner check box. I'll have it fixed in the next release.

Rick KN6KB

From: Ron Wenig
Sent: Wednesday, June 20, 2012 9:48 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

2833. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2012-06-21 11:51:42 UTC
From: Ron Wenig
Topic: 43 Message: 2833

Thanks Rick. I did notice that if you checked that box it didn't save it.

Ron

On 6/21/2012 7:44 AM, Rick Muething wrote:
>
> Thanks Ron,
> You identified a bug I introduced that cleared the antenna tuner check
> box. I'll have it fixed in the next release.
>
> Rick KN6KB
> *From:* Ron Wenig <mailto:rwenig@...>
> *Sent:* Wednesday, June 20, 2012 9:48 PM
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Subject:* Re: [V4Protocol] New file uploaded to V4Protocol
>

2834. V4 Chat update 1.0.4.0

Yahoo group: V4Protocol
Date: 2012-06-22 15:56:51 UTC
From: kn6kb
Topic: 2834 Message: 2834

All,

I will post today a full install for V4Chat to 1.0.4.0 This will correct some problmes with radio control on some radios (Kenwood using tuners). It required making a change in the way the ini file radio data is saved and that will require re setting the parameters in your Radio control setup file of V4Chat.

My suggestion is to make a backup copy of your V4Chat.ini file and if you can't remember how to set up the Radio check this. It will be in the section labled [V4 Chat] note the space between V4 and Chat)

You can use these settings to enter the new Radio menu values which will be saved in a new "[Radio] section of the V4Chat.ini file. Use the menus to make updates do NOT try to edit the ini file.

Sorry for this inconvenience but it is the best time to clean up this error.

I will also post an auto update and by chance if that occurs you can always go into the V4Chat.ini file and look at the old (and now unused) "[V4 Chat]" section to see the values you had in the previous setup.

73,

Rick KN6KB

Example of "V4 Chat" section of V4Chat.ini file that holds the radio control info...this will no longer be by V4Chat bebeginning 1.0.4.0

```
[V4 Chat]
Antenna Baud=9600
PTT Baud=19200
Control Baud=115200
Antenna Control=
Antenna RTS=False
Antenna DTR=True
Antenna Port=None
Antenna Selection=Default
Control DTR=False
Control RTS=True
Control Port=COM7
FM=False
USB=False
USBDigital=True
Icom Address=76
Model=Kenwood TS-590S
PTT Port=K590S
PTT DTR=True
```

```
PTT RTS=True
Tuner=True
```

2835. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2012-06-22 16:19:12 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 2835

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /V4Chat 1.0.4.0 Full Install.zip
Uploaded by : kn6kb <rmuething@...>
Description : V4Chat 1.0.4.0 Full Install with Help, V4 TNC and revision history

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/V4Chat%201.0.4.0%20Full%20Install.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

2836. Re: V4 Text Box

Yahoo group: V4Protocol
Date: 2012-06-23 00:19:06 UTC
From: la7um
Topic: 2828 Message: 2836

Rick, I agree with you also. I like viewing what can be viewed, and sometimes the brain makes the fill ins. 73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Fred - w1wyc" <f_garside@...> wrote:
>
> Hi Rick,
>
> I agree with you. I have been able to interpret a lot of red strike-thru data to allow me to determine what was sent.
>
> 73,
> Fred, W1WYC
>
> ----- Original Message -----
> From: Rick Muething
> To: V4Protocol@yahoogroups.com
> Sent: Wednesday, June 20, 2012 4:21 PM
> Subject: Re: [V4Protocol] V4 Text Box
>
>
>
>
> Russ,
>
> Remember there are two modes that V4 Works in ...selectable by the user.
>
> 1) FEC mode. This tries to correct errors with V4â□□s FEC but there is no â□□back channelâ□□ so the receiving station cannot request a repeat. This mode is used primarily for broadcast (one sender to many recipients) and in that case most users would want to see the data even if a frame were corrupted. Much of the time you can still â□□read throughâ□□ an uncorrectable error just as you can in RTTY or CW or phone. When V4 gets an error that the FEC canâ□□t correct in FEC mode it shows that text in red strikethrough. It doesnâ□□t know what characters in the frame are actually bad so it has no choice but to mark the entire frame bad.
>
> 2) ARQ mode. This is a â□□connectedâ□□ protocol between two stations (and ONLY two stations) and the ARQ mechanism along with FEC insures the data is eventually perfect or else the link will time out eventually (about 2 minutes with no data flowing). In this mode V4Chat suppresses all errors showing only fully corrected text (you should never see strike through text when connected in ARQ mode). When you are in ARQ mode but not connected it works exactly like FEC mode so you can see text (even if it corrupted) or you can also monitor another FEC transmission.
>
> Although it is possible to but some display option to block all uncorrectable text I think it would generally not be good operating practice. E.g. a weak station is calling CQ but rarely decoding without errors. Most would choose to at least see everything received since you often get at least partial data that caries some information. I would like to get feedback on this from more users before putting in such an option because I am afraid it will cause more confusion (e.g. â□□I hear a station but I donâ□□t see any printingâ□□ etc.)
>

> 73,
>
> Rick KN6KB
>
>
> From: k1dow_4
> Sent: Wednesday, June 20, 2012 3:54 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] V4 Text Box
>
>
> Rick;
>
> Good to see that you have found some time to devote to V4 again. Your work is enjoyed and appreciated by all of us V4 testers.
>
> One thing I do want to question though is the appearance of the following which I quote from the help files:
>
> "Received text (FEC or unconnected ARQ) with uncorrectable errors is Red strike through (log tag: {Rcv Text Err})"
>
> As I sit here watching this accumulate in my Text Box I'm wondering why should this be cluttering up my text box anyway?
>
> I would prefer to only see correctly decoded text printed. Or at least have an option to turn off uncorrectable text being printed to the Text Box if I prefer not to see it.
>
> Could that be made possible?
>
> 73/Russ
> K1DOW
>

2837. V4 Chat 1.0.4.0 Auto Update

Yahoo group: V4Protocol
Date: 2012-06-23 15:10:54 UTC
From: Rick Muething
Topic: 2837 Message: 2837

All,

I have uploaded the Latest V4 Chat 1.0.4.0 to the auto update server. This continues to use the V4 TNC version 1.0.2.0 (they are different programs). The help is also updated.

Note: A necessary change in the ini file will require resetting the values in your Radio setup.
Click File, Setup from the main form. Click the Radio Setup button. Enter in the required parameters. The Internal Tuner check box now works OK for Kenwood radios. If you don't remember what your setups were you can open up the V4Chat.ini file with note pad, word or word pad and look in the section "[V4 Chat]" (note space between "V4" and "Chat" and that will contain your old radio settings (now no longer used). Sorry for this inconvenience ... this fix was needed. The new radio settings will be saved in the "[Radio]" section of the V4Chat.ini file.

The full install is available from the Yahoo V4Protocol group files section and also from ftp://autoupdate.winlink.org/User%20Programs/

73,

Rick KN6KB

V4 Chat Revision History

Date: Rev Change Summary

June 22, 2012 1.0.4.0 Release (no changes from 1.0.3.2)

June 21, 2012 1.0.3.2 Corrected problem with Radio loosing antenna tuner enable (check box)
Changed ini section for radio settings to "[Radio]" was using "[V4 Chat]" and confusing with "V4Chat"

June 20, 2012 1.0.3.1 Added enmMuxState to Radio to enable save and restore of Mux state for TS-590S, IC-7200, IC-7600 radios
Changed TS-590S frequency readback to Display read back ("IF" command) to enable Memory recall operation.
Added Radio.ReadMuxState and Radio.RestoreMuxState for TS-590S, IC-7200, IC-7600

June 18, 2012 1.0.3.0 Fixed Radio driver for TS-590S including PTT, Antenna, and tuner control.
Updated Help

2838. RE: [V4Protocol] V4 Chat 1.0.4.0 Auto Update

Yahoo group: V4Protocol
Date: 2012-06-24 20:26:13 UTC
From: Lee Swanson
Topic: 2837 Message: 2838

Rick, I notice that when sending CQ that it now sends out the CQ a total of 12 times before returning to receive. As I recall, it used to send 6 times. What are the chances of adding a box in the "SETUP" menu so that we can select the number of times that the CQ is sent out? This really is not such a big deal. I can just as easily click on the ABORT tab and stop it anytime I desire. Was just a thought.... Other than that, The latest version of V4Chat runs GREAT. Ever since you made the change to v.5.2.0 the program has run very well and I continue to have awesome chats lasting in excess of 45 minutes with little or no additional retries. Oh and one other thing, there have been a few of us who have experienced the waterfall freezing up in the tnc display which forces us to restart the program and after that, it works fine. Does not happen very often. At this point I would guess that maybe I might have too many programs running in ram at the same time. STILL A GREAT LITTLE PROGRAM....Nothing but fun....Lee NR5G

To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Sat, 23 Jun 2012 11:10:54 -0400
Subject: [V4Protocol] V4 Chat 1.0.4.0 Auto Update

All,

I have uploaded the Latest V4 Chat 1.0.4.0 to the auto update server.
This continues to use the V4 TNC version 1.0.2.0 (they are different programs).
The help is also updated.

Note: A necessary change in the ini file will require resetting the values
in your Radio setup.
Click File, Setup from the main form. Click the Radio Setup
button. Enter in the required parameters. The Internal Tuner check box now
works OK for Kenwood radios. If you don’t remember what your setups were you can
open up the V4Chat.ini file with note pad, word or word pad and look in the
section “[V4 Chat]” (note space between “V4” and “Chat” and that will
contain your old radio settings (now no longer used). Sorry for this
inconvenience ... this fix was needed. The new radio
settings will be saved in the “[Radio]” section of the V4Chat.ini file.

The full install is available from the Yahoo V4Protocol group files section
and also from ftp://autoupdate.winlink.org/User%20Programs/

73,

Rick KN6KB

V4 Chat Revision History

Date: Rev
Change Summary

June 22, 2012 1.0.4.0 Release (no
changes from 1.0.3.2)

June 21, 2012 1.0.3.2 Corrected problem with Radio
loosing antenna tuner enable (check box)
Changed
ini section for radio settings to "[Radio]" was using "[V4 Chat]" and confusing
with "V4Chat"

June 20, 2012 1.0.3.1 Added enmMuxState
to Radio to enable save and restore of Mux state for TS-590S, IC-7200, IC-7600
radios
Changed
TS-590S frequency readback to Display read back ("IF" command) to enable Memory
recall operation.
Added
Radio.ReadMuxState and Radio.RestoreMuxState for TS-590S, IC-7200, IC-7600

June 18, 2012 1.0.3.0 Fixed Radio
driver for TS-590S including PTT, Antenna, and tuner control.
Updated
Help

2839. Re: [V4Protocol] V4 Chat 1.0.4.0 Auto Update

Yahoo group: V4Protocol
Date: 2012-06-24 20:57:35 UTC
From: Rick Muething
Topic: 2837 Message: 2839

Lee,

Thanks for the feedback.

The “freezing” of the waterfall is a graphics problem. It only appears with some graphic chip sets. Biggest problem is it does not normally throw any exception and therefore can not be captured by the software. Look at the exceptions log or unhandled exceptions log. If you see entries there around the time of the freeze send the logs to me as attachments.

Other possible solutions:
1) Update the graphics driver on you computer. This has fixed a number of installations in V4Chat and WINMOR.
2) Turn off the waterfall (radio button on the V4 TNC form) and see if that makes a difference. That turns off all waterfall graphics processing.

Certainly the CQ/Call can be made variable but the reason I lengthened it was to allow a longer call which can still be aborted (with automatic ID). I think it is easier to set it long and abort (one click) than to continually fiddle with it in a setup menu.

Rick KN6KB

From: Lee Swanson
Sent: Sunday, June 24, 2012 4:26 PM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] V4 Chat 1.0.4.0 Auto Update

Rick, I notice that when sending CQ that it now sends out the CQ a total of 12 times before returning to receive. As I recall, it used to send 6 times. What are the chances of adding a box in the "SETUP" menu so that we can select the number of times that the CQ is sent out? This really is not such a big deal. I can just as easily click on the ABORT tab and stop it anytime I desire. Was just a thought.... Other than that, The latest version of V4Chat runs GREAT. Ever since you made the change to v.5.2.0 the program has run very well and I continue to have awesome chats lasting in excess of 45 minutes with little or no additional retries. Oh and one other thing, there have been a few of us who have experienced the waterfall freezing up in the tnc display which forces us to restart the program and after that, it works fine. Does not happen very often. At this point I would guess that maybe I might have too many programs running in ram at the same time. STILL A GREAT LITTLE PROGRAM....Nothing but fun....
Lee NR5G

To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Sat, 23 Jun 2012 11:10:54 -0400
Subject: [V4Protocol] V4 Chat 1.0.4.0 Auto Update

All,

I have uploaded the Latest V4 Chat 1.0.4.0 to the auto update server. This continues to use the V4 TNC version 1.0.2.0 (they are different programs). The help is also updated.

Note: A necessary change in the ini file will require resetting the values in your Radio setup.
Click File, Setup from the main form. Click the Radio Setup button. Enter in the required parameters. The Internal Tuner check box now works OK for Kenwood radios. If you don’t remember what your setups were you can open up the V4Chat.ini file with note pad, word or word pad and look in the section “[V4 Chat]” (note space between “V4” and “Chat” and that will contain your old radio settings (now no longer used). Sorry for this inconvenience ... this fix was needed. The new radio settings will be saved in the “[Radio]” section of the V4Chat.ini file.

The full install is available from the Yahoo V4Protocol group files section and also from ftp://autoupdate.winlink.org/User%20Programs/

73,

Rick KN6KB

V4 Chat Revision History

Date: Rev Change Summary

June 22, 2012 1.0.4.0 Release (no changes from 1.0.3.2)

June 21, 2012 1.0.3.2 Corrected problem with Radio loosing antenna tuner enable (check box)
Changed ini section for radio settings to "[Radio]" was using "[V4 Chat]" and confusing with "V4Chat"

June 20, 2012 1.0.3.1 Added enmMuxState to Radio to enable save and restore of Mux state for TS-590S, IC-7200, IC-7600 radios
Changed TS-590S frequency readback to Display read back ("IF" command) to enable Memory recall operation.
Added Radio.ReadMuxState and Radio.RestoreMuxState for TS-590S, IC-7200, IC-7600

June 18, 2012 1.0.3.0 Fixed Radio driver for TS-590S including PTT, Antenna, and tuner control.
Updated Help

2840. New UK 60m Band Utilization Chart

Yahoo group: V4Protocol
Date: 2012-06-26 14:22:01 UTC
From: Ian Wade G3NRW
Topic: 2840 Message: 2840

You may have already seen my Band Utilization Charts for 30m and 160m.
Well, I have now produced a version for the UK 60m Band:

http://homepage.ntlworld.com/wadei/UK_60m_band_utilization.htm

If you spot any errors or omissions, or have any suggestions on how to
improve the chart, please let me know.

Thanks.

--
73
Ian, G3NRW

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

The UK 60m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/UK_60m_band_utilization.htm

The 160m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/160m_band_utilization.htm

2841. TS-590S Digital QuickStart updated to version 1.3

Yahoo group: V4Protocol
Date: 2012-07-10 22:49:45 UTC
From: Ian Wade G3NRW
Topic: 2841 Message: 2841

I have just updated the Kenwood TS-590S Digital QuickStart to version 1.3. The QuickStart explains in detail how to configure several of the most well-known digital packages (such as fldigi, MixW, Digipan etc) to work with the TS-590S.

There are two additions to the previous version:
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
1. A new section on setting up MixW for CAT control.

2. A new section on choosing digital modes, by Scott Traurig, WU2O.
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

To fetch the QuickStart, go to the TS-590S Resources Page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

Scroll down to the "HOWTOs" section, then click on the link:

"TS-590S HOWTO: Digital QuickStart".

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

The TS-990S Resources Page:
http://homepage.ntlworld.com/wadei/ts-990.htm

2842. Available on 20m (14071.5 USB, 14073 CF)

Yahoo group: V4Protocol
Date: 2012-07-13 16:49:25 UTC
From: Sander Pool
Topic: 2842 Message: 2842

Hi,

I would like to give V4 a try. At the moment I only have a 20m antenna so I'm available on 14071.5 USB, 14073 CF unless you have a different frequency to suggest. Searching the archive suggested that was the preferred 20m spot but maybe I misinterpreted what I read.

I'll leave my radio/computer running today while I work and check a few times. If you'd like to have a chat session feel free to send me email off-line or here. My grid is FN31FG, CT-USA. Rig is a TS-2000 fed to a not so good dipole but I had a PSK31 QSO with Caracas last night so it's not totally bad.

73,

Sander W1SOP

2843. Re: [V4Protocol] Available on 20m (14071.5 USB, 14073 CF)

Yahoo group: V4Protocol
Date: 2012-07-13 17:42:59 UTC
From: Fred - w1wyc
Topic: 2842 Message: 2843

Hi Sander,

You want 14073.000 as Dial, 14074.500 is CF.
That is the typical watering hole frequency.
I'm sitting on 14074.5 Mhz CF right now.

Fred, W1WYC, FN42jm

----- Original Message -----
From: Sander Pool
To: V4Protocol@yahoogroups.com
Sent: Friday, July 13, 2012 12:49 PM
Subject: [V4Protocol] Available on 20m (14071.5 USB, 14073 CF)

Hi,

I would like to give V4 a try. At the moment I only have a 20m antenna
so I'm available on 14071.5 USB, 14073 CF unless you have a different
frequency to suggest. Searching the archive suggested that was the
preferred 20m spot but maybe I misinterpreted what I read.

I'll leave my radio/computer running today while I work and check a few
times. If you'd like to have a chat session feel free to send me email
off-line or here. My grid is FN31FG, CT-USA. Rig is a TS-2000 fed to a
not so good dipole but I had a PSK31 QSO with Caracas last night so it's
not totally bad.

73,

Sander W1SOP

2844. 14074.5 KHz Today

Yahoo group: V4Protocol
Date: 2012-07-14 23:59:31 UTC
From: ab9ta
Topic: 2844 Message: 2844

Hello!

I was seeing both KD7ZD and K1CKK just now, but we just can't seem to get a connection that stays up... Signals from both stations are weak here near Chicago, plus there are some adjacent Olivia stations on both sides..

73! Bill
AB9TA

2845. Re: [V4Protocol] 14074.5 KHz Today

Yahoo group: V4Protocol
Date: 2012-07-15 02:54:12 UTC
From: Phil Logan-Kelly
Topic: 2844 Message: 2845

Thanks Bill. At least I know I was getting out. I can generally be heard better than I can hear. I’m running a vertical and of course that’s very noisy.

73

Phil
KD7ZD

From: ab9ta
Sent: Saturday, July 14, 2012 4:59 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] 14074.5 KHz Today

Hello!

I was seeing both KD7ZD and K1CKK just now, but we just can't seem to get a connection that stays up... Signals from both stations are weak here near Chicago, plus there are some adjacent Olivia stations on both sides..

73! Bill
AB9TA

2846. V4 Contacts on 14073KHz.

Yahoo group: V4Protocol
Date: 2012-07-16 16:24:04 UTC
From: Eugene Morgan
Topic: 2846 Message: 2846

To 7X4DR and 9H1ZZ,

Heard you both on V4 on 20m - my log says CONNECTED but the link was quickly broken due to QSB:

7X4DR @ 15:42:55

9H1ZZ @ 10:00:22

I was running 40 watts.

73 de Eugene / G4AIU

2847. RE: [V4Protocol] V4 Contacts on 14073KHz.

Yahoo group: V4Protocol
Date: 2012-07-16 17:18:14 UTC
From: Robin Hodgson
Topic: 2846 Message: 2847

Thanks Eugene. Glad you heard me..... I also got CONNECTED with you at 16:00:22 but the link then dropped.
I am going to try V4 with another local ham here, so we can validate its use with strong signals first.Also saw 7X4DR calling CQ at 15:56:50.I am running 25 watts into an off-tuned 30 meter dipole! Maybe I should stick to 30 meters!
73 Robin 9H1ZZ
To: V4Protocol@yahoogroups.com
From: G4AIU@...
Date: Mon, 16 Jul 2012 17:24:04 +0100
Subject: [V4Protocol] V4 Contacts on 14073KHz.

To 7X4DR and 9H1ZZ, Heard you both on V4 on 20m – my log says CONNECTED but the link was quickly broken due to QSB:7X4DR @ 15:42:559H1ZZ @ 10:00:22 I was running 40 watts. 73 de Eugene / G4AIU

2848. Re: Available on 20m (14071.5 USB, 14073 CF)

Yahoo group: V4Protocol
Date: 2012-07-18 15:36:06 UTC
From: Sander Pool
Topic: 2842 Message: 2848

Hi Fred,

sorry for my late reply and thanks for jumping in when I posted. I
forgot my V4 group settings were set to digest so I didn't get your
reply till the next day.

I will try this again soon and use the frequency settings you list below.

73,

Sander W1SOP

Fred, W1WYC wrote:
>You want 14073.000 as Dial, 14074.500 is CF.
That is the typical watering hole frequency.
I'm sitting on 14074.5 Mhz CF right now.

2849. Re: [V4Protocol] Re: Available on 20m (14071.5 USB, 14073 CF)

Yahoo group: V4Protocol
Date: 2012-07-18 18:37:18 UTC
From: Fred - w1wyc
Topic: 2842 Message: 2849

Hi Sander,

I wish there was more activity on V4. I will usually leave my rig on 14073 dial when I'm not there except for today. We had severe t-storms just pass through.

GL & 73,
Fred, W1WYC, FN42jm

----- Original Message -----
From: Sander Pool
To: V4Protocol@yahoogroups.com
Sent: Wednesday, July 18, 2012 11:36 AM
Subject: [V4Protocol] Re: Available on 20m (14071.5 USB, 14073 CF)

Hi Fred,

sorry for my late reply and thanks for jumping in when I posted. I
forgot my V4 group settings were set to digest so I didn't get your
reply till the next day.

I will try this again soon and use the frequency settings you list below.

73,

Sander W1SOP

Fred, W1WYC wrote:
>You want 14073.000 as Dial, 14074.500 is CF.
That is the typical watering hole frequency.
I'm sitting on 14074.5 Mhz CF right now.

2850. Things have changed

Yahoo group: V4Protocol
Date: 2012-07-18 19:44:27 UTC
From: Ian Wade G3NRW
Topic: 2850 Message: 2850

Rick

Having been away from here for a little time, I decided just now to try V4 again. On startup, V4 Chat was automatically updated to 1.0.4.0, and V4 is at 1.0.2.0.

In V4, where has the Radio Settings menu gone? I need to set up V4 for the TS-590S.

--
73
Ian, G3NRW

2851. 80 meter Warbler on V4?

Yahoo group: V4Protocol
Date: 2012-07-18 20:32:59 UTC
From: kz1x
Topic: 2851 Message: 2851

I looked and could not find anyone who has used their NJ QRP 80m Warbler with the V4 protocol.

Has that been tried?

tnx Steve KZ1X/4

2852. calling cq on 10131

Yahoo group: V4Protocol
Date: 2012-07-18 22:21:56 UTC
From: Dick Lamberson
Topic: 2852 Message: 2852

@ 2220GMT - for about 1/2 hour

2853. Re: [V4Protocol] calling cq on 10131

Yahoo group: V4Protocol
Date: 2012-07-18 22:41:00 UTC
From: Dick Lamberson
Topic: 2852 Message: 2853

KJ1J I heard you calling but too much qrn to decode -
Thanks for the call.
Dick,
Port St. Joe, FL

----- Original Message -----
From: Dick Lamberson
To: V4Protocol@yahoogroups.com
Sent: Wednesday, July 18, 2012 6:21 PM
Subject: [V4Protocol] calling cq on 10131

@ 2220GMT - for about 1/2 hour

2854. V4 Contact on 14073KHz

Yahoo group: V4Protocol
Date: 2012-07-19 15:17:59 UTC
From: EUGENE
Topic: 2854 Message: 2854

Hi Abel,

Hearing you on 14073KHz - we got connected but link in broken.

You sent ..." My name is Abel and Loc JN01 how copy? G4AIU de EA3AQS.
I have called for several minutes but cannot connect - will monitor QRG.

73 Eugene / G4AIU

2855. FW: [V4Protocol] V4 Contact on 14073KHz

Yahoo group: V4Protocol
Date: 2012-07-19 15:57:03 UTC
From: Eugene Morgan
Topic: 2854 Message: 2855

Hi Abel,

(Not sure if this email actually got through - so I am resending)

Hearing you on 14073KHz - we got connected @ 15:05:50 but link was broken.

You sent ..." My name is Abel and Loc JN01 how copy? G4AIU de EA3AQS.
I have called for several minutes but cannot connect - will monitor QRG.

73 Eugene / G4AIU

2856. Re: FW: [V4Protocol] V4 Contact on 14073KHz

Yahoo group: V4Protocol
Date: 2012-07-19 18:07:16 UTC
From: Abelard Encabo
Topic: 2854 Message: 2856

Hi Eugene , I also could hear you and got any text. But yes the link was broken so far.
I worked some people in V4 days ago, but only in FEC mode. I have never been able
to begin and finish a full qso as yet.
See you again 73 de Abel

2012/7/19 Eugene Morgan <G4AIU@...>

> **
>
>
> Hi Abel,
>
>
> ****
>
> (Not sure if this email actually got through – so I am resending)****
>
> Hearing you on 14073KHz - we got connected @ 15:05:50 but link was broken.
>
>
> You sent ..." My name is Abel and Loc JN01 how copy? G4AIU de EA3AQS.
> I have called for several minutes but cannot connect - will monitor QRG.
>
> 73 Eugene / G4AIU
>
> ****
>
> ****
>
>
>

2857. calling cq on 10131

Yahoo group: V4Protocol
Date: 2012-07-19 21:28:54 UTC
From: Dick Lamberson
Topic: 2852 Message: 2857

@ 2230GMT - for about 1/2 hour

2858. qso

Yahoo group: V4Protocol
Date: 2012-07-20 01:07:31 UTC
From: Gary
Topic: 2858 Message: 2858

Lee NR5G, thanks for the first contact, guess the band drop out after a while, I tied to connect again but you were in qso with Leo, I did not copy him at all...
73
Gary WD9DUI

2859. Only one CQ call at a time

Yahoo group: V4Protocol
Date: 2012-07-20 20:28:33 UTC
From: Ian Wade G3NRW
Topic: 2859 Message: 2859

Running 1.0.4.0

When calling CQ, most times V4 Chat will call only once. Then it makes no more calls, even though the channel is clear. Finally I have to Abort the call.

But very occasionally it will call many times in succession as expected (I didn't count how many) and then terminate with the CW ID.

Have I missed a setting somewhere?

--
73
Ian, G3NRW

2860. Re: [V4Protocol] Only one CQ call at a time

Yahoo group: V4Protocol
Date: 2012-07-20 20:38:18 UTC
From: Rick Westerfield
Topic: 2859 Message: 2860

My guess would be RF getting into the system. See what happens when you transmit into a 50 ohm dummy load - you will know for sure then.

Rick KH2DF

Sent from my iPhone

On Jul 20, 2012, at 3:28 PM, Ian Wade G3NRW <g3nrw-radio@...> wrote:

> Running 1.0.4.0
>
> When calling CQ, most times V4 Chat will call only once. Then it makes
> no more calls, even though the channel is clear. Finally I have to Abort
> the call.
>
> But very occasionally it will call many times in succession as expected
> (I didn't count how many) and then terminate with the CW ID.
>
> Have I missed a setting somewhere?
>
> --
> 73
> Ian, G3NRW
>
>

2861. Re: [V4Protocol] Only one CQ call at a time

Yahoo group: V4Protocol
Date: 2012-07-20 21:32:10 UTC
From: Ian Wade G3NRW
Topic: 2859 Message: 2861

___Original Message_____________________________________
From: Rick Westerfield <r_lwesterfield@...>
Date: Fri, 20 Jul 2012 Time: 15:38:18
>
>My guess would be RF getting into the system. See what happens when
>you transmit into a 50 ohm dummy load - you will know for sure then.
>Rick KH2DF
>

Rick

That was my first thought as well, but I don't have any problems with
any other package. I tried dropping the power to 5w into a dummy load,
but it's just the same.

--
73
Ian, G3NRW

2862. Band Utilization Charts: all buttoned up

Yahoo group: V4Protocol
Date: 2012-07-22 08:53:32 UTC
From: Ian Wade G3NRW
Topic: 2862 Message: 2862

To improve navigation on the 30m, UK 60m and 160m Band Utilization Charts, I have now added a clickable button at the start of each section. This makes the page less cluttered. Just click on a button, and the section is expanded.

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

The UK 60m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/UK_60m_band_utilization.htm

The 160m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/160m_band_utilization.htm

--
73
Ian, G3NRW

2863. Re: [V4Protocol] Band Utilization Charts: all buttoned up

Yahoo group: V4Protocol
Date: 2012-07-22 14:54:28 UTC
From: Eric Earl
Topic: 2862 Message: 2863

Ian, what a beautiful job you have done with these charts.

Thank-you sincerely

Eric// KG4OZO// Atlanta.

----- Original Message -----
From: Ian Wade G3NRW
To: V4Protocol@yahoogroups.com
Sent: Sunday, July 22, 2012 4:53 AM
Subject: [V4Protocol] Band Utilization Charts: all buttoned up

To improve navigation on the 30m, UK 60m and 160m Band Utilization Charts, I have now added a clickable button at the start of each section. This makes the page less cluttered. Just click on a button, and the section is expanded.

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

The UK 60m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/UK_60m_band_utilization.htm

The 160m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/160m_band_utilization.htm

--
73
Ian, G3NRW

2864. calling cq on 10131

Yahoo group: V4Protocol
Date: 2012-07-22 20:22:45 UTC
From: Dick Lamberson
Topic: 2852 Message: 2864

Trying 30 mtrs again for about 30 minutes
anyone interested?
Thanks,
Dick, W4WEB

2865. RE: [V4Protocol] calling cq on 10131

Yahoo group: V4Protocol
Date: 2012-07-22 21:18:10 UTC
From: Kirk, K6KAR
Topic: 2852 Message: 2865
Attachments: 2 described; binary payloads are missing from this source WARC

Dick,

Just saw your email. I'll meet you on 10131 now, if you're still available.
Will take me a couple of minutes to get out to my station and fire it up.
Let me know.

Regards,

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
Behalf Of Dick Lamberson
Sent: Sunday, July 22, 2012 3:23 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] calling cq on 10131

Trying 30 mtrs again for about 30 minutes

anyone interested?

Thanks,

Dick, W4WEB

2866. Re: [V4Protocol] calling cq on 10131

Yahoo group: V4Protocol
Date: 2012-07-22 22:24:01 UTC
From: Dick Lamberson
Topic: 2852 Message: 2866

Thanks Kirk but I had to leave about 4:55 so did not get your email on time.
Maybe next time -
73,
Dick

----- Original Message -----
From: Kirk, K6KAR
To: V4Protocol@yahoogroups.com
Sent: Sunday, July 22, 2012 5:18 PM
Subject: RE: [V4Protocol] calling cq on 10131

Dick,

Just saw your email. I'll meet you on 10131 now, if you're still available. Will take me a couple of minutes to get out to my station and fire it up. Let me know.

Regards,

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Dick Lamberson
Sent: Sunday, July 22, 2012 3:23 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] calling cq on 10131

Trying 30 mtrs again for about 30 minutes

anyone interested?

Thanks,

Dick, W4WEB

2867. Trialling v. 1.0.4.0 experiments

Yahoo group: V4Protocol
Date: 2012-07-25 14:33:15 UTC
From: Robin
Topic: 2867 Message: 2867

Having no experience with any ARQ protocol before, I had been playing with V4Chat for several months, with little success. I have now installed v.1.0.4.0 and also persuaded a nearby (3 km away) ham to do the same.
After sorting out the T>R latency issues, we succeeded in getting reliable ARQ connects between us. However we are having difficulty mastering the IRS to ISS switch (and v.v), which should be automatic, once connected.
The data we enter in the text box remains there even after invoking a "send command" or hitting the Queue Data button. Sometimes some of the data does get transferred to the OB Queue and is registered on the OB counter. How do you know what text has already been queued (or sent) and what is still waiting? Surely the data should disappear (or change color or something) from the text box once it is in the OB queue? Do we have to edit it out by hand?
Sometimes the data transfer does work as described in the HELP section. But we are regularly seeing error messages such as "IDL Received as ISS and queue not empty. No switch to IRS" being presented. On investigating, we find that when this happens, both stations' V4TNC screen are reporting they are in an ISS state, and the session times out.
Being newbies, we would like to know what we are doing wrong, and appreciate any comments from this group.

Thanks and 73 Robin, 9H1ZZ

2868. Re: Trialling v. 1.0.4.0 experiments

Yahoo group: V4Protocol
Date: 2012-07-25 23:51:49 UTC
From: la7um
Topic: 2867 Message: 2868

Try no vox delay whatsoever. Remember this is primary a ARQ mode like WINMOR. But CAN also run broadcast FEC.Also try make CR the trigger for outbound queue. 73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Robin" <robin_a_hodgson@...> wrote:
>
> Having no experience with any ARQ protocol before, I had been playing with V4Chat for several months, with little success. I have now installed v.1.0.4.0 and also persuaded a nearby (3 km away) ham to do the same.
> After sorting out the T>R latency issues, we succeeded in getting reliable ARQ connects between us. However we are having difficulty mastering the IRS to ISS switch (and v.v), which should be automatic, once connected.
> The data we enter in the text box remains there even after invoking a "send command" or hitting the Queue Data button. Sometimes some of the data does get transferred to the OB Queue and is registered on the OB counter. How do you know what text has already been queued (or sent) and what is still waiting? Surely the data should disappear (or change color or something) from the text box once it is in the OB queue? Do we have to edit it out by hand?
> Sometimes the data transfer does work as described in the HELP section. But we are regularly seeing error messages such as "IDL Received as ISS and queue not empty. No switch to IRS" being presented. On investigating, we find that when this happens, both stations' V4TNC screen are reporting they are in an ISS state, and the session times out.
> Being newbies, we would like to know what we are doing wrong, and appreciate any comments from this group.
>
> Thanks and 73 Robin, 9H1ZZ
>

2869. RE: [V4Protocol] Re: Trialling v. 1.0.4.0 experiments

Yahoo group: V4Protocol
Date: 2012-07-26 09:39:01 UTC
From: Robin Hodgson
Topic: 2867 Message: 2869

Hi Finn,
I am not familiar with WINMOR, and I want to get V4 to work in ARQ mode, as claimed.
For broadcast, I am happy using regular PSK (with FEC, if needed).
The rig PTT is driven directly using a dedicated COM port. There is no VOX interfacing.
All four programmed selections of possible "send command" have been tried, as well as the "Queue Data" button.
I also tried sending a file, instead of typing into the text window. That seemed to transfer correctly to the OB queue.

Thanks again for your inputs.

73 Robin, 9H1zz

To: V4Protocol@yahoogroups.com
From: la7um@...
Date: Wed, 25 Jul 2012 23:51:49 +0000
Subject: [V4Protocol] Re: Trialling v. 1.0.4.0 experiments

Try no vox delay whatsoever. Remember this is primary a ARQ mode like WINMOR. But CAN also run broadcast FEC.Also try make CR the trigger for outbound queue. 73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Robin" <robin_a_hodgson@...> wrote:

>

> Having no experience with any ARQ protocol before, I had been playing with V4Chat for several months, with little success. I have now installed v.1.0.4.0 and also persuaded a nearby (3 km away) ham to do the same.

> After sorting out the T>R latency issues, we succeeded in getting reliable ARQ connects between us. However we are having difficulty mastering the IRS to ISS switch (and v.v), which should be automatic, once connected.

> The data we enter in the text box remains there even after invoking a "send command" or hitting the Queue Data button. Sometimes some of the data does get transferred to the OB Queue and is registered on the OB counter. How do you know what text has already been queued (or sent) and what is still waiting? Surely the data should disappear (or change color or something) from the text box once it is in the OB queue? Do we have to edit it out by hand?

> Sometimes the data transfer does work as described in the HELP section. But we are regularly seeing error messages such as "IDL Received as ISS and queue not empty. No switch to IRS" being presented. On investigating, we find that when this happens, both stations' V4TNC screen are reporting they are in an ISS state, and the session times out.

> Being newbies, we would like to know what we are doing wrong, and appreciate any comments from this group.

>

> Thanks and 73 Robin, 9H1ZZ

>

2870. Calling cq on 14.073

Yahoo group: V4Protocol
Date: 2012-07-26 19:36:55 UTC
From: BrianW
Topic: 2870 Message: 2870

Been monitoring FEC all afternoon and evening,calling periodically. Strong psk on 070 and rtty on 080, but nothing on waterfall for 073. Calling now on 14.073

Brian (g0hdi)

2871. RE: [V4Protocol] Calling cq on 14.073

Yahoo group: V4Protocol
Date: 2012-07-26 20:02:25 UTC
From: Kirk, K6KAR
Topic: 2870 Message: 2871
Attachments: 2 described; binary payloads are missing from this source WARC

Brain,

I did hear you and at one point we connected but propagation doesn't favor us. Only received a few words. Maybe some other time we can try this again.

73,

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of BrianW
Sent: Thursday, July 26, 2012 2:37 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Calling cq on 14.073

Been monitoring FEC all afternoon and evening,calling periodically. Strong psk on 070 and rtty on 080, but nothing on waterfall for 073. Calling now on 14.073

Brian (g0hdi)

2872. Ooops!

Yahoo group: V4Protocol
Date: 2012-07-26 20:13:44 UTC
From: BrianW
Topic: 2872 Message: 2872

Sorry Kirk K6KAR. Wish this mode had a chat facility like ROS Hi!. Apparently I have just been connected to you on 14.073, but didn't know how to respond, or what I was sending to you automatically so had to requested disconnect before I tied your station up or something. I was starting out with FEC mode only for now as only just set up today. Need to gen up on ARQ now.

Brian

2873. RE: [V4Protocol] Ooops!

Yahoo group: V4Protocol
Date: 2012-07-26 20:52:04 UTC
From: Kirk, K6KAR
Topic: 2872 Message: 2873
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Brian,

As you're probably aware, here in the US, ROS is not yet a legal mode to use. I still use it on occasion. HI.

We did connect but propagation didn't work for us. You don't ever have to send a disconnect as tying up my or any station isn't a consideration. With V4, I rarely use FEC. With ARQ all you have to do is respond to the message and then it becomes a back and forth QSO. Hopefully, we can have a solid QSO in the near future. At least we tried!!

73,

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of BrianW
Sent: Thursday, July 26, 2012 3:14 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Ooops!

Sorry Kirk K6KAR. Wish this mode had a chat facility like ROS Hi!. Apparently I have just been connected to you on 14.073, but didn't know how to respond, or what I was sending to you automatically so had to requested disconnect before I tied your station up or something. I was starting out with FEC mode only for now as only just set up today. Need to gen up on ARQ now.

Brian

2874. Re: [V4Protocol] Ooops!

Yahoo group: V4Protocol
Date: 2012-07-26 21:14:15 UTC
From: Brian Walker
Topic: 2872 Message: 2874
Attachments: 2 described; binary payloads are missing from this source WARC

Ok Kirk thanks. I did respond with hello to your own, but my station sent so many packets that I panicked. I thought I was stuck in some sort of loop Hi!. I guess it was just trying for an acknowledgment. Obviously much harder than the vhf packet I used many moons ago. I'll try again tomorrow evening. It's 22:13 here so packing it in for today. Cheers, and 73 for now. Forgot about the ROS being a no no by the way. Shame!

Brian g0hdi
New Forest, Hampshire

From: "Kirk, K6KAR" <kirk.harding@...>
To: V4Protocol@yahoogroups.com
Sent: Thursday, 26 July 2012, 21:52
Subject: RE: [V4Protocol] Ooops!

Hi Brian,

As you’re probably aware, here in the US, ROS is not yet a legal mode to use. I still use it on occasion. HI.
We did connect but propagation didn’t work for us. You don’t ever have to send a disconnect as tying up my or any station isn’t a consideration. With V4, I rarely use FEC. With ARQ all you have to do is respond to the message and then it becomes a back and forth QSO. Hopefully, we can have a solid QSO in the near future. At least we tried!!

73,

Kirk, K6KAR
Niceville, FL

From:V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of BrianW
Sent: Thursday, July 26, 2012 3:14 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Ooops!

Sorry Kirk K6KAR. Wish this mode had a chat facility like ROS Hi!. Apparently I have just been connected to you on 14.073, but didn't know how to respond, or what I was sending to you automatically so had to requested disconnect before I tied your station up or something. I was starting out with FEC mode only for now as only just set up today. Need to gen up on ARQ now.

Brian

2875. RE: [V4Protocol] Trialling v. 1.0.4.0 experiments

Yahoo group: V4Protocol
Date: 2012-07-27 10:00:35 UTC
From: Robin Hodgson
Topic: 2867 Message: 2875

I have finally had a satisfactory 20 meter V4 QSO with another station (M0SFR) 2000km away, in which the process worked exactly as
the HELP section describes.
So why do we have problems trying to work 3 km distance? In trials, ARQ connect completes both on 20m and 30m bands.
But the transfer of text is problematic, as described before. Could this be related to the fact that my Kenwood TS850S
has a typical latency of 50ms, while the other station is using a FLEX and is experiencing typical latency figures around 200ms?
The only other difference is that I receive strong signals from the other station, while he receives much weaker signals from me.
This asymmetry is due to power output and antenna configuration differences between us.

Robin, 9H1ZZ

To: V4Protocol@yahoogroups.com
From: robin_a_hodgson@hotmail.com
Date: Wed, 25 Jul 2012 14:33:15 +0000
Subject: [V4Protocol] Trialling v. 1.0.4.0 experiments

Having no experience with any ARQ protocol before, I had been playing with V4Chat for several months, with little success. I have now installed v.1.0.4.0 and also persuaded a nearby (3 km away) ham to do the same.

After sorting out the T>R latency issues, we succeeded in getting reliable ARQ connects between us. However we are having difficulty mastering the IRS to ISS switch (and v.v), which should be automatic, once connected.

The data we enter in the text box remains there even after invoking a "send command" or hitting the Queue Data button. Sometimes some of the data does get transferred to the OB Queue and is registered on the OB counter. How do you know what text has already been queued (or sent) and what is still waiting? Surely the data should disappear (or change color or something) from the text box once it is in the OB queue? Do we have to edit it out by hand?

Sometimes the data transfer does work as described in the HELP section. But we are regularly seeing error messages such as "IDL Received as ISS and queue not empty. No switch to IRS" being presented. On investigating, we find that when this happens, both stations' V4TNC screen are reporting they are in an ISS state, and the session times out.

Being newbies, we would like to know what we are doing wrong, and appreciate any comments from this group.

Thanks and 73 Robin, 9H1ZZ

2876. Re: [V4Protocol] Trialling v. 1.0.4.0 experiments

Yahoo group: V4Protocol
Date: 2012-07-27 14:09:48 UTC
From: Alex Shafarenko
Topic: 2867 Message: 2876

Hi there,

I am the station with which Robin had his successful QSO on 20m, reported below . I was running 100W into an end-fed dipole 8m AGL and the conditions were reasonably good (got 28db S/N from Iceland, a similar distance away, on the reverse beacon network around the same time). However, Robin's signal was weak, causing a lot of retransmissions in both directions.

I did not upgrade to the new version of V4CHAT, so can't comment on the problems below, but under the old version I had no problems whatsoever sending and receiving when the signal was reasonably strong.

Here the rig is IC-7200 and I use its built-in USB sound card, which I understand is reasonably low latency.

Just for your information.

73s,

Alex M0SFR

On 27 Jul 2012, at 11:00, Robin Hodgson wrote:

>
> I have finally had a satisfactory 20 meter V4 QSO with another station (M0SFR) 2000km away, in which the process worked exactly as
> the HELP section describes.
> So why do we have problems trying to work 3 km distance? In trials, ARQ connect completes both on 20m and 30m bands.
> But the transfer of text is problematic, as described before. Could this be related to the fact that my Kenwood TS850S
> has a typical latency of 50ms, while the other station is using a FLEX and is experiencing typical latency figures around 200ms?
> The only other difference is that I receive strong signals from the other station, while he receives much weaker signals from me.
> This asymmetry is due to power output and antenna configuration differences between us.
>
> Robin, 9H1ZZ
>
> To: V4Protocol@yahoogroups.com
> From: robin_a_hodgson@...
> Date: Wed, 25 Jul 2012 14:33:15 +0000
> Subject: [V4Protocol] Trialling v. 1.0.4.0 experiments
>
>
> Having no experience with any ARQ protocol before, I had been playing with V4Chat for several months, with little success. I have now installed v.1.0.4.0 and also persuaded a

nearby (3 km away) ham to do the same.
> After sorting out the T>R latency issues, we succeeded in getting reliable ARQ connects between us. However we are having difficulty mastering the IRS to ISS switch (and v.v), which should be automatic, once connected.
> The data we enter in the text box remains there even after invoking a "send command" or hitting the Queue Data button. Sometimes some of the data does get transferred to the OB Queue and is registered on the OB counter. How do you know what text has already been queued (or sent) and what is still waiting? Surely the data should disappear (or change color or something) from the text box once it is in the OB queue? Do we have to edit it out by hand?
> Sometimes the data transfer does work as described in the HELP section. But we are regularly seeing error messages such as "IDL Received as ISS and queue not empty. No switch to IRS" being presented. On investigating, we find that when this happens, both stations' V4TNC screen are reporting they are in an ISS state, and the session times out.
> Being newbies, we would like to know what we are doing wrong, and appreciate any comments from this group.
>
> Thanks and 73 Robin, 9H1ZZ
>
>
>
>

2877. Calling cq on 14.073 now

Yahoo group: V4Protocol
Date: 2012-07-29 15:20:14 UTC
From: BrianW
Topic: 2877 Message: 2877

Hello!. Anyone not watching the Olympics Hi!

40 watts fec or arq into a Pro Whip antenna. Any takers?

2878. Re: [V4Protocol] Calling cq on 14.073 now

Yahoo group: V4Protocol
Date: 2012-07-29 16:05:09 UTC
From: WD9DUI
Topic: 2877 Message: 2878

I was on yesterday, saw a few stations but was not able to connect, bands are still out to lunch!
Will be on later...

73
Gary wd9dui

From: BrianW
Sent: Sunday, July 29, 2012 8:20 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Calling cq on 14.073 now

Hello!. Anyone not watching the Olympics Hi!

40 watts fec or arq into a Pro Whip antenna. Any takers?

Yahoo! Groups Links

2879. Re: Calling cq on 14.073 now

Yahoo group: V4Protocol
Date: 2012-07-29 16:10:48 UTC
From: BrianW
Topic: 2877 Message: 2879

Understood. Someone is in qso at the moment it seems, but states having problems. Dont have a callsign as yet

73 Brian (g0hdi)

--- In V4Protocol@yahoogroups.com, "WD9DUI" <wd9dui@...> wrote:
>
> I was on yesterday, saw a few stations but was not able to connect, bands are still out to lunch!
> Will be on later...
>
> 73
> Gary wd9dui
>
>
>
> From: BrianW
> Sent: Sunday, July 29, 2012 8:20 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Calling cq on 14.073 now
>
> Hello!. Anyone not watching the Olympics Hi!
>
> 40 watts fec or arq into a Pro Whip antenna. Any takers?
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

2880. Re: [V4Protocol] Re: Calling cq on 14.073 now

Yahoo group: V4Protocol
Date: 2012-07-29 16:13:40 UTC
From: Pat
Topic: 2877 Message: 2880

I have just made QSO with G4AIU and 9H1ZZ.
I use IC-703 Pwr = 10 Watt ant. GPA30

73 de Pat ON2AD

From: BrianW
Sent: Sunday, July 29, 2012 6:10 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Calling cq on 14.073 now

Understood. Someone is in qso at the moment it seems, but states having problems. Dont have a callsign as yet

73 Brian (g0hdi)

--- In mailto:V4Protocol%40yahoogroups.com, "WD9DUI" <wd9dui@...> wrote:
>
> I was on yesterday, saw a few stations but was not able to connect, bands are still out to lunch!
> Will be on later...
>
> 73
> Gary wd9dui
>
>
>
> From: BrianW
> Sent: Sunday, July 29, 2012 8:20 AM
> To: mailto:V4Protocol%40yahoogroups.com
> Subject: [V4Protocol] Calling cq on 14.073 now
>
> Hello!. Anyone not watching the Olympics Hi!
>
> 40 watts fec or arq into a Pro Whip antenna. Any takers?
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

2881. Re: Calling cq on 14.073 now

Yahoo group: V4Protocol
Date: 2012-07-29 16:17:31 UTC
From: BrianW
Topic: 2877 Message: 2881

That station, in fec mode, has signed off with 73 and cuagn, but still no call sign. Malta was in the text so I called qrz Malta. No joy however.

Brian

--- In V4Protocol@yahoogroups.com, "BrianW" <jillxbrian@...> wrote:
>
> Understood. Someone is in qso at the moment it seems, but states having problems. Dont have a callsign as yet
>
> 73 Brian (g0hdi)
>
> --- In V4Protocol@yahoogroups.com, "WD9DUI" <wd9dui@> wrote:
> >
> > I was on yesterday, saw a few stations but was not able to connect, bands are still out to lunch!
> > Will be on later...
> >
> > 73
> > Gary wd9dui
> >
> >
> >
> > From: BrianW
> > Sent: Sunday, July 29, 2012 8:20 AM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] Calling cq on 14.073 now
> >
> > Hello!. Anyone not watching the Olympics Hi!
> >
> > 40 watts fec or arq into a Pro Whip antenna. Any takers?
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
>

2882. Re: [V4Protocol] Calling cq on 14.073 now

Yahoo group: V4Protocol
Date: 2012-07-29 16:23:50 UTC
From: ED WOODS
Topic: 2877 Message: 2882

Hi DUI we must have been issued about the same time. I got my mine (DVA) at a test in Evansville. It was in the 70's (I think) 73 Ed
----- Original Message -----
From: WD9DUI
To: V4Protocol@yahoogroups.com
Sent: Sunday, July 29, 2012 16:05
Subject: Re: [V4Protocol] Calling cq on 14.073 now

I was on yesterday, saw a few stations but was not able to connect, bands are still out to lunch!
Will be on later...

73
Gary wd9dui

From: BrianW
Sent: Sunday, July 29, 2012 8:20 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Calling cq on 14.073 now

Hello!. Anyone not watching the Olympics Hi!

40 watts fec or arq into a Pro Whip antenna. Any takers?

Yahoo! Groups Links

2883. Re: Calling cq on 14.073 now

Yahoo group: V4Protocol
Date: 2012-07-29 16:37:27 UTC
From: BrianW
Topic: 2877 Message: 2883

I heard/read a cq from 7x4dr and answered resulting in a connection confirmed. My station then kept sending a short burst of data until finally timing out. No text was received from 7x4dr. As I'm like really new to this mode (arq) what actually happened there?. Was I supposed to stop my transmission in some way after the connection was made to allow the other station to tx, which I assumed would be done automatically anyway.
Cheers, Brian

--- In V4Protocol@yahoogroups.com, "BrianW" <jillxbrian@...> wrote:
>
> That station, in fec mode, has signed off with 73 and cuagn, but still no call sign. Malta was in the text so I called qrz Malta. No joy however.
>
> Brian
>
> --- In V4Protocol@yahoogroups.com, "BrianW" <jillxbrian@> wrote:
> >
> > Understood. Someone is in qso at the moment it seems, but states having problems. Dont have a callsign as yet
> >
> > 73 Brian (g0hdi)
> >
> > --- In V4Protocol@yahoogroups.com, "WD9DUI" <wd9dui@> wrote:
> > >
> > > I was on yesterday, saw a few stations but was not able to connect, bands are still out to lunch!
> > > Will be on later...
> > >
> > > 73
> > > Gary wd9dui
> > >
> > >
> > >
> > > From: BrianW
> > > Sent: Sunday, July 29, 2012 8:20 AM
> > > To: V4Protocol@yahoogroups.com
> > > Subject: [V4Protocol] Calling cq on 14.073 now
> > >
> > > Hello!. Anyone not watching the Olympics Hi!
> > >
> > > 40 watts fec or arq into a Pro Whip antenna. Any takers?
> > >
> > >
> > >
> > > ------------------------------------
> > >

> > > Yahoo! Groups Links
> > >
> >
>

2884. QSO's on Sunday July 29, 14.073 (Dial)

Yahoo group: V4Protocol
Date: 2012-07-29 18:28:14 UTC
From: ab9ta
Topic: 2884 Message: 2884

OK,
Tried to connect with KJ1J, but just couldn't get the link to be stable.. We were up and down a couple of times..
I saw K1CKK in there for a few minutes, but wasn't able to try to connect..
Had a nice QSO with KE1AF, Abel, even with the QSB that was going on..Signals were going from 599 to down in the noise.. Finally faded after a while though..
By that point I had to get going..
Fun Stuff!

BTW I'm located near Chicago, EN51ww
73!
Bill AB9TA

2885. QRV now 14093

Yahoo group: V4Protocol
Date: 2012-07-30 10:50:07 UTC
From: Yussuf
Topic: 2885 Message: 2885

QTH is in Lapland KP36CP, solar cell powered station

--
73 OH7TE Yussuf

2886. Re: [V4Protocol] QRV now 14093

Yahoo group: V4Protocol
Date: 2012-07-30 12:02:17 UTC
From: Brian Walker
Topic: 2885 Message: 2886

Calling you now Yussup
Brian (g0hdi) Southampton

From: Yussuf <yufenau@...>
To: V4Protocol@yahoogroups.com
Sent: Monday, 30 July 2012, 11:50
Subject: [V4Protocol] QRV now 14093

QTH is in Lapland KP36CP, solar cell powered station

--
73 OH7TE Yussuf

2887. Re: [V4Protocol] QRV now 14093

Yahoo group: V4Protocol
Date: 2012-07-30 12:20:13 UTC
From: Brian Walker
Topic: 2885 Message: 2887

Sorry Yussuf, either prop not right or I read your message too late.

I think the generally accepted frequency for V4Protocol on 20 metres is 14.073 by the way, though I am new to this mode and could be wrong Hi!
73 Brian (G0HDI)

From: Brian Walker <jillxbrian@yahoo.com>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Monday, 30 July 2012, 13:02
Subject: Re: [V4Protocol] QRV now 14093

Calling you now Yussup
Brian (g0hdi) Southampton

From: Yussuf <yufenau@...>
To: V4Protocol@yahoogroups.com
Sent: Monday, 30 July 2012, 11:50
Subject: [V4Protocol] QRV now 14093

QTH is in Lapland KP36CP, solar cell powered station

--
73 OH7TE Yussuf

2888. 14073

Yahoo group: V4Protocol
Date: 2012-08-01 23:50:43 UTC
From: Gary
Topic: 2888 Message: 2888

Will be on freq for a while, looking for sigs/stations.
73
Gary WD9DUI

2889. Re: [V4Protocol] 7073

Yahoo group: V4Protocol
Date: 2012-08-02 02:05:02 UTC
From: WD9DUI
Topic: 2888 Message: 2889

heard : AA1CZ, K1CKK
WORKED: KF7ONI
ON 20m
QSY TO 40m 7073

WD9DUI

From: Gary
Sent: Wednesday, August 01, 2012 4:50 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] 14073

Will be on freq for a while, looking for sigs/stations.
73
Gary WD9DUI

Yahoo! Groups Links

2890. Re: [V4Protocol] 7073/ 14073

Yahoo group: V4Protocol
Date: 2012-08-02 17:42:12 UTC
From: WD9DUI
Topic: 2888 Message: 2890
Attachments: 1 described; binary payloads are missing from this source WARC

No sigs last night here on 7073
will be on later on 14073 once band opens up.
73
Gary WD9DUI

From: WD9DUI
Sent: Wednesday, August 01, 2012 7:05 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] 7073

heard : AA1CZ, K1CKK
WORKED: KF7ONI
ON 20m
QSY TO 40m 7073

WD9DUI

From: Gary
Sent: Wednesday, August 01, 2012 4:50 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] 14073

Will be on freq for a while, looking for sigs/stations.
73
Gary WD9DUI

Yahoo! Groups Links

2891. vericfation

Yahoo group: V4Protocol
Date: 2012-08-07 16:57:26 UTC
From: daniel vernot
Topic: 2891 Message: 2891

just want to know if u hv received my request for joining ur v-4 group dan n3fcx

2892. Re: [V4Protocol] vericfation

Yahoo group: V4Protocol
Date: 2012-08-07 17:05:35 UTC
From: Rick Muething
Topic: 2891 Message: 2892

Dan,
I think I replied to it but if you do not hear confirmation please try again. I am in my RV and not at the computer all the time. You are more than welcome to join the group.

Rick Muething, KN6KB

From: daniel vernot
Sent: Tuesday, August 07, 2012 12:57 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] vericfation

just want to know if u hv received my request for joining ur v-4 group dan n3fcx

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5183 - Release Date: 08/07/12

2893. LOTW

Yahoo group: V4Protocol
Date: 2012-08-07 17:32:10 UTC
From: DigitalHillbilly
Topic: 2893 Message: 2893

Hello All,
I made my first QSO using V4 Chat. I would like to upload the QSO to LOTW but I keep getting invalid callsign errors. I am trying to upload the .adi file created by the program. Any advice on this?
Very 73, Glenn WB2LMV

2894. Re: LOTW

Yahoo group: V4Protocol
Date: 2012-08-08 12:01:10 UTC
From: james_nf8i
Topic: 2893 Message: 2894

The ADIF file created by V4 has a lot of extraneous data, including "logs" for every time you call CQ. This is probably what is causing TQSL trouble.

You will probably need to edit the ADIF in another program to remove all of the non-QSO data. I use HRD Logbook for all of my logging, and it has the ability to upload to LoTW from within the logbook itself (no need to use TQSL or go to the LoTW website). You can also try ADIF Master (http://www.dxshell.com/adif-master.html) to just view and edit ADIF files.

Hope this helps!

73 de NF8I,

~James

--- In V4Protocol@yahoogroups.com, "DigitalHillbilly" <hillbillietrace@...> wrote:
>
> Hello All,
> I made my first QSO using V4 Chat. I would like to upload the QSO to LOTW but I keep getting invalid callsign errors. I am trying to upload the .adi file created by the program. Any advice on this?
> Very 73, Glenn WB2LMV
>

2895. Re: LOTW

Yahoo group: V4Protocol
Date: 2012-08-08 12:09:07 UTC
From: james_nf8i
Topic: 2893 Message: 2895

While we're on the subject of LoTW and V4, you will probably want to set TQSL to change V4 to DATA when signing your ADIF file. LoTW doesn't recognize V4 as a valid mode.

In TQSL, select "File", "Preferences...", "ADIF Modes". Select "Add..." to add a new mapping. Type V4 into the box, then select DATA from the list of modes.

This will result in LoTW getting your V4 contacts as a generic "DATA" mode contact. It's not as pretty, but LoTW treats all digital modes as "DATA" anyway for QSL purposes. (See here for info on how LoTW matches QSLs: https://p1k.arrl.org/lotwuser/faq#datamatch)

73 de NF8I,

~James

--- In V4Protocol@yahoogroups.com, "james_nf8i" <nf8i@...> wrote:
>
> The ADIF file created by V4 has a lot of extraneous data, including "logs" for every time you call CQ. This is probably what is causing TQSL trouble.
>
> You will probably need to edit the ADIF in another program to remove all of the non-QSO data. I use HRD Logbook for all of my logging, and it has the ability to upload to LoTW from within the logbook itself (no need to use TQSL or go to the LoTW website). You can also try ADIF Master (http://www.dxshell.com/adif-master.html) to just view and edit ADIF files.
>
> Hope this helps!
>
> 73 de NF8I,
>
> ~James
>
> --- In V4Protocol@yahoogroups.com, "DigitalHillbilly" <hillbillietrace@> wrote:
> >
> > Hello All,
> > I made my first QSO using V4 Chat. I would like to upload the QSO to LOTW but I keep getting invalid callsign errors. I am trying to upload the .adi file created by the program. Any advice on this?
> > Very 73, Glenn WB2LMV
> >
>

2896. Re: [V4Protocol] Re: LOTW

Yahoo group: V4Protocol
Date: 2012-08-08 12:46:09 UTC
From: Glenn L. Roeser
Topic: 2893 Message: 2896

Hello James,
That's exactly right! Thank you explaining this. I also tried to upload the file to eQSL and I saw all my CQs were part of the file. That certainly won't stop me from using and enjoying this mode. I wonder James, do you know which frequency is used for V4 Chat on 30 meters? I tried both 10.131 and 10.136 but I'm not sure which is the most popular. I did see a signal on 10.136 last night but no matter what I did I could not decode it. I was thinking could that have been Winmor?
Thanks again, very 73 Glenn

>_____
> From: james_nf8i <nf8i@jameshamilton.us>
>To: V4Protocol@yahoogroups.com
>Sent: Wednesday, August 8, 2012 8:01 AM
>Subject: [V4Protocol] Re: LOTW
>
>
>
>The ADIF file created by V4 has a lot of extraneous data, including "logs" for every time you call CQ. This is probably what is causing TQSL trouble.
>
>You will probably need to edit the ADIF in another program to remove all of the non-QSO data. I use HRD Logbook for all of my logging, and it has the ability to upload to LoTW from within the logbook itself (no need to use TQSL or go to the LoTW website). You can also try ADIF Master (http://www.dxshell.com/adif-master.html) to just view and edit ADIF files.
>
>Hope this helps!
>
>73 de NF8I,
>
>~James
>
>--- In V4Protocol@yahoogroups.com, "DigitalHillbilly" <hillbillietrace@...> wrote:
>>
>> Hello All,
>> I made my first QSO using V4 Chat. I would like to upload the QSO to LOTW but I keep getting invalid callsign errors. I am trying to upload the .adi file created by the program. Any advice on this?
>> Very 73, Glenn WB2LMV
>>
>
>
>
>
>
>

2897. Re: [V4Protocol] Re: LOTW

Yahoo group: V4Protocol
Date: 2012-08-08 12:49:40 UTC
From: Glenn L. Roeser
Topic: 2893 Message: 2897

Thanks again James. I will set my V4 contacts to DATA on LOTW. I did see that eQSL has V4 Chat listed as one of the acceptable modes.

>_____
> From: james_nf8i <nf8i@...>
>To: V4Protocol@yahoogroups.com
>Sent: Wednesday, August 8, 2012 8:09 AM
>Subject: [V4Protocol] Re: LOTW
>
>
>
>While we're on the subject of LoTW and V4, you will probably want to set TQSL to change V4 to DATA when signing your ADIF file. LoTW doesn't recognize V4 as a valid mode.
>
>In TQSL, select "File", "Preferences...", "ADIF Modes". Select "Add..." to add a new mapping. Type V4 into the box, then select DATA from the list of modes.
>
>This will result in LoTW getting your V4 contacts as a generic "DATA" mode contact. It's not as pretty, but LoTW treats all digital modes as "DATA" anyway for QSL purposes. (See here for info on how LoTW matches QSLs: https://p1k.arrl.org/lotwuser/faq#datamatch)
>
>73 de NF8I,
>
>~James
>
>--- In V4Protocol@yahoogroups.com, "james_nf8i" <nf8i@...> wrote:
>>
>> The ADIF file created by V4 has a lot of extraneous data, including "logs" for every time you call CQ. This is probably what is causing TQSL trouble.
>>
>> You will probably need to edit the ADIF in another program to remove all of the non-QSO data. I use HRD Logbook for all of my logging, and it has the ability to upload to LoTW from within the logbook itself (no need to use TQSL or go to the LoTW website). You can also try ADIF Master (http://www.dxshell.com/adif-master.html) to just view and edit ADIF files.
>>
>> Hope this helps!
>>
>> 73 de NF8I,
>>
>> ~James
>>
>> --- In V4Protocol@yahoogroups.com, "DigitalHillbilly" <hillbillietrace@> wrote:
>> >
>> > Hello All,

>> > I made my first QSO using V4 Chat. I would like to upload the QSO to LOTW but I keep getting invalid callsign errors. I am trying to upload the .adi file created by the program. Any advice on this?
>> > Very 73, Glenn WB2LMV
>> >
>>
>
>
>
>
>

2898. 30m Operating Frequency (Was: Re: LOTW)

Yahoo group: V4Protocol
Date: 2012-08-09 13:06:57 UTC
From: james_nf8i
Topic: 2893 Message: 2898

Glenn,

There was a suggesting at one point to use 10.135, but I'm not really sure what people are using now.

73 de NF8I,

~James

--- In V4Protocol@yahoogroups.com, "Glenn L. Roeser" <hillbillietrace@...> wrote:
>
> Hello James,
> That's exactly right! Thank you explaining this. I also tried to upload the file to eQSL and I saw all my CQs were part of the file. That certainly won't stop me from using and enjoying this mode. I wonder James, do you know which frequency is used for V4 Chat on 30 meters? I tried both 10.131 and 10.136 but I'm not sure which is the most popular. I did see a signal on 10.136 last night but no matter what I did I could not decode it. I was thinking could that have been Winmor?
> Thanks again, very 73 Glenn

2899. Re: [V4Protocol] 30m Operating Frequency (Was: Re: LOTW)

Yahoo group: V4Protocol
Date: 2012-08-09 13:51:12 UTC
From: Glenn L. Roeser
Topic: 2893 Message: 2899

Thanks James,
I have been calling on 10.136 and 10.131 in the evening, but no contacts yet. I have had some success on 14.073 but the conditions have been very poor.
I was told that the mode is gaining in popularity, so there should be more of a chance as time goes on.
Very 73, Glenn WB2LMV

>_____
> From: james_nf8i <nf8i@...>
>To: V4Protocol@yahoogroups.com
>Sent: Thursday, August 9, 2012 9:06 AM
>Subject: [V4Protocol] 30m Operating Frequency (Was: Re: LOTW)
>
>
>
>Glenn,
>
>There was a suggesting at one point to use 10.135, but I'm not really sure what people are using now.
>
>73 de NF8I,
>
>~James
>
>--- In V4Protocol@yahoogroups.com, "Glenn L. Roeser" <hillbillietrace@...> wrote:
>>
>> Hello James,
>> That's exactly right! Thank you explaining this. I also tried to upload the file to eQSL and I saw all my CQs were part of the file. That certainly won't stop me from using and enjoying this mode. I wonder James, do you know which frequency is used for V4 Chat on 30 meters? I tried both 10.131 and 10.136 but I'm not sure which is the most popular. I did see a signal on 10.136 last night but no matter what I did I could not decode it. I was thinking could that have been Winmor?
>> Thanks again, very 73 Glenn
>
>
>
>
>

2900. 14073

Yahoo group: V4Protocol
Date: 2012-08-11 00:13:30 UTC
From: WD9DUI
Topic: 2893 Message: 2900

Back from vacation... connect to N1Cl but no data... will be on and off tonight...
Gary WD9DUI

2901. Re: 14073

Yahoo group: V4Protocol
Date: 2012-08-11 00:20:11 UTC
From: Chris Long
Topic: 2893 Message: 2901

Yes, Gary, I could see your text perfectly, but my end would not transfer the text in my outgoing buffer. I may have too much latency on this end.

Chris N1CL

--- In V4Protocol@yahoogroups.com, "WD9DUI" <wd9dui@...> wrote:
>
>
> Back from vacation... connect to N1Cl but no data... will be on and off tonight...
> Gary WD9DUI
>

2902. Re: [V4Protocol] Re: 14073

Yahoo group: V4Protocol
Date: 2012-08-11 01:32:28 UTC
From: WD9DUI
Topic: 2893 Message: 2902

thanks for the call, you were the mystery person! hi hi
see you later..
73
Gary

From: Chris Long
Sent: Friday, August 10, 2012 5:20 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: 14073

Yes, Gary, I could see your text perfectly, but my end would not transfer the text in my outgoing buffer. I may have too much latency on this end.

Chris N1CL

--- In V4Protocol@yahoogroups.com, "WD9DUI" <wd9dui@...> wrote:
>
>
> Back from vacation... connect to N1Cl but no data... will be on and off tonight...
> Gary WD9DUI
>

Yahoo! Groups Links

2903. cq 7073

Yahoo group: V4Protocol
Date: 2012-08-11 02:24:36 UTC
From: WD9DUI
Topic: 2893 Message: 2903

Looking for contacts on 40M tonight, 7073.
Gary WD9DUI

2904. V4 vs ALE400

Yahoo group: V4Protocol
Date: 2012-08-11 14:14:50 UTC
From: DigitalHillbilly
Topic: 2904 Message: 2904

All,
Both myself and Kirk (K6KAR) did some testing on 20 meters yesterday. We tried V4 vs ALE400, V4 beat ALE400 in both performance and ease of use. ALE400 seems very confusing at times where V4 is pretty straight forward. ALE400 had many more retries then V4 did. V4 appears to be much more robust. I wonder if anyone else has tried something similar?
I have been QRV on 14.073 during the day, but I can't always be in the shack,so I missed two other stations who called CQ yesterday darn it!
Very 73 to all, Glenn WB2LMV

2905. Re: [V4Protocol] V4 vs ALE400

Yahoo group: V4Protocol
Date: 2012-08-11 14:57:14 UTC
From: Rick Muething
Topic: 2904 Message: 2905

Glen,

Thanks for the post and the tests. I have not had the chance to compare V4 to ALE400 over the HF simulator where it is possible to create repeatable channels for testing.

V4 could be made more robust by using more bandwidth (currently 200 Hz wide vs. ALE400's 400 Hz). I am experimenting with a new expansion of V4 using narrow bandwidth (400-500 Hz) CHIRP modulation (continuously varying FSK). Which looks promising to be very robust over poor multipath conditions (e.g. Polar transmissions, severe selective fading) It will take a while to refine the math and DSP needed for this modulation and to integrate the CHIRP option into the V4Chat software.

73,

Rick Muething, KN6KB

From: DigitalHillbilly
Sent: Saturday, August 11, 2012 10:14 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 vs ALE400

All,
Both myself and Kirk (K6KAR) did some testing on 20 meters yesterday. We tried V4 vs ALE400, V4 beat ALE400 in both performance and ease of use. ALE400 seems very confusing at times where V4 is pretty straight forward. ALE400 had many more retries then V4 did. V4 appears to be much more robust. I wonder if anyone else has tried something similar?
I have been QRV on 14.073 during the day, but I can't always be in the shack,so I missed two other stations who called CQ yesterday darn it!
Very 73 to all, Glenn WB2LMV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5192 - Release Date: 08/10/12

2906. Re: [V4Protocol] V4 vs ALE400

Yahoo group: V4Protocol
Date: 2012-08-11 15:27:36 UTC
From: Glenn L. Roeser
Topic: 2904 Message: 2906

Hello Rick,
It was during fading that the V4 program did better, and for some reason and I do not know why, the V4 program was running about 2 s units stronger on peaks. Maybe due to a more concentrated audio response from the soundcard?
It isn't often anymore where we all are experencing good band conditions, so any mode that can print at 100% and not crawl along is a plus. I always liked Olivia because it performed well, but it is very slow and if I used a different configuration to speed things up some, I would lose data. I enjoy the speed of V4 because I am not a fast typist and I don't feel as if I'm being chased by a wide boar trying to keep up with the buffer. Thanks for a great program.
Very 73, Glenn WB2LMV

2907. Re: V4 vs ALE400

Yahoo group: V4Protocol
Date: 2012-08-11 15:47:52 UTC
From: Ted Trostle
Topic: 2904 Message: 2907

I have to disagree with the idea V4 is more robust than ALE400. If ALE400 is having retries, a vital setting in ALE400 was missed.

Assuming MultiPSK is being used, click on Options in the ALE400 screen (1/3 the way from the top, in the middle almost). Inthe Options screen at the bottom, click on "Additional waiting delay of one second...."

I have been successfully using ALE400 for almost 2 yrs every day to communicate with K1DOW in Florida on 20 and 30 mtrs and the 1 sec delay addition fixed our link issues and data flow...it is flawless.

Yesterday AM we tested ALE400 running 1/2 watt and had perfect flow and connection on 14074 for almost 30 minutes.

--
Ted, WB2LOU

You cannot change history, but you can make history !
The legal cure for Ignorance is Education. The Stupidity of many is incurable.

2908. Re: [V4Protocol] Re: V4 vs ALE400

Yahoo group: V4Protocol
Date: 2012-08-11 15:51:23 UTC
From: Phil Williams
Topic: 2904 Message: 2908

So, what your are saying is that you need to massage ALE-400 more to get it
to work properly.

On Sat, Aug 11, 2012 at 3:47 PM, Ted Trostle <ttrostle35@...> wrote:

> **
>
>
> I have to disagree with the idea V4 is more robust than ALE400. If ALE400
> is having retries, a vital setting in ALE400 was missed.
>
> Assuming MultiPSK is being used, click on Options in the ALE400 screen
> (1/3 the way from the top, in the middle almost). Inthe Options screen at
> the bottom, click on "Additional waiting delay of one second...."
>
> I have been successfully using ALE400 for almost 2 yrs every day to
> communicate with K1DOW in Florida on 20 and 30 mtrs and the 1 sec delay
> addition fixed our link issues and data flow...it is flawless.
>
> Yesterday AM we tested ALE400 running 1/2 watt and had perfect flow and
> connection on 14074 for almost 30 minutes.
>
> --
> Ted, WB2LOU
>
> You cannot change history, but you can make history !
> The legal cure for Ignorance is Education. The Stupidity of many is
> incurable.
>
>
>

--
Phil KA1GMN
Experimental Station - WF9XJD

2909. Calling CQ in V4 ARQ on 14073

Yahoo group: V4Protocol
Date: 2012-08-11 15:53:27 UTC
From: dk3cw@xyz.de
Topic: 2909 Message: 2909

Calling CQ in V4 ARQ on 14073

vy 73 de Jakob DK3CW

Notfunkreferent F05
ARDF-Referat Hessen
www.mydarc.de/dk3cw

When All Else Fails, Ham Radio Works

Berücksichtigen Sie bei der Arbeit mit den bereitgestellten Informationen das Bundesdatenschutzgesetz. Es ist auf den sehr eng auszulegenden Zweckbindungsgrundsatz bei der Verarbeitung der Daten zu achten: Daten dürfen ausschließlich zu dem Zweck verarbeitet werden, für den sie erhoben wurden und nicht an Dritte weitergegeben werden. Sie sind nach Bearbeitung zu löschen!

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2910. Re: V4 vs ALE400

Yahoo group: V4Protocol
Date: 2012-08-11 16:02:06 UTC
From: Glenn L. Roeser
Topic: 2904 Message: 2910

Hi Ted,
Thanks for the info. I had used ALE400 in the past, but not for some time, so I must admitt I did nothing about adjusting the settings. We just switched over to ALE400 ran it for awile then switched back to V4. While using the V4 we had better throughput with a lot less retries.
Before I try such a test again I'll be sure to take your advice and set it for optimun performance.
Very 73, Glenn WB2LMV

2911. Re: [V4Protocol] Calling CQ in V4 ARQ on 14073

Yahoo group: V4Protocol
Date: 2012-08-11 16:17:02 UTC
From: Sander Pool
Topic: 2909 Message: 2911

Hi,

I think I'm hearing you but haven't installed V4 on this lappy yet.
Working on that now.

Sander W1SOP

On 8/11/2012 11:53 AM, dk3cw@xyz.de wrote:
>
> Calling CQ in V4 ARQ on 14073
>
> vy 73 de Jakob DK3CW
>
> Notfunkreferent F05
> ARDF-Referat Hessen
> www.mydarc.de/dk3cw
>
> When All Else Fails, Ham Radio Works
>
> Berücksichtigen Sie bei der Arbeit mit den bereitgestellten
> Informationen das Bundesdatenschutzgesetz. Es ist auf den sehr eng
> auszulegenden Zweckbindungsgrundsatz bei der Verarbeitung der Daten zu
> achten: Daten dürfen ausschließlich zu dem Zweck verarbeitet werden,
> für den sie erhoben wurden und nicht an Dritte weitergegeben werden.
> Sie sind nach Bearbeitung zu löschen!
>
>
>
> ---
> Nutzen Sie freenet Mail optimal angepasst für Ihr iPhone, Android oder
> Nokia Handy auch von unterwegs.
> Alle Infos und Download unter freenetMail Apps
> <http://mail.freenet.de/mobile-email/index.html>
>

2912. Re: [V4Protocol] Re: V4 vs ALE400

Yahoo group: V4Protocol
Date: 2012-08-11 16:17:52 UTC
From: Ted Trostle
Topic: 2904 Message: 2912

And Phil the point of your statement is....

--
Ted, WB2LOU

You cannot change history, but you can make history !
The legal cure for Ignorance is Education. The Stupidity of many is
incurable.

2913. Re: [V4Protocol] Re: V4 vs ALE400

Yahoo group: V4Protocol
Date: 2012-08-11 16:22:49 UTC
From: Phil Williams
Topic: 2904 Message: 2913

Just what I said. That's is the point.

On Sat, Aug 11, 2012 at 4:17 PM, Ted Trostle <ttrostle35@...> wrote:

> **
>
>
> And Phil the point of your statement is....
>
> --
> Ted, WB2LOU
>
> You cannot change history, but you can make history !
> The legal cure for Ignorance is Education. The Stupidity of many is
> incurable.
>
>
>

--
Phil KA1GMN
Experimental Station - WF9XJD

2914. Re: [V4Protocol] Calling CQ in V4 ARQ on 14073

Yahoo group: V4Protocol
Date: 2012-08-11 16:27:18 UTC
From: Sander Pool
Topic: 2909 Message: 2914

I installed V4 and tuned to 14073. As soon as V4 got control over the radio it switched to VFO A which was on a different frequency. No matter, I switched back to B. Now the TNC shows the wrong dial frequency but I don't think that matters much.

Anyway, I listened for a while and called CQ, usinf 40W. I'll leave it running for a while longer.

Sander W1SOP FN31FG

On 8/11/2012 11:53 AM, dk3cw@... wrote:
>
> Calling CQ in V4 ARQ on 14073
>

2915. RE: Re: [V4Protocol] Calling CQ in V4 ARQ on 14073

Yahoo group: V4Protocol
Date: 2012-08-11 16:34:58 UTC
From: dk3cw@xyz.de
Topic: 2909 Message: 2915

Hi Sander,

if you realy hearing me, that would be nice. I´m using only 5 W QRP Power on a end fed longwire. Currently, the condx are not so good on 20m based on my JT65 propagation studies this afternoon.
I will send repeated ARQ calls in the next few hours.

vy 73 de Jakob DK3CW

EmComm referee Frankfurt / Main (Germany)
ARDF-unit Hessen
www.mydarc.de/dk3cw

When All Else Fails, Ham Radio Works

-----Ursprüngliche Nachricht-----
Von: "Sander Pool" [sander_pool@pobox.com]
Gesendet: Sa. 11.08.2012 18:17
An: V4Protocol@yahoogroups.com
Betreff: Re: [V4Protocol] Calling CQ in V4 ARQ on 14073

Hi,

I think I'm hearing you but haven't installed V4 on this lappy yet. Working on that now.

    Sander W1SOP

On 8/11/2012 11:53 AM, dk3cw@xyz.de wrote: Calling CQ in V4 ARQ on 14073

vy 73 de Jakob DK3CW

Notfunkreferent F05
ARDF-Referat Hessen
www.mydarc.de/dk3cw

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-----Ursprüngliche Nachricht Ende-----

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2916. Re: [V4Protocol] Calling CQ in V4 ARQ on 14073

Yahoo group: V4Protocol
Date: 2012-08-11 16:38:26 UTC
From: Sander Pool
Topic: 2909 Message: 2916

I seem to have a problem with my tuner, bands that tuned yesterday won't tune now. Maybe the rain we just had detuned my antenna. Will try again later.

Sander W1SOP

On 8/11/2012 11:53 AM, dk3cw@... wrote:
>
> Calling CQ in V4 ARQ on 14073
>

2917. Re: [V4Protocol] Calling CQ in V4 ARQ on 14073

Yahoo group: V4Protocol
Date: 2012-08-11 16:45:10 UTC
From: Sander Pool
Topic: 2909 Message: 2917

Hi Jakob,

my tuner problems were easily fixed by restarting my TS-2000 and
tightening all antenna connections. I'm not sure yet what the root cause
was but it's working again.

I just called you with a 14073 dial frequency, 14074.5 CF, using 40W.
Doing trans atlantic V4 on 5W would be great but from what little I know
about it that's not likely to work. TJ65 is a different story of course :-)

Sander W1SOP

On 8/11/2012 12:34 PM, dk3cw@... wrote:
>
> if you realy hearing me, that would be nice. I´m using only 5 W QRP
> Power on a end fed longwire. Currently, the condx are not so good on
> 20m based on my JT65 propagation studies this afternoon.
>
> I will send repeated ARQ calls in the next few hours.
>

2918. Actually seeing traffic

Yahoo group: V4Protocol
Date: 2012-08-11 17:47:01 UTC
From: Sander Pool
Topic: 2918 Message: 2918

Hi,

I left V4 running for a while as I was pulling weeds from the front yard. Not the best way to spend a Saturday morning in the blazing Sun but it had to be done.

I see a partially legible conversation between WU2O and K6KAR. Cool.

Sander W1SOP (CT)

2919. V4 vs ALE400

Yahoo group: V4Protocol
Date: 2012-08-11 17:55:48 UTC
From: kt4wo67@gmail.com
Topic: 2904 Message: 2919

What type of soundcard interface were you using for the test ??

ALE400 does not work as well as it can using VOX type interfaces,,(Signalink,etc)

Thats why the change in settings for the 1sec delay that the other poster said.

Using hard PTT(serial port/USB serial port) -- It works great out of the box.

I also have been using ALE400 for years, and find it hard to beat(for the cost..lol)

Trip - KT4WO
kt4wo67@...

2920. Re: Actually seeing traffic

Yahoo group: V4Protocol
Date: 2012-08-11 18:01:05 UTC
From: sander_pool
Topic: 2918 Message: 2920

Sorry, that was on 14073 Dial.

Sander W1SOP

--- In V4Protocol@yahoogroups.com, Sander Pool <sander_pool@...> wrote:

>
> I see a partially legible conversation between WU2O and K6KAR. Cool.

2921. RE: [V4Protocol] Re: Actually seeing traffic

Yahoo group: V4Protocol
Date: 2012-08-11 18:17:53 UTC
From: dk3cw@xyz.de
Topic: 2918 Message: 2921

Sander,
i doesnt received any call or callsign, but a short text fragment "ink it's worth p", dont know from whom.

Will be on JT65 HF later on.

vy 73 de Jakob DK3CW

EmComm referee Frankfurt / Main (Germany)
ARDF-unit Hessen
www.mydarc.de/dk3cw

When All Else Fails, Ham Radio Works

-----Ursprüngliche Nachricht-----
Von: "sander_pool" [sander_pool@pobox.com]
Gesendet: Sa. 11.08.2012 20:01
An: V4Protocol@yahoogroups.com
Betreff: [V4Protocol] Re: Actually seeing traffic

Sorry, that was on 14073 Dial.

Sander W1SOP

--- In V4Protocol@yahoogroups.com, Sander Pool wrote:

>
> I see a partially legible conversation between WU2O and K6KAR. Cool.

-----Ursprüngliche Nachricht Ende-----

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2922. Re: [V4Protocol] Re: Actually seeing traffic

Yahoo group: V4Protocol
Date: 2012-08-11 18:22:37 UTC
From: Tomas Hood
Topic: 2918 Message: 2922

I'm getting a bit more of a capture while monitoring 14.073. I may try a call when I see the frequency clear. Otherwise, I will be on JT65A and Olivia modes at various moments of the day...

73 de NW7US

On Sat, Aug 11, 2012 at 1:17 PM, <dk3cw@...> wrote:

> **
>
>
> **
>
> Sander,
>
> i doesnt received any call or callsign, but a short text fragment "ink
> it's worth p", dont know from whom.
>
> Will be on JT65 HF later on.
>
> vy 73 de Jakob DK3CW
>
>
> EmComm referee Frankfurt / Main (Germany)
> ARDF-unit Hessen
> www.mydarc.de/dk3cw
>
> When All Else Fails, Ham Radio Works
>
>
> --

Tomas David Hood (Amateur Radio, NW7US)
<http://NW7US.us/>

Contributing editor, Propagation Column:
CQ Magazine, CQ VHF, Popular Communications

Space Weather: <http://sunspotwatch.com/>

Twitter Space WX : @hfradiospacewx
Twitter NW7US : @NW7US

Linux User #32405 - Since 1996

2923. Re: [V4Protocol] V4 vs ALE400

Yahoo group: V4Protocol
Date: 2012-08-11 18:28:28 UTC
From: Rick Muething
Topic: 2904 Message: 2923

Glenn,
Well there are always a tradeoffs of speed, bandwidth and robustness...goes back to Shannon’s theorm I think. (Part of what I sometimes refer to the “no free lunch” theorem!). In general FSK is better for robustness than PSK especially in poor multipath channels. The idea I have with CHIRP is it is like FSK but the tone continuously changes (chirps) throughout the symbol so it is more immune to selective fading which can wipe out a particular single frequency FSK carrier like is used in V4, Pactor 1, Olivia etc. Chirp has been used extensively in some radars and Sonar but is generally wider bandwidth there of course.

In properly written DSP code amplitudes (if used) are generally ratioed during demodulation so absolute levels are not that important provided they don’t saturate the sound card. We are generally working with fairly weak signals (often 20 db S/N or less) so the full range of a 16 bit A-D (about 90 dB) is not usually used provided the radio has AGC.

Still much too early to know how effective narrow band CHIRP will be for keyboard text (I’m targeting something > 40 words per minute in < 500 Hz) but at least I’ll probably learn something along the way!!!

Rick KN6KB

From: Glenn L. Roeser
Sent: Saturday, August 11, 2012 11:27 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 vs ALE400

Hello Rick,
It was during fading that the V4 program did better, and for some reason and I do not know why, the V4 program was running about 2 s units stronger on peaks. Maybe due to a more concentrated audio response from the soundcard?
It isn't often anymore where we all are experencing good band conditions, so any mode that can print at 100% and not crawl along is a plus. I always liked Olivia because it performed well, but it is very slow and if I used a different configuration to speed things up some, I would lose data. I enjoy the speed of V4 because I am not a fast typist and I don't feel as if I'm being chased by a wide boar trying to keep up with the buffer. Thanks for a great program.
Very 73, Glenn WB2LMV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5193 - Release Date: 08/11/12

2924. Re: V4 vs ALE400

Yahoo group: V4Protocol
Date: 2012-08-11 18:41:47 UTC
From: Glenn L. Roeser
Topic: 2904 Message: 2924

Hi Trip,
I am using the Rigblaster plus utilizing RTS.
Very 73, Glenn WB2LMV

2925. RE: Re: [V4Protocol] Re: Actually seeing traffic

Yahoo group: V4Protocol
Date: 2012-08-11 18:49:33 UTC
From: dk3cw@xyz.de
Topic: 2918 Message: 2925

Same procedure as here, Tomas.
Now on 20m calling CQ in JT65.

vy 73 de Jakob DK3CW

EmComm referee Frankfurt / Main (Germany)
ARDF-unit Hessen
www.mydarc.de/dk3cw

When All Else Fails, Ham Radio Works

-----Ursprüngliche Nachricht-----
Von: "Tomas Hood" [nw7us.heliophile@gmail.com]
Gesendet: Sa. 11.08.2012 20:22
An: V4Protocol@yahoogroups.com
Betreff: Re: [V4Protocol] Re: Actually seeing traffic

  I'm getting a bit more of a capture while monitoring 14.073. I may try a call when I see the frequency clear. Otherwise, I will be on JT65A and Olivia modes at various moments of the day...
73 de NW7US

On Sat, Aug 11, 2012 at 1:17 PM, <dk3cw@xyz.de> wrote:

Sander,
i doesnt received any call or callsign, but a short text fragment "ink it's worth p", dont know from whom.

Will be on JT65 HF later on.
vy 73 de Jakob DK3CW

EmComm referee Frankfurt / Main (Germany)
ARDF-unit Hessen
www.mydarc.de/dk3cw

When All Else Fails, Ham Radio Works

--
Tomas David Hood (Amateur Radio, NW7US)
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Contributing editor, Propagation Column:
 CQ Magazine, CQ VHF, Popular Communications

Space Weather: <http://sunspotwatch.com/>

Twitter Space WX : @hfradiospacewx
Twitter NW7US : @NW7US

Linux User #32405 - Since 1996

-----Ursprüngliche Nachricht Ende-----

Nutzen Sie freenet Mail optimal angepasst für Ihr iPhone, Android oder Nokia Handy auch von unterwegs.
Alle Infos und Download unter freenetMail Apps

2926. Re: [V4Protocol] V4 vs ALE400

Yahoo group: V4Protocol
Date: 2012-08-11 18:53:40 UTC
From: Glenn L. Roeser
Topic: 2904 Message: 2926

Rick,
I know that most who have read your post about the Chirp mode will be anxiously awaiting it's release! Me too! I know that as a digital mode operator I am always looking forthe mode that can print signals which are way below the noise level. JT65 and WSPR prove that it can be done, but those are not good for chats, so there is always that trade off. (-= I also like the modes that are not too wide, with all the different modes, and we each have a favorite, we really need to be able to share the little bandwidth that we have without interfering with one another. PSK10 is VERY narrow but the throughput is VERY slow. So I'm ready when you are to start using the new Chirp!
Very 73, Glenn

2927. 80 Meters

Yahoo group: V4Protocol
Date: 2012-08-12 00:43:45 UTC
From: DigitalHillbilly
Topic: 2927 Message: 2927

Hello All,
If anyone is interested I am QRV on 80 meters at 3.585 dial USB
I'd like to see how V4 works on 80 meters. Or I'd like to hear from anyone who has tried 80 meters using V4.
Very 73, Glenn WB2LMV

2928. Re: [V4Protocol] Re: 14073

Yahoo group: V4Protocol
Date: 2012-08-12 23:16:40 UTC
From: WD9DUI
Topic: 2893 Message: 2928

will be on 14073...

From: WD9DUI

2929. Re: [V4Protocol] Actually seeing traffic

Yahoo group: V4Protocol
Date: 2012-08-12 01:46:33 UTC
From: Facility 406 DM09
Topic: 2918 Message: 2929

: I left V4 running for a while as I was pulling weeds from the front
: yard. Not the best way to spend a Saturday morning in the blazing Sun
: but it had to be done.

We pruned 175 trees in 111? heat...

Hang in there, be careful.

Kurt

2930. ARQ protocols used over RF links

Yahoo group: V4Protocol
Date: 2012-08-15 15:04:12 UTC
From: Robin
Topic: 2930 Message: 2930

In all practical trials of V4Chat (1.0.4.0) I have performed, the protocol gets jammed owing to both stations continuously claiming ISS simultaneously! This should not be possible. I am having problems understanding how the mechanism used to swap IRS<=>ISS should work.
Being a newcomer to this mode, can I put a beginners question to the group?
There is a limit defined for the T>R latency, presumably to ensure the synchronisation of ACK/NAK responses after sending an ARQ frame. But what about the latency R>T of the partnering transmitter? This is not mentioned in the documentation.
Suppose the answering transmitter (sending the ACK/NAK) takes a "long" time to initiate modulated RF after its PTT has been activated, surely this can also provoke problems? As far as I can see from the logs, the frames are not uniquely identified (un-numbered) so with extreme unbalanced latencies and timing, it could be possible to lose co-ordination between ARQ data frames and the related ACK/NAK.

Appreciate any thoughts or comments from the experts.
Robin, 9H1ZZ

2931. Remove CQs from ADIF Log

Yahoo group: V4Protocol
Date: 2012-08-15 16:53:16 UTC
From: w4wxa
Topic: 2931 Message: 2931

I am wondering if there is any interest in a program
to remove cqs from the .adi file generated by the V4 Chat
program? I can develop one, and plan to do so for my own
use. But, I would like to have someone else to try it
along with me as I work on it.
Any volunteers?
73 de Tom, W4WXA

2932. Re: [V4Protocol] ARQ protocols used over RF links

Yahoo group: V4Protocol
Date: 2012-08-15 17:00:46 UTC
From: Rick Muething
Topic: 2930 Message: 2932

Robin,
Some good questions...the answers are technical but I will try and summarize here.
1) There is a limit on T>R latency (< 250 ms) to maintain some performance in the protocol. For example in Pactor this is typically on the order of 50 ms and is fixed by the hardware and radio. Almost any computer and radio can make the 250 ms limit unless something incorrectly is set up ....like the PTT hold (DLY on the SignaLink) is set too high.

2) The program measures upon the first ACK received (during the establishment of a connection) the nominal delay from the release of its PTT to the reception of the ACK. This include the R>T latency on the remote end and therefore this is automatically measured (again with a fairly generous limits) This is used (with some safety margin) to determine what delay the ISS uses before sending the next frame.

3) There is a fairly reliable and usually bullet proof way of IRS<>ISS changeover. If you are experience problems with this I need to see the debug log files from EACH end to make any analysis. There is a lot of information in the debug log along with timing measurement to 10 ms but you have to be intimately familiar with the code (and have the source in front of you) to be able to accurately interpret it. EVERY half duplex ARQ mode has this issue when transitioning from ISS to IRS. The goal is to have a completely bulletproof exchange under ALL combinations of missed requests and ACKs...it it generally not possible to reach perfection especially in very poor channels. The exchange of the IRS and ISS in V4 has been tested down to S/N of − 5 dB in poor multipath channels but as I said perfection is generally not possible.

If you have detailed questions on the change over mechanism and states I will try and answer but looking at the text and diagrams in the V4 Protocol spec should be the best help.

73,

Rick Muething, KN6KB

From: Robin
Sent: Wednesday, August 15, 2012 11:04 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] ARQ protocols used over RF links

In all practical trials of V4Chat (1.0.4.0) I have performed, the protocol gets jammed owing to both stations continuously claiming ISS simultaneously! This should not be possible. I am having problems understanding how the mechanism used to swap IRS<=>ISS should work.
Being a newcomer to this mode, can I put a beginners question to the group?
There is a limit defined for the T>R latency, presumably to ensure the synchronisation of ACK/NAK responses after sending an ARQ frame. But what about the latency R>T of the partnering transmitter? This is not mentioned in the documentation.
Suppose the answering transmitter (sending the ACK/NAK) takes a "long" time to initiate modulated RF after its PTT has been activated, surely this can also provoke problems? As

far as I can see from the logs, the frames are not uniquely identified (un-numbered) so with extreme unbalanced latencies and timing, it could be possible to lose co-ordination between ARQ data frames and the related ACK/NAK.

Appreciate any thoughts or comments from the experts.
Robin, 9H1ZZ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5202 - Release Date: 08/15/12

2933. Re: [V4Protocol] Remove CQs from ADIF Log

Yahoo group: V4Protocol
Date: 2012-08-15 17:03:00 UTC
From: Rick Muething
Topic: 2931 Message: 2933

Tom,

If you can accurately describe for me what you want purged and why I may be able to do this automatically in the source code for the V4 ADIF logging. If possible send me a log sample (as an attachment) to rmuething@cfl.rr.com.

Rick KN6KB

From: w4wxa
Sent: Wednesday, August 15, 2012 12:53 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Remove CQs from ADIF Log

I am wondering if there is any interest in a program
to remove cqs from the .adi file generated by the V4 Chat
program? I can develop one, and plan to do so for my own
use. But, I would like to have someone else to try it
along with me as I work on it.
Any volunteers?
73 de Tom, W4WXA

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5202 - Release Date: 08/15/12

2934. Re: [V4Protocol] Remove CQs from ADIF Log

Yahoo group: V4Protocol
Date: 2012-08-15 18:43:07 UTC
From: Glenn L. Roeser
Topic: 2931 Message: 2934

Hi Rick,
I would like to be able to export the log to DXkeeper (logging program) or to be able to sign it and upload it to LOTW.
Unfortunately LOTW does not recognize V4chat as one of the modes that it counts as a QSO.
If the file had only Call/UTC/QTH/QRG/RSQ/Grid it may be able to be exported.
Very 73 to all, Glenn WB2LMV

2935. Re: [V4Protocol] Remove CQs from ADIF Log

Yahoo group: V4Protocol
Date: 2012-08-15 19:02:02 UTC
From: Rick Muething
Topic: 2931 Message: 2935

Glenn,

V4 is an accepted and enumerated mode in the 3.0.2 release of the ADIF spec http://www.adif.org/adif302.htm#Mode%20Enumeration (V4Chat is not used as a mode in the log...V4Chat is the program that provides the user interface to the V4 TNC which implements the V4 Protocol).

It seems to me a more appropriate request would be to have DXkeeper and/or LOTW update to the new ADIF 3.0.2 spec (which then should recognize V4) rather than to have V4 Chat strip the mode enumeration out of its V4Chat ADIF log that is ADIF 3.0.2 compliant.

Rick KN6KB

From: Glenn L. Roeser
Sent: Wednesday, August 15, 2012 2:43 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Remove CQs from ADIF Log

Hi Rick,
I would like to be able to export the log to DXkeeper (logging program) or to be able to sign it and upload it to LOTW.
Unfortunately LOTW does not recognize V4chat as one of the modes that it counts as a QSO.
If the file had only Call/UTC/QTH/QRG/RSQ/Grid it may be able to be exported.
Very 73 to all, Glenn WB2LMV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5202 - Release Date: 08/15/12

2936. Re: [V4Protocol] Remove CQs from ADIF Log

Yahoo group: V4Protocol
Date: 2012-08-15 20:04:26 UTC
From: Rick Muething
Topic: 2931 Message: 2936

All,

I worked up a quick option in the setup to optionally suppress the CQ logging. I sent this to Tom to evaluate. If OK I'll post as an update.
Note the mode V4 is now included in ADIF 3.0.2. as one of the enumerated modes.

Rick KN6KB

From: Rick Muething
Sent: Wednesday, August 15, 2012 3:02 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Remove CQs from ADIF Log

Glenn,

V4 is an accepted and enumerated mode in the 3.0.2 release of the ADIF spec http://www.adif.org/adif302.htm#Mode%20Enumeration (V4Chat is not used as a mode in the log...V4Chat is the program that provides the user interface to the V4 TNC which implements the V4 Protocol).

It seems to me a more appropriate request would be to have DXkeeper and/or LOTW update to the new ADIF 3.0.2 spec (which then should recognize V4) rather than to have V4 Chat strip the mode enumeration out of its V4Chat ADIF log that is ADIF 3.0.2 compliant.

Rick KN6KB

From: Glenn L. Roeser
Sent: Wednesday, August 15, 2012 2:43 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Remove CQs from ADIF Log

Hi Rick,
I would like to be able to export the log to DXkeeper (logging program) or to be able to sign it and upload it to LOTW.
Unfortunately LOTW does not recognize V4chat as one of the modes that it counts as a QSO.
If the file had only Call/UTC/QTH/QRG/RSQ/Grid it may be able to be exported.
Very 73 to all, Glenn WB2LMV

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5202 - Release Date: 08/15/12

No virus found in this message.
Checked by AVG - www.avg.com

Version: 10.0.1424 / Virus Database: 2437/5202 - Release Date: 08/15/12

2937. RE: [V4Protocol] Remove CQs from ADIF Log

Yahoo group: V4Protocol
Date: 2012-08-15 20:17:57 UTC
From: Dave AA6YQ
Topic: 2931 Message: 2937

>>>AA6YQ comments below

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]On Behalf Of Rick Muething
Sent: Wednesday, August 15, 2012 3:02 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Remove CQs from ADIF Log

Glenn,

V4 is an accepted and enumerated mode in the 3.0.2 release of the ADIF spec http://www.adif.org/adif302.htm#Mode%20Enumeration (V4Chat is not used as a mode in the log...V4Chat is the program that provides the user interface to the V4 TNC which implements the V4 Protocol).

It seems to me a more appropriate request would be to have DXkeeper and/or LOTW update to the new ADIF 3.0.2 spec (which then should recognize V4) rather than to have V4 Chat strip the mode enumeration out of its V4Chat ADIF log that is ADIF 3.0.2 compliant.

>>>DXKeeper can be configured to include V4 in its Mode selector; see

<http://www.dxlabsuite.com/dxkeeper/Help/Configuration.htm#Defining or Eliminating Modes>

>>>Until LotW supports V4 directly, this mode should be "mapped" to DATA, as described in

<http://www.dxlabsuite.com/dxlabwiki/LotWModeMapping>

73,

Dave, AA6YQ

Rick KN6KB

2938. Re: [V4Protocol] Remove CQs from ADIF Log

Yahoo group: V4Protocol
Date: 2012-08-15 20:57:21 UTC
From: Rick Muething
Topic: 2931 Message: 2938

Thanks Dave. I am adding an option to the V4 Chat program to suppress the CQ logging. Now in testing.

Rick KN6KB

From: Dave AA6YQ
Sent: Wednesday, August 15, 2012 4:17 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Remove CQs from ADIF Log

☐

>>>AA6YQ comments below

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]On Behalf Of Rick Muething
Sent: Wednesday, August 15, 2012 3:02 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Remove CQs from ADIF Log

Glenn,

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>>>Until LotW supports V4 directly, this mode should be "mapped" to DATA, as described in

<http://www.dxlabsuite.com/dxlabwiki/LotWModeMapping>

73,

Dave, AA6YQ

Rick KN6KB

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5202 - Release Date: 08/15/12

2939. RE: [V4Protocol] Remove CQs from ADIF Log

Yahoo group: V4Protocol
Date: 2012-08-15 21:45:14 UTC
From: Dave AA6YQ
Topic: 2931 Message: 2939

>>>AA6YQ comments below

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]On Behalf Of Rick Muething
Sent: Wednesday, August 15, 2012 4:57 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Remove CQs from ADIF Log

Thanks Dave. I am adding an option to the V4 Chat program to suppress the CQ logging. Now in testing.

>>>DXKeeper will ignore (for award-tracking purposes) any QSO whose callsign is preceded with a ! This allows ops to record CQs and other non-QSO transmissions if desired. As long as you're adding options...

73,

Dave, AA6YQ

From: Dave AA6YQ
Sent: Wednesday, August 15, 2012 4:17 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Remove CQs from ADIF Log

☐
>>>AA6YQ comments below

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]On Behalf Of Rick Muething
Sent: Wednesday, August 15, 2012 3:02 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Remove CQs from ADIF Log

Glenn,

V4 is an accepted and enumerated mode in the 3.0.2 release of the ADIF spec http://www.adif.org/adif302.htm#Mode%20Enumeration (V4Chat is not used as a mode in the log...V4Chat is the program that provides the user interface to the V4 TNC which implements the V4 Protocol).

It seems to me a more appropriate request would be to have DXkeeper and/or LOTW update to the new ADIF 3.0.2 spec (which then should recognize V4) rather than to have V4 Chat strip the mode enumeration out of its V4Chat ADIF log that is ADIF 3.0.2 compliant.

>>>DXKeeper can be configured to include V4 in its Mode selector; see

<http://www.dxlabsuite.com/dxkeeper/Help/Configuration.htm#Defining or Eliminating Modes>

>>>Until LotW supports V4 directly, this mode should be "mapped" to DATA, as described in

<http://www.dxlabsuite.com/dxlabwiki/LotWModeMapping>

73,

Dave, AA6YQ

Rick KN6KB

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5202 - Release Date: 08/15/12

2940. RE: [V4Protocol] Remove CQs from ADIF Log

Yahoo group: V4Protocol
Date: 2012-08-16 00:15:39 UTC
From: Glenn L. Roeser
Topic: 2931 Message: 2940

Thanks Dave, and I agree with Rick, it seems to me all the other digital modes are accepted by LOTW they should have V4 as an accepted mode too.
Very 73 to all, Glenn WB2LMV

2941. RE: [V4Protocol] Remove CQs from ADIF Log

Yahoo group: V4Protocol
Date: 2012-08-16 00:24:37 UTC
From: Dave AA6YQ
Topic: 2931 Message: 2941

>>>AA6YQ comments below

-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]On
Behalf Of Glenn L. Roeser
Sent: Wednesday, August 15, 2012 8:16 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Remove CQs from ADIF Log

Thanks Dave, and I agree with Rick, it seems to me all the other digital
modes are accepted by LOTW they should have V4 as an accepted mode too.

>>>As I've previously posted, V4 QSOs can be uploaded to LotW by configuring
TQSL to map the mode V4 to DATA.

<http://www.dxlabsuite.com/dxlabwiki/LotWModeMapping>

73,

Dave, AA6YQ

2942. RE: [V4Protocol] ARQ protocols used over RF links

Yahoo group: V4Protocol
Date: 2012-08-16 11:42:44 UTC
From: Robin Hodgson
Topic: 2930 Message: 2942

Rick,

Thanks for the informative response. I have put a few of my comments into your text (in blue).

73 Robin

To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Wed, 15 Aug 2012 13:00:46 -0400
Subject: Re: [V4Protocol] ARQ protocols used over RF links

Robin,
Some good questions...the answers are technical but I will try and summarize here.
1) There is a limit on T>R latency (< 250 ms) to maintain some performance in the protocol. For example in Pactor this is typically on the order of 50 ms and is fixed by the hardware and radio. Almost any computer and radio can make the 250 ms limit unless something incorrectly is set up ....like the PTT hold (DLY on the SignaLink) is set too high.
Rick, I am sure you have done a thorough analysis on this.
When PTT is released, all RF transmission ceases. Practically no delay. Then the receiver recovers rapidly.
But when PTT is activated, the carrier will be switched on and simultaneously the AFSK data modulation process is initiated. Although RF should stabilise rapidly, in practice, certain transceivers do seem take quite some time (personally, I suspect the problem lies with their ALC circuitry and a switch-on glitch).

2) The program measures upon the first ACK received (during the establishment of a connection) the nominal delay from the release of its PTT to the reception of the ACK. This include the R>T latency on the remote end and therefore this is automatically measured (again with a fairly generous limits) This is used (with some safety margin) to determine what delay the ISS uses before sending the next frame.
So you keep on repeating the same frame (about every 5 seconds) until an ACK is received. But you don't know which frame it is acknowledging, and the roundtrip figure is based on the assumption that it IS the last sent frame?

3) There is a fairly reliable and usually bullet proof way of IRS<>ISS changeover. If you are experience problems with this I need to see the debug log files from EACH end to make any analysis. There is a lot of information in the debug log along with timing measurement to 10 ms but you have to be intimately familiar with the code (and have the source in front of you) to be able to accurately interpret it. EVERY half duplex ARQ mode has this issue when transitioning from ISS to IRS. The goal is to have a completely bulletproof exchange under ALL combinations of missed requests and ACKs...it it

generally not possible to reach perfection especially in very poor channels. The exchange of the IRS and ISS in V4 has been tested down to S/N of – 5 dB in poor multipath channels but as I said perfection is generally not possible.

If you have detailed questions on the change over mechanism and states I will try and answer but looking at the text and diagrams in the V4 Protocol spec should be the best help.

Thanks Rick, I will prepare our logs and send you (off list) a more detailed description of our trials.
S/N of > +30dB over a 3km path on 20 meters. The IRS<=>ISS switch-over hangup is reproducible.

73,

Rick Muething, KN6KB

From: Robin
Sent: Wednesday, August 15, 2012 11:04 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] ARQ protocols used over RF links

In all practical trials of V4Chat (1.0.4.0) I have performed, the protocol gets jammed owing to both stations continuously claiming ISS simultaneously! This should not be possible. I am having problems understanding how the mechanism used to swap IRS<=>ISS should work.
Being a newcomer to this mode, can I put a beginners question to the group?
There is a limit defined for the T>R latency, presumably to ensure the synchronisation of ACK/NAK responses after sending an ARQ frame. But what about the latency R>T of the partnering transmitter? This is not mentioned in the documentation.
Suppose the answering transmitter (sending the ACK/NAK) takes a "long" time to initiate modulated RF after its PTT has been activated, surely this can also provoke problems? As far as I can see from the logs, the frames are not uniquely identified (un-numbered) so with extreme unbalanced latencies and timing, it could be possible to lose co-ordination between ARQ data frames and the related ACK/NAK.

Appreciate any thoughts or comments from the experts.

Robin, 9H1ZZ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5202 - Release Date: 08/15/12

2943. Re: [V4Protocol] ARQ protocols used over RF links

Yahoo group: V4Protocol
Date: 2012-08-16 16:05:34 UTC
From: Rick Muething
Topic: 2930 Message: 2943

Robin,

As simple as you make it sound the real world is a bit different!
The PTT release is called for by the ending of the playing of the transmitted audio...At the instant the audio quits being played by the sound card several things happen:
1) The sound device notifies the OS of the buffer status (not playing)
2) The polling algorithm detects a change in the buffer status which sends a PTT off command via TCPIP to the host program.
3) The host program decodes the PTT OFF TCP command and determines (based on the setup) what to do.
a) Nothing for VOX (or audio keyed PTT like the SignaLink)
b) Change the Value of the DTR or RTS signal on a dedicated RS232 port if that keying option is used.
c) Send a “CAT” PTT OFF command if the setup is for a transceiver that supports PTT commands. (many but not all do). This is usually via a serial port with some delay.

So you see that the above must happen and in general none of this is instantaneous so they could be up to 100 ms or more delay and this adds to the T>R latency that is inherent to the radio (not trivial on some DSP based radios). When the latency is measured (during a call) the time from 1) above to the reception of background receiver noise is measured. (which also includes the Radio latency, inbound sound card latency and OS interrupt latency). Those measurements are not super precise since the OS is not truly real-time but in general are repeatable to about 30 ms which is close enough.

When the program measures the round trip time it uses a specific time windows (rather small...about 1500 ms) that it expects the ACK to be received this insures it measures from a specific PTT Release. It will attempt a measurement on each connect request until it gets a good ACK decode and a time that fits into the expected window. If the Round trip delay measurement is outside this window it won’t be used and a safe high value will be used (but the link will not run at optimum speed. This works very well and as long as the user does not have substantial VOX delay set (or DLY on the SignaLink) it will work fine for almost all radios and sound card interfaces.

The IRS<> ISS switchover is more complex. It has to be interlocked so you don’t get two ISS or Two IRS at the same time....that will kill the link. Think of the ISS as the master...it always initiates the action and the IRS responds to the command. In the changeover those roles have to be reversed. That can be very complex if the change over request, or ACK or both are missed (which happens fairly often on HF) There is a mechanism which I described and is documented in the spec that usually is very reliable. If both stations measure the latencies above it should be very solid. If one station is not calculating the latency or Round trip there could be issues with ISS<>IRS switchover. But to analyze that I need the debug logs of both ends along with the information on your setup (how PTT keying is done etc). One important thing which is mentioned in the help is if using radio control (CAT PTT control) the baud rate should be 4800 or above...otherwise that can add substantial delay to the PTT key/release.

I'll be happy to take a look at the logs. (Send COMPLETE logs ...not snippets) as attachments. I will be camping this weekend with my family so won't have internet until Monday.

73,

Rick KN6KB

From: Robin Hodgson
Sent: Thursday, August 16, 2012 7:42 AM
To: v4protocol@yahoogroups.com
Subject: RE: [V4Protocol] ARQ protocols used over RF links

Rick,

Thanks for the informative response. I have put a few of my comments into your text (in blue).

73 Robin

To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Wed, 15 Aug 2012 13:00:46 -0400
Subject: Re: [V4Protocol] ARQ protocols used over RF links

Robin,
Some good questions...the answers are technical but I will try and summarize here.
1) There is a limit on T>R latency (< 250 ms) to maintain some performance in the protocol. For example in Pactor this is typically on the order of 50 ms and is fixed by the hardware and radio. Almost any computer and radio can make the 250 ms limit unless something incorrectly is set up ....like the PTT hold (DLY on the SignaLink) is set too high.
Rick, I am sure you have done a thorough analysis on this.
When PTT is released, all RF transmission ceases. Practically no delay. Then the receiver recovers rapidly.
But when PTT is activated, the carrier will be switched on and simultaneously the AFSK data modulation process is initiated. Although RF should stabilise rapidly, in practice, certain transceivers do seem take quite some time (personally, I suspect the problem lies with their ALC circuitry and a switch-on glitch).

2) The program measures upon the first ACK received (during the establishment of a connection) the nominal delay from the release of its PTT to the reception of the ACK. This include the R>T latency on the remote end and therefore this is automatically measured (again with a fairly generous limits) This is used (with some safety margin) to determine what delay the ISS uses before sending the next frame.
So you keep on repeating the same frame (about every 5 seconds) until an ACK is received. But you don't know which frame it is acknowledging, and the roundtrip figure is based on the assumption that it IS the last sent frame?

3) There is a fairly reliable and usually bullet proof way of IRS<>ISS changeover. If you are experience problems with this I need to see the debug log files from EACH end to make any analysis. There is a lot of information in the debug log along with timing measurement to 10 ms but you have to be intimately familiar with the code (and have the source in front of you) to be able to accurately interpret it. EVERY half duplex ARQ mode has this issue

when transitioning from ISS to IRS. The goal is to have a completely bulletproof exchange under ALL combinations of missed requests and ACKs...it it generally not possible to reach perfection especially in very poor channels. The exchange of the IRS and ISS in V4 has been tested down to S/N of – 5 dB in poor multipath channels but as I said perfection is generally not possible.

If you have detailed questions on the change over mechanism and states I will try and answer but looking at the text and diagrams in the V4 Protocol spec should be the best help.

Thanks Rick, I will prepare our logs and send you (off list) a more detailed description of our trials.
S/N of > +30dB over a 3km path on 20 meters. The IRS<=>ISS switch-over hangup is reproducible.

73,

Rick Muething, KN6KB

From: Robin
Sent: Wednesday, August 15, 2012 11:04 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] ARQ protocols used over RF links

In all practical trials of V4Chat (1.0.4.0) I have performed, the protocol gets jammed owing to both stations continuously claiming ISS simultaneously! This should not be possible. I am having problems understanding how the mechanism used to swap IRS<=>ISS should work.
Being a newcomer to this mode, can I put a beginners question to the group?
There is a limit defined for the T>R latency, presumably to ensure the synchronisation of ACK/NAK responses after sending an ARQ frame. But what about the latency R>T of the partnering transmitter? This is not mentioned in the documentation.
Suppose the answering transmitter (sending the ACK/NAK) takes a "long" time to initiate modulated RF after its PTT has been activated, surely this can also provoke problems? As far as I can see from the logs, the frames are not uniquely identified (un-numbered) so with extreme unbalanced latencies and timing, it could be possible to lose co-ordination between ARQ data frames and the related ACK/NAK.

Appreciate any thoughts or comments from the experts.
Robin, 9H1ZZ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5202 - Release Date: 08/15/12

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5203 - Release Date: 08/15/12

2944. Test V4Chat

Yahoo group: V4Protocol
Date: 2012-08-20 17:10:18 UTC
From: ZS6AAG
Topic: 2944 Message: 2944

Hi i am in Swaziland working for Doctors without Borders with the call 3DA0MF if anybody want to make a try with me please contact me at f5maw@hotmail.com to make a sked. 73 from the kingdom of swaziland. Jean-Louis ex C91MSF, 7Q7MS, F5MAW

2945. Frequency for sked 3DA0MF

Yahoo group: V4Protocol
Date: 2012-08-20 17:32:53 UTC
From: ZS6AAG
Topic: 2945 Message: 2945

I propose 14073 usb dial frequency from 16h30 TU eevryday i will try to send CQ 73

2946. Re: Frequency for sked 3DA0MF

Yahoo group: V4Protocol
Date: 2012-08-21 11:00:58 UTC
From: f1smv.eric
Topic: 2945 Message: 2946

Bonjour

I hope to be qrv tonight hope qso i havnt 3d0.

73 eric F1smv

Envoyé de mon iPad

2947. 20M

Yahoo group: V4Protocol
Date: 2012-08-22 02:00:39 UTC
From: Gary
Topic: 2947 Message: 2947

Will be on 20M tonight 14073.
Gary

2948. 40M

Yahoo group: V4Protocol
Date: 2012-08-25 02:52:00 UTC
From: WD9DUI
Topic: 2947 Message: 2948

will be on 7073 tonight...
Gary wd9dui

2949. Registration

Yahoo group: V4Protocol
Date: 2012-08-26 19:06:44 UTC
From: w8ozy
Topic: 86 Message: 2949

I am using V4CHAT version 1.0.4.0. I want to register the program.
When I go through the process v4chat tries to open Outlook which I do not use. How do I register without Outlook?
Thanks for all your good work!

2950. Re: [V4Protocol] Registration

Yahoo group: V4Protocol
Date: 2012-08-26 19:44:20 UTC
From: Rick Muething
Topic: 86 Message: 2950

V4 Auto registration uses your default Email client so that must be Outlook. You can also go to the ARSFI V4 registration site see the help file or About.

Rick Muething, KN6KB

From: w8ozy
Sent: Sunday, August 26, 2012 3:06 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Registration

I am using V4CHAT version 1.0.4.0. I want to register the program.
When I go through the process v4chat tries to open Outlook which I do not use. How do I register without Outlook?
Thanks for all your good work!

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1424 / Virus Database: 2437/5225 - Release Date: 08/26/12

2951. Re: [V4Protocol] 40M

Yahoo group: V4Protocol
Date: 2012-08-28 01:46:15 UTC
From: WD9DUI
Topic: 2947 Message: 2951

will be on 7073 tonight...
Gary wd9dui

20m 14073 has some sigs on it...

2952. Re: [V4Protocol] 40M

Yahoo group: V4Protocol
Date: 2012-08-28 04:03:02 UTC
From: Ray Grace
Topic: 2947 Message: 2952

Tonight I decided to be a couch potato and spend a little time with the xyl.
Missed all the action...
Ray
----- Original Message -----
From: WD9DUI
To: V4Protocol@yahoogroups.com
Sent: Monday, August 27, 2012 6:46 PM
Subject: Re: [V4Protocol] 40M

will be on 7073 tonight...
Gary wd9dui

20m 14073 has some sigs on it...

2953. Re: [V4Protocol] ARQ protocols used over RF links

Yahoo group: V4Protocol
Date: 2012-09-02 20:55:07 UTC
From: William Calderwood
Topic: 2930 Message: 2953
Attachments: 3 described; binary payloads are missing from this source WARC

Rick -

I had a V4 Chat QSO with David WB6JFHon 14.073 MHz today and noticed what appeared to be malformed data packets (i.e. not ACK/NAK's) from him. The "malformed" phenomena I speak of is most of the energy was concentrated into the lowest tone frequency (though there was a slight amount in the higher tone frequencies). No data was decoded from these packets. I noticed it both in ARQ and FEC mode. I've attached a screen shot of the phenomena. I've attached a debug log. One of the times I saw this occur was late in the minute of 1:40 pm PDT.

I have not seen this reported before. Sorry if this is old news.

73, Bill K1CT

2954. QRV V4 1473 KHz USB now

Yahoo group: V4Protocol
Date: 2012-09-14 08:30:44 UTC
From: Juhani
Topic: 2954 Message: 2954

I'm backround but I chek it time to time.
73 Yussuf OH7TE

2955. QRG is 14073

Yahoo group: V4Protocol
Date: 2012-09-14 08:32:12 UTC
From: Juhani
Topic: 2955 Message: 2955

Sri my typo

OH7TE

2956. QRV V4 7073 KHz until 06z

Yahoo group: V4Protocol
Date: 2012-09-15 00:32:36 UTC
From: Juhani
Topic: 2956 Message: 2956

73 "yussuf" OH7TE

2957. QRV V4 14073 KHz USB now

Yahoo group: V4Protocol
Date: 2012-09-17 21:32:59 UTC
From: Juhani
Topic: 2957 Message: 2957

I'm QRV abt 30 min, also calling CQ. 73 "Yussuf" OH7TE

2958. Re: QRV V4 14073 KHz USB now

Yahoo group: V4Protocol
Date: 2012-09-17 22:39:50 UTC
From: la7um
Topic: 2957 Message: 2958

Yussi, try 10.133.0 Dial
Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>
> I'm QRV abt 30 min, also calling CQ. 73 "Yussuf" OH7TE
>

2959. RE: [V4Protocol] Re: QRV V4 14073 KHz USB now

Yahoo group: V4Protocol
Date: 2012-09-17 22:48:05 UTC
From: dk3cw@xyz.de
Topic: 2957 Message: 2959

I'm also standby on 10.133 MHz Dial. Calling CQ from time to time...
vy 73 de Jakob DK3CW

When All Else Fails, Ham Radio Works

-----Ursprüngliche Nachricht-----
Von: "la7um" [la7um@yahoo.com]
Gesendet: Di. 18.09.2012 00:39
An: V4Protocol@yahoogroups.com
Betreff: [V4Protocol] Re: QRV V4 14073 KHz USB now

  Yussi, try 10.133.0 Dial
Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Juhani" wrote:
>
> I'm QRV abt 30 min, also calling CQ. 73 "Yussuf" OH7TE
>

-----Ursprüngliche Nachricht Ende-----

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2960. Listening 10.133.0 Dial USB V4 att

Yahoo group: V4Protocol
Date: 2012-09-17 23:35:19 UTC
From: Ian Branch
Topic: 2960 Message: 2960

Ian - VK3YEA

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of dk3cw@...
Sent: Tuesday, 18 September 2012 8:48 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: QRV V4 14073 KHz USB now

I'm also standby on 10.133 MHz Dial. Calling CQ from time to time...
vy 73 de Jakob DK3CW

When All Else Fails, Ham Radio Works

-----Ursprüngliche Nachricht-----
Von: "la7um" [la7um@...]
Gesendet: Di. 18.09.2012 00:39
An: V4Protocol@yahoogroups.com
Betreff: [V4Protocol] Re: QRV V4 14073 KHz USB now

Yussi, try 10.133.0 Dial
Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Juhani" wrote:
>
> I'm QRV abt 30 min, also calling CQ. 73 "Yussuf" OH7TE
>

-----Ursprüngliche Nachricht Ende-----

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2961. Re: Listening 10.133.0 Dial USB V4 att

Yahoo group: V4Protocol
Date: 2012-09-18 00:12:57 UTC
From: la7um
Topic: 2960 Message: 2961

Hi Jakob and Ian. I have never succeeded any VK in any mode...just G5RV antenna. Germany, UK, Ireland, Österreich and Sweitz use to work. Sorry, not now. Yussi has worked me well earlier.

The new bug fix of time of day adaption of propagation estimates from Voacap in RMS Express from ITSHFBC may be a good hint from last version 1.2.4.0, or using AirMail.

Better luck next time. Wonderful solid mode.

73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Ian Branch" <branch@...> wrote:
>
> Ian - VK3YEA
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of dk3cw@...
> Sent: Tuesday, 18 September 2012 8:48 AM
> To: V4Protocol@yahoogroups.com
> Subject: RE: [V4Protocol] Re: QRV V4 14073 KHz USB now
>
>
>
>
>
> I'm also standby on 10.133 MHz Dial. Calling CQ from time to time...
> vy 73 de Jakob DK3CW
>
> When All Else Fails, Ham Radio Works
>
>
>
>
>
>
> -----UrsprÃ¼ngliche Nachricht-----
> Von: "la7um" [la7um@...]
> Gesendet: Di. 18.09.2012 00:39
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Re: QRV V4 14073 KHz USB now
>
>
>
>

> Yussi, try 10.133.0 Dial
> Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com, "Juhani" wrote:
> >
> > I'm QRV abt 30 min, also calling CQ. 73 "Yussuf" OH7TE
> >
>
> -----UrsprÃ¼ngliche Nachricht Ende-----
>
>
>
> ---
>
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>

2962. RE: [V4Protocol] Listening 10.133.0 Dial USB V4 att

Yahoo group: V4Protocol
Date: 2012-09-18 00:20:06 UTC
From: Ian Branch
Topic: 2960 Message: 2962

QSYd to 14.073.0 Dial

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ian Branch
Sent: Tuesday, 18 September 2012 9:35 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Listening 10.133.0 Dial USB V4 att

Ian - VK3YEA

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of dk3cw@...
Sent: Tuesday, 18 September 2012 8:48 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: QRV V4 14073 KHz USB now

I'm also standby on 10.133 MHz Dial. Calling CQ from time to time...
vy 73 de Jakob DK3CW

When All Else Fails, Ham Radio Works

-----Ursprüngliche Nachricht-----
Von: "la7um" [la7um@...]
Gesendet: Di. 18.09.2012 00:39
An: V4Protocol@yahoogroups.com
Betreff: [V4Protocol] Re: QRV V4 14073 KHz USB now

Yussi, try 10.133.0 Dial
Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Juhani" wrote:
>
> I'm QRV abt 30 min, also calling CQ. 73 "Yussuf" OH7TE
>

-----Ursprüngliche Nachricht Ende-----

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2963. Re: Listening 10.133.0 Dial USB V4 att

Yahoo group: V4Protocol
Date: 2012-09-18 00:45:10 UTC
From: la7um
Topic: 2960 Message: 2963

Calling 14073 dial 0045 Utc
Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Ian Branch" <branch@...> wrote:
>
> QSYd to 14.073.0 Dial
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ian Branch
> Sent: Tuesday, 18 September 2012 9:35 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Listening 10.133.0 Dial USB V4 att
>
>
>
>
>
> Ian - VK3YEA
>
>
>
> From: V4Protocol@...m [mailto:V4Protocol@yahoogroups.com] On Behalf Of dk3cw@...
> Sent: Tuesday, 18 September 2012 8:48 AM
> To: V4Protocol@yahoogroups.com
> Subject: RE: [V4Protocol] Re: QRV V4 14073 KHz USB now
>
>
>
>
>
> I'm also standby on 10.133 MHz Dial. Calling CQ from time to time...
> vy 73 de Jakob DK3CW
>
> When All Else Fails, Ham Radio Works
>
>
>
>
>
>
>
> -----UrsprÃ¼ngliche Nachricht-----
> Von: "la7um" [la7um@...]

> Gesendet: Di. 18.09.2012 00:39
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Re: QRV V4 14073 KHz USB now
>
>
>
>
> Yussi, try 10.133.0 Dial
> Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com, "Juhani" wrote:
> >
> > I'm QRV abt 30 min, also calling CQ. 73 "Yussuf" OH7TE
> >
>
> -----UrsprÃ¼ngliche Nachricht Ende-----
>
>
>
> ---
>
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freenetMail Apps
>

2964. Re: Listening 10.133.0 Dial USB V4 att

Yahoo group: V4Protocol
Date: 2012-09-18 01:22:57 UTC
From: la7um
Topic: 2960 Message: 2964

Ian, According to VOACAP.COM some 08-12 UTC 24933.0 might be usable. Before or after 21.073.0 . Nothing possible for now. I might try in abt 12 hours. 73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "la7um" <la7um@...> wrote:
>
> Calling 14073 dial 0045 Utc
> Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com, "Ian Branch" <branch@> wrote:
> >
> > QSYd to 14.073.0 Dial
> >
> >
> >
> > From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ian Branch
> > Sent: Tuesday, 18 September 2012 9:35 AM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] Listening 10.133.0 Dial USB V4 att
> >
> >
> >
> >
> >
> > Ian - VK3YEA
> >
> >
> >
> > From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of dk3cw@
> > Sent: Tuesday, 18 September 2012 8:48 AM
> > To: V4Protocol@yahoogroups.com
> > Subject: RE: [V4Protocol] Re: QRV V4 14073 KHz USB now
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> > I'm also standby on 10.133 MHz Dial. Calling CQ from time to time...
> > vy 73 de Jakob DK3CW
> >
> > When All Else Fails, Ham Radio Works
> >
> >
> >

> >
> >
> >
> >
> > -----UrsprÃ¼ngliche Nachricht-----
> > Von: "la7um" [la7um@]
> > Gesendet: Di. 18.09.2012 00:39
> > An: V4Protocol@yahoogroups.com
> > Betreff: [V4Protocol] Re: QRV V4 14073 KHz USB now
> >
> >
> >
> >
> > Yussi, try 10.133.0 Dial
> > Finn/LA7UM
> >
> > --- In V4Protocol@yahoogroups.com, "Juhani" wrote:
> > >
> > > I'm QRV abt 30 min, also calling CQ. 73 "Yussuf" OH7TE
> > >
> >
> > -----UrsprÃ¼ngliche Nachricht Ende-----
> >
> >
> >
> > ---
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> >
>

2965. QSY to 7073

Yahoo group: V4Protocol
Date: 2012-09-18 01:27:21 UTC
From: WD9DUI
Topic: 2960 Message: 2965

20M seems to be dead here, no sigs on 14073, QSY to 7073
Gary WD9DUI

2966. QRV V4 14073 KHz USB now

Yahoo group: V4Protocol
Date: 2012-09-18 22:38:42 UTC
From: Juhani
Topic: 2957 Message: 2966

Calling CQ and QRV. Also 7073 if any QRV now. 73 "Yussi" OH7TE

2967. Re: [V4Protocol] Re: Listening 10.133.0 Dial USB V4 att

Yahoo group: V4Protocol
Date: 2012-09-23 17:48:39 UTC
From: Leo yudysky
Topic: 2960 Message: 2967

Thanks for the frequency for V4, 10.133, I'm interested in that band and getting more use out of it. I've been on 20 meters but its kinda quiet except for an occasional Oliva qso.
Leo
kf7oni
Whitefish, Mt.

From: la7um <la7um@...>
To: V4Protocol@yahoogroups.com
Sent: Monday, September 17, 2012 7:22 PM
Subject: [V4Protocol] Re: Listening 10.133.0 Dial USB V4 att

Ian, According to VOACAP.COM some 08-12 UTC 24933.0 might be usable. Before or after 21.073.0 . Nothing possible for now. I might try in abt 12 hours. 73 Finn/LA7UM

--- In mailto:V4Protocol%40yahoogroups.com, "la7um" <la7um@...> wrote:
>
> Calling 14073 dial 0045 Utc
> Finn/LA7UM
>
> --- In mailto:V4Protocol%40yahoogroups.com, "Ian Branch" <branch@> wrote:
> >
> > QSYd to 14.073.0 Dial
> >
> >
> >
> > From: mailto:V4Protocol%40yahoogroups.com [mailto:mailto:V4Protocol%40yahoogroups.com] On Behalf Of Ian Branch
> > Sent: Tuesday, 18 September 2012 9:35 AM
> > To: mailto:V4Protocol%40yahoogroups.com
> > Subject: [V4Protocol] Listening 10.133.0 Dial USB V4 att
> >
> >
> >
> >
> >
> >
> > Ian - VK3YEA
> >
> >
> >
> > From: mailto:V4Protocol%40yahoogroups.com [mailto:mailto:V4Protocol%40yahoogroups.com] On Behalf Of dk3cw@
> > Sent: Tuesday, 18 September 2012 8:48 AM
> > To: mailto:V4Protocol%40yahoogroups.com
> > Subject: RE: [V4Protocol] Re: QRV V4 14073 KHz USB now
> >

> >
> >
> >
> >
> > I'm also standby on 10.133 MHz Dial. Calling CQ from time to time...
> > vy 73 de Jakob DK3CW
> >
> > When All Else Fails, Ham Radio Works
> >
> >
> >
> >
> >
> >
> >
> > -----UrsprÃ¼ngliche Nachricht-----
> > Von: "la7um" [la7um@]
> > Gesendet: Di. 18.09.2012 00:39
> > An: mailto:V4Protocol%40yahoogroups.com
> > Betreff: [V4Protocol] Re: QRV V4 14073 KHz USB now
> >
> >
> >
> >
> > Yussi, try 10.133.0 Dial
> > Finn/LA7UM
> >
> > --- In mailto:V4Protocol%40yahoogroups.com, "Juhani" wrote:
> > >
> > > I'm QRV abt 30 min, also calling CQ. 73 "Yussuf" OH7TE
> > >
> >
> > -----UrsprÃ¼ngliche Nachricht Ende-----
> >
> >
> >
> > ---
> >
> > Nutzen Sie freenet Mail optimal angepasst fÃ¼r Ihr iPhone, Android oder Nokia Handy auch von unterwegs.
> > Alle Infos und Download unter <http://mail.freenet.de/mobile-email/index.html> freenetMail Apps
> >
>

2968. 30 Meter Multi Mode Weekend ☐ 27/28 October 2012

Yahoo group: V4Protocol
Date: 2012-10-13 15:25:22 UTC
From: Don
Topic: 2968 Message: 2968

30 Meter Multi Mode Weekend

When: October 27th and 28th 2012

Where: 10 MHz - 30 Meter Band (10.100 ☐ 10.150)

Objective: To promote experimenting and using different digital modes on the unique 30 Meter Band.

For a more detailed listing of this event go here:
http://www.30mdg.net/news.html

(You are welcome to post this event information to your other digital friends, Clubs, Yahoo/Google Groups, other Ham Related Websites, etc ☐ please DO help us promote this event - the more that participate the more fun for al and thanks to those that participate on the 30 Meter Band!)

The 30 Meter Digital Group (30MDG) is celebrating .5 year Anniversary, 6,000 members (120DXCC), and our 30MDG Award Program issuing over 31,000 Award Certificates. 30MDG is FREE to join, FREE Awards program with FREE Award software ☐ Ultimate 30 or U30).

GL and as always this is NOT a contest ☐ no start or stop times, no exchanges, no logs to send to anyone, no winners or trophy ☐ this IS to PROMOTE AWARENESS of the 30 METER BAND and the only winners are those that participate and have fun!

Don KB9UMT 30MDG#0001-Founder
And the 30MDG "Team"

2969. On 10.133 Dial Freq.

Yahoo group: V4Protocol
Date: 2012-10-14 18:01:52 UTC
From: Mike
Topic: 2969 Message: 2969

N6KZB from Baja MX on 10.33 dial for a while.

2970. V4 Dead? Listening on 14.073 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 16:34:38 UTC
From: Mike
Topic: 2970 Message: 2970

Based on dates of posts, how much V4 chat activity is there?

Any rate now on 14.073 Dial Connect to n6kzb

Mike n6kzb/xe2

2971. Re: [V4Protocol] V4 Dead? Listening on 14.073 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 16:42:04 UTC
From: WD9DUI
Topic: 2970 Message: 2971

fyi 10M has been open, running Olivia,
73
Gary wd9dui

From: Mike
Sent: Tuesday, October 16, 2012 9:34 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] V4 Dead? Listening on 14.073 dial n6kzb

Based on dates of posts, how much V4 chat activity is there?

Any rate now on 14.073 Dial Connect to n6kzb

Mike n6kzb/xe2

Yahoo! Groups Links

2972. Re: V4 Dead? Listening on 14.073 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 16:46:34 UTC
From: Mike
Topic: 2970 Message: 2972

where on 10? mode?

--- In V4Protocol@yahoogroups.com, "WD9DUI" <wd9dui@...> wrote:
>
> fyi 10M has been open, running Olivia,
> 73
> Gary wd9dui
>
> From: Mike
> Sent: Tuesday, October 16, 2012 9:34 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] V4 Dead? Listening on 14.073 dial n6kzb
>
> Based on dates of posts, how much V4 chat activity is there?
>
> Any rate now on 14.073 Dial Connect to n6kzb
>
> Mike n6kzb/xe2
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

2974. Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 16:55:23 UTC
From: Mike
Topic: 2974 Message: 2974

V4 chat time !!

2975. Re: [V4Protocol] Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 16:59:46 UTC
From: Pat
Topic: 2974 Message: 2975

OK I’m QRV, maybe its work

73 de Pat ON2AD

From: Mike
Sent: Tuesday, October 16, 2012 6:55 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Now on 28.123 dial n6kzb

V4 chat time !!

2976. Re: [V4Protocol] Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:05:35 UTC
From: WD9DUI
Topic: 2974 Message: 2976

also looking for sigs...
Gary WD9DUI

From: Pat
Sent: Tuesday, October 16, 2012 9:59 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb

OK I’m QRV, maybe its work

73 de Pat ON2AD

From: Mike
Sent: Tuesday, October 16, 2012 6:55 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Now on 28.123 dial n6kzb

V4 chat time !!

2977. Re: Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:07:00 UTC
From: Mike
Topic: 2974 Message: 2977

Ok perhaps band will open will try both of you

Mike

--- In V4Protocol@yahoogroups.com, "WD9DUI" <wd9dui@...> wrote:
>
> also looking for sigs...
> Gary WD9DUI
>
> From: Pat
> Sent: Tuesday, October 16, 2012 9:59 AM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
>
>
>
>
> OK I'm QRV, maybe its work
>
> 73 de Pat ON2AD
>
> From: Mike
> Sent: Tuesday, October 16, 2012 6:55 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Now on 28.123 dial n6kzb
>
>
> V4 chat time !!
>

2978. Re: Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:08:40 UTC
From: Mike
Topic: 2974 Message: 2978

I will stay here for a bit, I do hear lousy freebanders on AM, hi hi

Mike

--- In V4Protocol@yahoogroups.com, "Mike" <burton@...> wrote:
>
> Ok perhaps band will open will try both of you
>
> Mike
>
> --- In V4Protocol@yahoogroups.com, "WD9DUI" <wd9dui@> wrote:
> >
> > also looking for sigs...
> > Gary WD9DUI
> >
> > From: Pat
> > Sent: Tuesday, October 16, 2012 9:59 AM
> > To: V4Protocol@yahoogroups.com
> > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> >
> >
> >
> >
> > OK I'm QRV, maybe its work
> >
> > 73 de Pat ON2AD
> >
> > From: Mike
> > Sent: Tuesday, October 16, 2012 6:55 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] Now on 28.123 dial n6kzb
> >
> >
> > V4 chat time !!
> >
>

2979. Re: [V4Protocol] Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:09:22 UTC
From: Pat
Topic: 2974 Message: 2979

I don’t think its work. I have calling 6 times CQ de ON2AD on 28.123, sri

73 de Pat

From: WD9DUI
Sent: Tuesday, October 16, 2012 7:05 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb

also looking for sigs...
Gary WD9DUI

From: Pat
Sent: Tuesday, October 16, 2012 9:59 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb

OK I’m QRV, maybe its work

73 de Pat ON2AD

From: Mike
Sent: Tuesday, October 16, 2012 6:55 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Now on 28.123 dial n6kzb

V4 chat time !!

2980. Re: [V4Protocol] Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:11:52 UTC
From: WD9DUI
Topic: 2974 Message: 2980

I am calling cq, but nothing but noise, see sigs but way down in the mud....
Gary

From: Pat
Sent: Tuesday, October 16, 2012 10:09 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb

I don’t think its work. I have calling 6 times CQ de ON2AD on 28.123, sri

73 de Pat

2981. Re: Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:12:12 UTC
From: Mike
Topic: 2974 Message: 2981

Perhaps band needs to build up, I see some V4 but can't lock on right now.

Mike

--- In V4Protocol@yahoogroups.com, "Pat" <on2ad@...> wrote:
>
> I don't think its work. I have calling 6 times CQ de ON2AD on 28.123, sri
>
> 73 de Pat
>
> From: WD9DUI
> Sent: Tuesday, October 16, 2012 7:05 PM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
>
>
>
> also looking for sigs...
> Gary WD9DUI
>
> From: Pat
> Sent: Tuesday, October 16, 2012 9:59 AM
> To: V4Protocol@...m
> Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
>
>
>
>
> OK I'm QRV, maybe its work
>
> 73 de Pat ON2AD
>
> From: Mike
> Sent: Tuesday, October 16, 2012 6:55 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Now on 28.123 dial n6kzb
>
>
>
> V4 chat time !!
>

2982. Re: Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:15:03 UTC
From: Mike
Topic: 2974 Message: 2982

I can hear weak V4 signals,.

Perhaps suggest another band and freq?

Mike

--- In V4Protocol@yahoogroups.com, "Mike" <burton@...> wrote:
>
>
> Perhaps band needs to build up, I see some V4 but can't lock on right now.
>
> Mike
>
> --- In V4Protocol@yahoogroups.com, "Pat" <on2ad@> wrote:
> >
> > I don't think its work. I have calling 6 times CQ de ON2AD on 28.123, sri
> >
> > 73 de Pat
> >
> > From: WD9DUI
> > Sent: Tuesday, October 16, 2012 7:05 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> >
> >
> >
> > also looking for sigs...
> > Gary WD9DUI
> >
> > From: Pat
> > Sent: Tuesday, October 16, 2012 9:59 AM
> > To: V4Protocol@yahoogroups.com
> > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> >
> >
> >
> >
> >
> > OK I'm QRV, maybe its work
> >
> > 73 de Pat ON2AD
> >
> > From: Mike
> > Sent: Tuesday, October 16, 2012 6:55 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] Now on 28.123 dial n6kzb
> >

> >
> > V4 chat time !!
> >
>

2983. Re: [V4Protocol] Re: Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:19:49 UTC
From: WD9DUI
Topic: 2974 Message: 2983

will qsy to 20M see if I see anything...
Gary

From: Mike
Sent: Tuesday, October 16, 2012 10:15 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb

I can hear weak V4 signals,.

Perhaps suggest another band and freq?

Mike

--- In V4Protocol@yahoogroups.com, "Mike" <burton@...> wrote:
>
>
> Perhaps band needs to build up, I see some V4 but can't lock on right now.
>
> Mike
>
> --- In V4Protocol@yahoogroups.com, "Pat" <on2ad@> wrote:
> >
> > I don't think its work. I have calling 6 times CQ de ON2AD on 28.123, sri
> >
> > 73 de Pat
> >
> > From: WD9DUI
> > Sent: Tuesday, October 16, 2012 7:05 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> >
> >
> >
> > also looking for sigs...
> > Gary WD9DUI
> >
> > From: Pat
> > Sent: Tuesday, October 16, 2012 9:59 AM
> > To: V4Protocol@yahoogroups.com
> > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> >
> >
> >
> >
> > OK I'm QRV, maybe its work

> >
> > 73 de Pat ON2AD
> >
> > From: Mike
> > Sent: Tuesday, October 16, 2012 6:55 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] Now on 28.123 dial n6kzb
> >
> >
> > V4 chat time !!
> >
>

Yahoo! Groups Links

2984. Re: Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:20:58 UTC
From: Mike
Topic: 2974 Message: 2984

Ok n6kzb moving to 14.073 dial

Mike

--- In V4Protocol@yahoogroups.com, "WD9DUI" <wd9dui@...> wrote:
>
> will qsy to 20M see if I see anything...
> Gary
>
> From: Mike
> Sent: Tuesday, October 16, 2012 10:15 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb
>
>
> I can hear weak V4 signals,.
>
> Perhaps suggest another band and freq?
>
> Mike
>
> --- In V4Protocol@yahoogroups.com, "Mike" <burton@> wrote:
> >
> >
> > Perhaps band needs to build up, I see some V4 but can't lock on right now.
> >
> > Mike
> >
> > --- In V4Protocol@yahoogroups.com, "Pat" <on2ad@> wrote:
> > >
> > > I don't think its work. I have calling 6 times CQ de ON2AD on 28.123, sri
> > >
> > > 73 de Pat
> > >
> > > From: WD9DUI
> > > Sent: Tuesday, October 16, 2012 7:05 PM
> > > To: V4Protocol@yahoogroups.com
> > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > >
> > >
> > >
> > > also looking for sigs...
> > > Gary WD9DUI
> > >
> > > From: Pat

> > > Sent: Tuesday, October 16, 2012 9:59 AM
> > > To: V4Protocol@yahoogroups.com
> > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > >
> > >
> > >
> > >
> > > OK I'm QRV, maybe its work
> > >
> > > 73 de Pat ON2AD
> > >
> > > From: Mike
> > > Sent: Tuesday, October 16, 2012 6:55 PM
> > > To: V4Protocol@yahoogroups.com
> > > Subject: [V4Protocol] Now on 28.123 dial n6kzb
> > >
> > >
> > > V4 chat time !!
> > >
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

2985. Re: [V4Protocol] Re: Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:21:51 UTC
From: Pat
Topic: 2974 Message: 2985

OK
ON2AD Pat

From: WD9DUI
Sent: Tuesday, October 16, 2012 7:19 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Now on 28.123 dial n6kzb

will qsy to 20M see if I see anything...
Gary

From: Mike
Sent: Tuesday, October 16, 2012 10:15 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb

I can hear weak V4 signals,.

Perhaps suggest another band and freq?

Mike

--- In V4Protocol@yahoogroups.com, "Mike" <burton@...> wrote:
>
>
> Perhaps band needs to build up, I see some V4 but can't lock on right now.
>
> Mike
>
> --- In V4Protocol@yahoogroups.com, "Pat" <on2ad@> wrote:
> >
> > I don't think its work. I have calling 6 times CQ de ON2AD on 28.123, sri
> >
> > 73 de Pat
> >
> > From: WD9DUI
> > Sent: Tuesday, October 16, 2012 7:05 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> >
> >
> >
> > also looking for sigs...
> > Gary WD9DUI
> >
> > From: Pat
> > Sent: Tuesday, October 16, 2012 9:59 AM

> > To: V4Protocol@yahoogroups.com
> > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> >
> >
> >
> >
> > OK I'm QRV, maybe its work
> >
> > 73 de Pat ON2AD
> >
> > From: Mike
> > Sent: Tuesday, October 16, 2012 6:55 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] Now on 28.123 dial n6kzb
> >
> >
> > V4 chat time !!
> >
>

Yahoo! Groups Links

2986. Re: Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:25:10 UTC
From: Mike
Topic: 2974 Message: 2986

on 14.073 again see V4 sig signals, squelch at 3, but no lock

mike

--- In V4Protocol@yahoogroups.com, "Pat" <on2ad@...> wrote:
>
> OK
> ON2AD Pat
>
> From: WD9DUI
> Sent: Tuesday, October 16, 2012 7:19 PM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Re: Now on 28.123 dial n6kzb
>
>
>
> will qsy to 20M see if I see anything...
> Gary
>
> From: Mike
> Sent: Tuesday, October 16, 2012 10:15 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb
>
>
>
> I can hear weak V4 signals,.
>
> Perhaps suggest another band and freq?
>
> Mike
>
> --- In V4Protocol@yahoogroups.com, "Mike" <burton@> wrote:
> >
> >
> > Perhaps band needs to build up, I see some V4 but can't lock on right now.
> >
> > Mike
> >
> > --- In V4Protocol@yahoogroups.com, "Pat" <on2ad@> wrote:
> > >
> > > I don't think its work. I have calling 6 times CQ de ON2AD on 28.123, sri
> > >
> > > 73 de Pat
> > >
> > > From: WD9DUI

> > > Sent: Tuesday, October 16, 2012 7:05 PM
> > > To: V4Protocol@yahoogroups.com
> > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > >
> > >
> > >
> > > also looking for sigs...
> > > Gary WD9DUI
> > >
> > > From: Pat
> > > Sent: Tuesday, October 16, 2012 9:59 AM
> > > To: V4Protocol@yahoogroups.com
> > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > >
> > >
> > >
> > >
> > > OK I'm QRV, maybe its work
> > >
> > > 73 de Pat ON2AD
> > >
> > > From: Mike
> > > Sent: Tuesday, October 16, 2012 6:55 PM
> > > To: V4Protocol@yahoogroups.com
> > > Subject: [V4Protocol] Now on 28.123 dial n6kzb
> > >
> > >
> > > V4 chat time !!
> > >
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

2987. Re: [V4Protocol] Re: Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:25:45 UTC
From: Pat
Topic: 2974 Message: 2987

I have Calling CQ three times now

73 de Pat ON2AD

From: Mike
Sent: Tuesday, October 16, 2012 7:20 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb

Ok n6kzb moving to 14.073 dial

Mike

--- In mailto:V4Protocol%40yahoogroups.com, "WD9DUI" <wd9dui@...> wrote:
>
> will qsy to 20M see if I see anything...
> Gary
>
> From: Mike
> Sent: Tuesday, October 16, 2012 10:15 AM
> To: mailto:V4Protocol%40yahoogroups.com
> Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb
>
>
> I can hear weak V4 signals,.
>
> Perhaps suggest another band and freq?
>
> Mike
>
> --- In mailto:V4Protocol%40yahoogroups.com, "Mike" <burton@> wrote:
> >
> >
> > Perhaps band needs to build up, I see some V4 but can't lock on right now.
> >
> > Mike
> >
> > --- In mailto:V4Protocol%40yahoogroups.com, "Pat" <on2ad@> wrote:
> > >
> > > I don't think its work. I have calling 6 times CQ de ON2AD on 28.123, sri
> > >
> > > 73 de Pat
> > >
> > > From: WD9DUI
> > > Sent: Tuesday, October 16, 2012 7:05 PM
> > > To: mailto:V4Protocol%40yahoogroups.com

> > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > >
> > >
> > >
> > > also looking for sigs...
> > > Gary WD9DUI
> > >
> > > From: Pat
> > > Sent: Tuesday, October 16, 2012 9:59 AM
> > > To: mailto:V4Protocol%40yahoogroups.com
> > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > >
> > >
> > >
> > >
> > > OK I'm QRV, maybe its work
> > >
> > > 73 de Pat ON2AD
> > >
> > > From: Mike
> > > Sent: Tuesday, October 16, 2012 6:55 PM
> > > To: mailto:V4Protocol%40yahoogroups.com
> > > Subject: [V4Protocol] Now on 28.123 dial n6kzb
> > >
> > >
> > > V4 chat time !!
> > >
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

2988. Re: Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:27:46 UTC
From: Mike
Topic: 2974 Message: 2988

Gary think I heard your CW id?

Mike

--- In V4Protocol@yahoogroups.com, "Mike" <burton@...> wrote:
>
> on 14.073 again see V4 sig signals, squelch at 3, but no lock
>
> mike
>
> --- In V4Protocol@yahoogroups.com, "Pat" <on2ad@> wrote:
> >
> > OK
> > ON2AD Pat
> >
> > From: WD9DUI
> > Sent: Tuesday, October 16, 2012 7:19 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: Re: [V4Protocol] Re: Now on 28.123 dial n6kzb
> >
> >
> >
> > will qsy to 20M see if I see anything...
> > Gary
> >
> > From: Mike
> > Sent: Tuesday, October 16, 2012 10:15 AM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb
> >
> >
> > I can hear weak V4 signals,.
> >
> > Perhaps suggest another band and freq?
> >
> > Mike
> >
> > --- In V4Protocol@yahoogroups.com, "Mike" <burton@> wrote:
> > >
> > >
> > > Perhaps band needs to build up, I see some V4 but can't lock on right now.
> > >
> > > Mike
> > >
> > > --- In V4Protocol@yahoogroups.com, "Pat" <on2ad@> wrote:

> > > >
> > > > I don't think its work. I have calling 6 times CQ de ON2AD on 28.123, sri
> > > >
> > > > 73 de Pat
> > > >
> > > > From: WD9DUI
> > > > Sent: Tuesday, October 16, 2012 7:05 PM
> > > > To: V4Protocol@yahoogroups.com
> > > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > > >
> > > >
> > > >
> > > > also looking for sigs...
> > > > Gary WD9DUI
> > > >
> > > > From: Pat
> > > > Sent: Tuesday, October 16, 2012 9:59 AM
> > > > To: V4Protocol@yahoogroups.com
> > > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > > >
> > > >
> > > >
> > > >
> > > > OK I'm QRV, maybe its work
> > > >
> > > > 73 de Pat ON2AD
> > > >
> > > > From: Mike
> > > > Sent: Tuesday, October 16, 2012 6:55 PM
> > > > To: V4Protocol@yahoogroups.com
> > > > Subject: [V4Protocol] Now on 28.123 dial n6kzb
> > > >
> > > >
> > > > V4 chat time !!
> > > >
> > >
> >
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
>

2989. Re: [V4Protocol] Re: Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:27:48 UTC
From: WD9DUI
Topic: 2974 Message: 2989

see a sig, but just not enough to decode....
may try later today?
going back to 10M band seems to be open to Europe & South Americas
73
Gary

From: Mike
Sent: Tuesday, October 16, 2012 10:25 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb

on 14.073 again see V4 sig signals, squelch at 3, but no lock

mike

--- In V4Protocol@yahoogroups.com, "Pat" <on2ad@...> wrote:
>
> OK
> ON2AD Pat
>
> From: WD9DUI
> Sent: Tuesday, October 16, 2012 7:19 PM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Re: Now on 28.123 dial n6kzb
>
>
>
> will qsy to 20M see if I see anything...
> Gary
>
> From: Mike
> Sent: Tuesday, October 16, 2012 10:15 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb
>
>
>
> I can hear weak V4 signals,.
>
> Perhaps suggest another band and freq?
>
> Mike
>
> --- In V4Protocol@yahoogroups.com, "Mike" <burton@> wrote:
> >
> >
> > Perhaps band needs to build up, I see some V4 but can't lock on right now.

> >
> > Mike
> >
> > --- In V4Protocol@yahoogroups.com, "Pat" <on2ad@> wrote:
> > >
> > > I don't think its work. I have calling 6 times CQ de ON2AD on 28.123, sri
> > >
> > > 73 de Pat
> > >
> > > From: WD9DUI
> > > Sent: Tuesday, October 16, 2012 7:05 PM
> > > To: V4Protocol@yahoogroups.com
> > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > >
> > >
> > >
> > > also looking for sigs...
> > > Gary WD9DUI
> > >
> > > From: Pat
> > > Sent: Tuesday, October 16, 2012 9:59 AM
> > > To: V4Protocol@yahoogroups.com
> > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > >
> > >
> > >
> > >
> > > OK I'm QRV, maybe its work
> > >
> > > 73 de Pat ON2AD
> > >
> > > From: Mike
> > > Sent: Tuesday, October 16, 2012 6:55 PM
> > > To: V4Protocol@yahoogroups.com
> > > Subject: [V4Protocol] Now on 28.123 dial n6kzb
> > >
> > >
> > > V4 chat time !!
> > >
> >
>
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
>

Yahoo! Groups Links

2990. Re: Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:28:44 UTC
From: Mike
Topic: 2974 Message: 2990

Ok will go back to 10 meters and sit on 28.123 for a while, thanks to both of you for trying.

Mike

--- In V4Protocol@yahoogroups.com, "WD9DUI" <wd9dui@...> wrote:
>
> see a sig, but just not enough to decode....
> may try later today?
> going back to 10M band seems to be open to Europe & South Americas
> 73
> Gary
>
> From: Mike
> Sent: Tuesday, October 16, 2012 10:25 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb
>
> on 14.073 again see V4 sig signals, squelch at 3, but no lock
>
> mike
>
> --- In V4Protocol@yahoogroups.com, "Pat" <on2ad@> wrote:
> >
> > OK
> > ON2AD Pat
> >
> > From: WD9DUI
> > Sent: Tuesday, October 16, 2012 7:19 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: Re: [V4Protocol] Re: Now on 28.123 dial n6kzb
> >
> >
> >
> > will qsy to 20M see if I see anything...
> > Gary
> >
> > From: Mike
> > Sent: Tuesday, October 16, 2012 10:15 AM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb
> >
> >
> > I can hear weak V4 signals,.
> >

> > Perhaps suggest another band and freq?
> >
> > Mike
> >
> > --- In V4Protocol@yahoogroups.com, "Mike" <burton@> wrote:
> > >
> > >
> > > Perhaps band needs to build up, I see some V4 but can't lock on right now.
> > >
> > > Mike
> > >
> > > --- In V4Protocol@yahoogroups.com, "Pat" <on2ad@> wrote:
> > > >
> > > > I don't think its work. I have calling 6 times CQ de ON2AD on 28.123, sri
> > > >
> > > > 73 de Pat
> > > >
> > > > From: WD9DUI
> > > > Sent: Tuesday, October 16, 2012 7:05 PM
> > > > To: V4Protocol@yahoogroups.com
> > > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > > >
> > > >
> > > >
> > > > also looking for sigs...
> > > > Gary WD9DUI
> > > >
> > > > From: Pat
> > > > Sent: Tuesday, October 16, 2012 9:59 AM
> > > > To: V4Protocol@yahoogroups.com
> > > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > > >
> > > >
> > > >
> > > >
> > > > OK I'm QRV, maybe its work
> > > >
> > > > 73 de Pat ON2AD
> > > >
> > > > From: Mike
> > > > Sent: Tuesday, October 16, 2012 6:55 PM
> > > > To: V4Protocol@yahoogroups.com
> > > > Subject: [V4Protocol] Now on 28.123 dial n6kzb
> > > >
> > > >
> > > >
> > > > V4 chat time !!
> > > >
> > >
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> > ------------------------------------
> >
> > Yahoo! Groups Links
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>
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> ------------------------------------
>
> Yahoo! Groups Links
>

2991. Re: [V4Protocol] Re: Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:30:35 UTC
From: Pat
Topic: 2974 Message: 2991

OK thanks for trying Gary & Mike.
I use IC-703 with only 10 W on a GPA30 Aant..

Bye bye es 73 de Pat ON2AD

From: WD9DUI
Sent: Tuesday, October 16, 2012 7:27 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Now on 28.123 dial n6kzb

see a sig, but just not enough to decode....
may try later today?
going back to 10M band seems to be open to Europe & South Americas
73
Gary

From: Mike
Sent: Tuesday, October 16, 2012 10:25 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb

on 14.073 again see V4 sig signals, squelch at 3, but no lock

mike

--- In V4Protocol@yahoogroups.com, "Pat" <on2ad@...> wrote:
>
> OK
> ON2AD Pat
>
> From: WD9DUI
> Sent: Tuesday, October 16, 2012 7:19 PM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Re: Now on 28.123 dial n6kzb
>
>
>
> will qsy to 20M see if I see anything...
> Gary
>
> From: Mike
> Sent: Tuesday, October 16, 2012 10:15 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb
>
>
> I can hear weak V4 signals,.

>
> Perhaps suggest another band and freq?
>
> Mike
>
> --- In V4Protocol@yahoogroups.com, "Mike" <burton@> wrote:
> >
> >
> > Perhaps band needs to build up, I see some V4 but can't lock on right now.
> >
> > Mike
> >
> > --- In V4Protocol@yahoogroups.com, "Pat" <on2ad@> wrote:
> > >
> > > I don't think its work. I have calling 6 times CQ de ON2AD on 28.123, sri
> > >
> > > 73 de Pat
> > >
> > > From: WD9DUI
> > > Sent: Tuesday, October 16, 2012 7:05 PM
> > > To: V4Protocol@yahoogroups.com
> > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > >
> > >
> > >
> > > also looking for sigs...
> > > Gary WD9DUI
> > >
> > > From: Pat
> > > Sent: Tuesday, October 16, 2012 9:59 AM
> > > To: V4Protocol@yahoogroups.com
> > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > >
> > >
> > >
> > >
> > >
> > > OK I'm QRV, maybe its work
> > >
> > > 73 de Pat ON2AD
> > >
> > > From: Mike
> > > Sent: Tuesday, October 16, 2012 6:55 PM
> > > To: V4Protocol@yahoogroups.com
> > > Subject: [V4Protocol] Now on 28.123 dial n6kzb
> > >
> > >
> > > V4 chat time !!
> > >
> >
>

>
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> ------------------------------------
>
> Yahoo! Groups Links
>

Yahoo! Groups Links

2992. Re: [V4Protocol] Re: Now on 28.123 dial n6kzb

Yahoo group: V4Protocol
Date: 2012-10-16 17:41:45 UTC
From: Fred
Topic: 2974 Message: 2992

this is ke5htb I going to try 28.123 for a spell also saw a
signal but I havent used this program in ages and wanted to see
myself that it still worked and remember how to use it even. last
contact and only 1 was in 2011 on 40m even. I will be there for a
hour trying and listening.
I am in S.TX
Fred
ke5htb

On 10/16/2012 12:28 PM, Mike wrote:
>
> Ok will go back to 10 meters and sit on 28.123 for a while,
> thanks to both of you for trying.
>
> Mike
>
> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>, "WD9DUI" <wd9dui@...> wrote:
> >
> > see a sig, but just not enough to decode....
> > may try later today?
> > going back to 10M band seems to be open to Europe & South
> Americas
> > 73
> > Gary
> >
> > From: Mike
> > Sent: Tuesday, October 16, 2012 10:25 AM
> > To: V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> > Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb
> >
> > on 14.073 again see V4 sig signals, squelch at 3, but no lock
> >
> > mike
> >
> > --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>, "Pat" <on2ad@> wrote:
> > >
> > > OK
> > > ON2AD Pat
> > >
> > > From: WD9DUI
> > > Sent: Tuesday, October 16, 2012 7:19 PM
> > > To: V4Protocol@yahoogroups.com

> <mailto:V4Protocol%40yahoogroups.com>
> > > Subject: Re: [V4Protocol] Re: Now on 28.123 dial n6kzb
> > >
> > >
> > >
> > > will qsy to 20M see if I see anything...
> > > Gary
> > >
> > > From: Mike
> > > Sent: Tuesday, October 16, 2012 10:15 AM
> > > To: V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> > > Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb
> > >
> > >
> > > I can hear weak V4 signals,.
> > >
> > > Perhaps suggest another band and freq?
> > >
> > > Mike
> > >
> > > --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>, "Mike" <burton@> wrote:
> > > >
> > > >
> > > > Perhaps band needs to build up, I see some V4 but can't
> lock on right now.
> > > >
> > > > Mike
> > > >
> > > > --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>, "Pat" <on2ad@> wrote:
> > > > >
> > > > > I don't think its work. I have calling 6 times CQ de
> ON2AD on 28.123, sri
> > > > >
> > > > > 73 de Pat
> > > > >
> > > > > From: WD9DUI
> > > > > Sent: Tuesday, October 16, 2012 7:05 PM
> > > > > To: V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> > > > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > > > >
> > > > >
> > > > >
> > > > > also looking for sigs...
> > > > > Gary WD9DUI
> > > > >
> > > > > From: Pat

> > > > > Sent: Tuesday, October 16, 2012 9:59 AM
> > > > > To: V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> > > > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > OK I'm QRV, maybe its work
> > > > > >
> > > > > 73 de Pat ON2AD
> > > > > >
> > > > > From: Mike
> > > > > Sent: Tuesday, October 16, 2012 6:55 PM
> > > > > To: V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> > > > > Subject: [V4Protocol] Now on 28.123 dial n6kzb
> > > > > >
> > > > > >
> > > > > V4 chat time !!
> > > > > >
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> > > > ------------------------------------
> > > >
> > > Yahoo! Groups Links
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> > >
> > Yahoo! Groups Links
> > >
> >
> >

--
Fred Rugar
KE5HTB
ARES Bee County TX
Races Bee County tx
Skywarn Member

2993. 28.123

Yahoo group: V4Protocol
Date: 2012-10-16 18:56:10 UTC
From: WD9DUI
Topic: 2974 Message: 2993

ok, will watch for sigs, and send a cq out etc... so far nothing

From: Fred
Sent: Tuesday, October 16, 2012 10:41 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Now on 28.123 dial n6kzb

this is ke5htb I going to try 28.123 for a spell also saw a signal but I havent used this program in ages and wanted to see myself that it still worked and remember how to use it even. last contact and only 1 was in 2011 on 40m even. I will be there for a hour trying and listening.
I am in S.TX
Fred
ke5htb

On 10/16/2012 12:28 PM, Mike wrote:

Ok will go back to 10 meters and sit on 28.123 for a while, thanks to both of you for trying.

Mike

--- In mailto:V4Protocol%40yahoogroups.com, "WD9DUI" mailto:wd9dui@... wrote:
>
> see a sig, but just not enough to decode....
> may try later today?
> going back to 10M band seems to be open to Europe & South Americas
> 73
> Gary
>
> From: Mike
> Sent: Tuesday, October 16, 2012 10:25 AM
> To: mailto:V4Protocol%40yahoogroups.com
> Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb
>
> on 14.073 again see V4 sig signals, squelch at 3, but no lock
>
> mike
>
> --- In mailto:V4Protocol%40yahoogroups.com, "Pat" <on2ad@> wrote:
> >
> > OK
> > ON2AD Pat
> >
> > From: WD9DUI
> > Sent: Tuesday, October 16, 2012 7:19 PM

> > To: mailto:V4Protocol%40yahoogroups.com
> > Subject: Re: [V4Protocol] Re: Now on 28.123 dial n6kzb
> >
> >
> >
> > will qsy to 20M see if I see anything...
> > Gary
> >
> > From: Mike
> > Sent: Tuesday, October 16, 2012 10:15 AM
> > To: mailto:V4Protocol%40yahoogroups.com
> > Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb
> >
> >
> > I can hear weak V4 signals,.
> >
> > Perhaps suggest another band and freq?
> >
> > Mike
> >
> > --- In mailto:V4Protocol%40yahoogroups.com, "Mike" <burton@> wrote:
> > >
> > >
> > > Perhaps band needs to build up, I see some V4 but can't lock on right now.
> > >
> > > Mike
> > >
> > > --- In mailto:V4Protocol%40yahoogroups.com, "Pat" <on2ad@> wrote:
> > > >
> > > > I don't think its work. I have calling 6 times CQ de ON2AD on 28.123, sri
> > > >
> > > > 73 de Pat
> > > >
> > > > From: WD9DUI
> > > > Sent: Tuesday, October 16, 2012 7:05 PM
> > > > To: mailto:V4Protocol%40yahoogroups.com
> > > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > > >
> > > >
> > > >
> > > > also looking for sigs...
> > > > Gary WD9DUI
> > > >
> > > > From: Pat
> > > > Sent: Tuesday, October 16, 2012 9:59 AM
> > > > To: mailto:V4Protocol%40yahoogroups.com
> > > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > > >
> > > >
> > > >

> > > >
> > > > OK I'm QRV, maybe its work
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> > > > 73 de Pat ON2AD
> > > >
> > > > From: Mike
> > > > Sent: Tuesday, October 16, 2012 6:55 PM
> > > > To: mailto:V4Protocol%40yahoogroups.com
> > > > Subject: [V4Protocol] Now on 28.123 dial n6kzb
> > > >
> > > >
> > > > V4 chat time !!
> > > >
> > >
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> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

--
Fred Rugar
KE5HTB
ARES Bee County TX
Races Bee County tx
Skywarn Member

2994. n6kzb back on 28.123

Yahoo group: V4Protocol
Date: 2012-10-16 20:57:54 UTC
From: Mike
Topic: 2974 Message: 2994

back on 28.123

--- In V4Protocol@yahoogroups.com, "WD9DUI" <wd9dui@...> wrote:
>
> ok, will watch for sigs, and send a cq out etc... so far nothing
>
> From: Fred
> Sent: Tuesday, October 16, 2012 10:41 AM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Re: Now on 28.123 dial n6kzb
>
>
>
> this is ke5htb I going to try 28.123 for a spell also saw a signal but I havent used this program in ages and wanted to see myself that it still worked and remember how to use it even. last contact and only 1 was in 2011 on 40m even. I will be there for a hour trying and listening.
> I am in S.TX
> Fred
> ke5htb
>
>
>
> On 10/16/2012 12:28 PM, Mike wrote:
>
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> Ok will go back to 10 meters and sit on 28.123 for a while, thanks to both of you for trying.
>
> Mike
>
> --- In mailto:V4Protocol%40yahoogroups.com, "WD9DUI" mailto:wd9dui@ wrote:
> >
> > see a sig, but just not enough to decode....
> > may try later today?
> > going back to 10M band seems to be open to Europe & South Americas
> > 73
> > Gary
> >
> > From: Mike
> > Sent: Tuesday, October 16, 2012 10:25 AM
> > To: mailto:V4Protocol%40yahoogroups.com
> > Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb
> >
> > on 14.073 again see V4 sig signals, squelch at 3, but no lock

> >
> > mike
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> > --- In mailto:V4Protocol%40yahoogroups.com, "Pat" <on2ad@> wrote:
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> > > From: WD9DUI
> > > Sent: Tuesday, October 16, 2012 7:19 PM
> > > To: mailto:V4Protocol%40yahoogroups.com
> > > Subject: Re: [V4Protocol] Re: Now on 28.123 dial n6kzb
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> > >
> > >
> > > will qsy to 20M see if I see anything...
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> > > Sent: Tuesday, October 16, 2012 10:15 AM
> > > To: mailto:V4Protocol%40yahoogroups.com
> > > Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb
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> > > I can hear weak V4 signals,.
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> > > Perhaps suggest another band and freq?
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> > > Mike
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> > > > >
> > > > >

> > > > > also looking for sigs...
> > > > > Gary WD9DUI
> > > > >
> > > > > From: Pat
> > > > > Sent: Tuesday, October 16, 2012 9:59 AM
> > > > > To: mailto:V4Protocol%40yahoogroups.com
> > > > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > > > >
> > > > >
> > > > >
> > > > >
> > > > > OK I'm QRV, maybe its work
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> > > > >
> > > > > From: Mike
> > > > > Sent: Tuesday, October 16, 2012 6:55 PM
> > > > > To: mailto:V4Protocol%40yahoogroups.com
> > > > > Subject: [V4Protocol] Now on 28.123 dial n6kzb
> > > > >
> > > > >
> > > > > V4 chat time !!
> > > > >
> > > >
> > >
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > Yahoo! Groups Links
> > >
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> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
>
>
>
>
>
> --
> Fred Rugar
> KE5HTB
> ARES Bee County TX
> Races Bee County tx

> Skywarn Member
>

2995. Re: n6kzb back on 28.123

Yahoo group: V4Protocol
Date: 2012-10-16 21:16:29 UTC
From: Mike
Topic: 2974 Message: 2995

Well it works ve6egn connected and we had a short qso in ARQ

Mike
--- In V4Protocol@yahoogroups.com, "Mike" <burton@...> wrote:
>
> back on 28.123
>
> --- In V4Protocol@yahoogroups.com, "WD9DUI" <wd9dui@> wrote:
> >
> > ok, will watch for sigs, and send a cq out etc... so far nothing
> >
> > From: Fred
> > Sent: Tuesday, October 16, 2012 10:41 AM
> > To: V4Protocol@yahoogroups.com
> > Subject: Re: [V4Protocol] Re: Now on 28.123 dial n6kzb
> >
> >
> >
> > this is ke5htb I going to try 28.123 for a spell also saw a signal but I havent used this program in ages and wanted to see myself that it still worked and remember how to use it even. last contact and only 1 was in 2011 on 40m even. I will be there for a hour trying and listening.
> > I am in S.TX
> > Fred
> > ke5htb
> >
> >
> >
> > On 10/16/2012 12:28 PM, Mike wrote:
> >
> >
> > Ok will go back to 10 meters and sit on 28.123 for a while, thanks to both of you for trying.
> >
> > Mike
> >
> > --- In mailto:V4Protocol%40yahoogroups.com, "WD9DUI" mailto:wd9dui@ wrote:
> > >
> > > see a sig, but just not enough to decode....
> > > may try later today?
> > > going back to 10M band seems to be open to Europe & South Americas
> > > 73
> > > Gary
> > >
> > > From: Mike

> > > Sent: Tuesday, October 16, 2012 10:25 AM
> > > To: mailto:V4Protocol%40yahoogroups.com
> > > Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb
> > >
> > > on 14.073 again see V4 sig signals, squelch at 3, but no lock
> > >
> > > mike
> > >
> > > --- In mailto:V4Protocol%40yahoogroups.com, "Pat" <on2ad@> wrote:
> > > >
> > > > OK
> > > > ON2AD Pat
> > > >
> > > > From: WD9DUI
> > > > Sent: Tuesday, October 16, 2012 7:19 PM
> > > > To: mailto:V4Protocol%40yahoogroups.com
> > > > Subject: Re: [V4Protocol] Re: Now on 28.123 dial n6kzb
> > > >
> > > >
> > > >
> > > > will qsy to 20M see if I see anything...
> > > > Gary
> > > >
> > > > From: Mike
> > > > Sent: Tuesday, October 16, 2012 10:15 AM
> > > > To: mailto:V4Protocol%40yahoogroups.com
> > > > Subject: [V4Protocol] Re: Now on 28.123 dial n6kzb
> > > >
> > > >
> > > > I can hear weak V4 signals,.
> > > >
> > > > Perhaps suggest another band and freq?
> > > >
> > > > Mike
> > > >
> > > > --- In mailto:V4Protocol%40yahoogroups.com, "Mike" <burton@> wrote:
> > > > >
> > > > >
> > > > > Perhaps band needs to build up, I see some V4 but can't lock on right now.
> > > > >
> > > > > Mike
> > > > >
> > > > > --- In mailto:V4Protocol%40yahoogroups.com, "Pat" <on2ad@> wrote:
> > > > > >
> > > > > > I don't think its work. I have calling 6 times CQ de ON2AD on 28.123, sri
> > > > > >
> > > > > > 73 de Pat
> > > > > >
> > > > > > From: WD9DUI
> > > > > > Sent: Tuesday, October 16, 2012 7:05 PM

> > > > > > To: mailto:V4Protocol%40yahoogroups.com
> > > > > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > > > > >
> > > > > >
> > > > > >
> > > > > > also looking for sigs...
> > > > > > Gary WD9DUI
> > > > > >
> > > > > > From: Pat
> > > > > > Sent: Tuesday, October 16, 2012 9:59 AM
> > > > > > To: mailto:V4Protocol%40yahoogroups.com
> > > > > > Subject: Re: [V4Protocol] Now on 28.123 dial n6kzb
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > OK I'm QRV, maybe its work
> > > > > >
> > > > > > 73 de Pat ON2AD
> > > > > >
> > > > > > From: Mike
> > > > > > Sent: Tuesday, October 16, 2012 6:55 PM
> > > > > > To: mailto:V4Protocol%40yahoogroups.com
> > > > > > Subject: [V4Protocol] Now on 28.123 dial n6kzb
> > > > > >
> > > > > >
> > > > > > V4 chat time !!
> > > > > >
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> > > > Yahoo! Groups Links
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> > > ------------------------------------
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> > >
> >
> >
> >
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> >

> > --
> > Fred Rugar
> > KE5HTB
> > ARES Bee County TX
> > Races Bee County tx
> > Skywarn Member
> >
>

2996. TA3EC Turkish Station

Yahoo group: V4Protocol
Date: 2012-10-22 14:39:56 UTC
From: gm4zqh
Topic: 2996 Message: 2996

TA3EC was heard calling on V4 at around 14:25 22nd Oct. Unfortunately
we couldn t connect.

John

2997. Re: [V4Protocol] TA3EC Turkish Station

Yahoo group: V4Protocol
Date: 2012-10-22 15:35:02 UTC
From: wd9dva@sbcglobal.net
Topic: 2996 Message: 2997

Hi John I'm assuming 1425 Z. What was the freq? 73 Ed WD9DVA
----- Original Message -----
From: gm4zqh
To: V4Protocol@yahoogroups.com
Sent: Monday, October 22, 2012 14:39
Subject: [V4Protocol] TA3EC Turkish Station

TA3EC was heard calling on V4 at around 14:25 22nd Oct. Unfortunately
we couldn t connect.

John

2998. Re: TA3EC Turkish Station

Yahoo group: V4Protocol
Date: 2012-10-23 09:50:52 UTC
From: gm4zqh
Topic: 2996 Message: 2998

Frequency 14.073 all times UTC here... The station was weak
but printed out about three lines CQ call. Too much QRM and possibly
he left the frequency before I got back to him.

14.073 is very quiet here in Edinburgh . Maybe have to rig a 40 metre
dipole:)

John

--- In V4Protocol@yahoogroups.com, <wd9dva@...> wrote:
>
> Hi John I'm assuming 1425 Z. What was the freq? 73 Ed WD9DVA
> ----- Original Message -----
> From: gm4zqh
> To: V4Protocol@yahoogroups.com
> Sent: Monday, October 22, 2012 14:39
> Subject: [V4Protocol] TA3EC Turkish Station
>
>
>
>
>
> TA3EC was heard calling on V4 at around 14:25 22nd Oct. Unfortunately
> we couldn t connect.
>
> John
>

2999. Announcing CAT590: Generating and Monitoring TS-590S CAT Commands and Responses

Yahoo group: V4Protocol
Date: 2012-11-01 18:31:04 UTC
From: Ian Wade G3NRW
Topic: 2999 Message: 2999

I recently needed a simple tool to create and monitor TS-590S CAT control commands and responses. The result was CAT590.

CAT590 is a diagnostic program that lets you send TS-590S computer control commands from the PC to the radio, then monitors the responses from the radio. CAT590 is an Excel VBA program, and requires Excel to run.

The program is very easy to use. After connecting the program to the radio, you simply enter a CAT command (for example, "FA;" to read the VFO-A frequency), then click on the "Send Command" button to send the command to the radio. The response from the radio (for example, "FA00007124000;") then appears.

To download the CAT590 program and associated documentation, go to the "TS-590S Resources Page":

http://homepage.ntlworld.com/wadei/ts-590s.htm

Click on the red "CAT950" button. A short description of the program will appear, together with links for the software and documentation.

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

The TS-990S Resources Page:
http://homepage.ntlworld.com/wadei/ts-990.htm

>

>

>

>

>

3000. RE: [V4Protocol] Announcing CAT590: Generating and Monitoring TS-590S CAT Commands and Responses

Yahoo group: V4Protocol
Date: 2012-11-01 21:09:10 UTC
From: Box SixteenHundred
Topic: 2999 Message: 3000

I had written a similar program for my TS-870S 5-6 years ago.

I then wired up a sharp IR detector to an Arduino microprocessor and
now use an old TV remote to control my radio from my recliner in
the other room.

A word of warning.

Be very careful using tools like these.

Entering an incorrect code or command or writing to the wrong eeprom
location can cause the radio to be bricked.

73 - Bill KA8VIT

> To: V4Protocol@yahoogroups.com
> From: g3nrw-radio@...
> Date: Thu, 1 Nov 2012 18:31:04 +0000
> Subject: [V4Protocol] Announcing CAT590: Generating and Monitoring TS-590S CAT Commands
and Responses
>
> I recently needed a simple tool to create and monitor TS-590S CAT
> control commands and responses. The result was CAT590.
>
> CAT590 is a diagnostic program that lets you send TS-590S computer
> control commands from the PC to the radio, then monitors the responses
> from the radio. CAT590 is an Excel VBA program, and requires Excel to
> run.
>
> The program is very easy to use. After connecting the program to the
> radio, you simply enter a CAT command (for example, "FA;" to read the
> VFO-A frequency), then click on the "Send Command" button to send the
> command to the radio. The response from the radio (for example,
> "FA00007124000;") then appears.
>
> To download the CAT590 program and associated documentation, go to the
> "TS-590S Resources Page":
>
> http://homepage.ntlworld.com/wadei/ts-590s.htm
>
> Click on the red "CAT950" button. A short description of the program
> will appear, together with links for the software and documentation.

3001. 30m Band Utilization Chart update: 10 November 2012

Yahoo group: V4Protocol
Date: 2012-11-10 08:13:59 UTC
From: Ian Wade G3NRW
Topic: 3001 Message: 3001

30m Band Utilization Chart update: 10 November 2012

http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

--
73
Ian, G3NRW

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

>

>

>

>

>

3002. Calling CQ Now!

Yahoo group: V4Protocol
Date: 2012-12-08 00:01:16 UTC
From: kljkhg
Topic: 3002 Message: 3002

I am on 14.073 calling CQ it is 23:58UTC. Would any body like to set up a schedule or a net some time to use this mode.
Paul KB2VEC

3003. Re: [V4Protocol] Calling CQ Now!

Yahoo group: V4Protocol
Date: 2012-12-08 02:49:34 UTC
From: Leo yudysky
Topic: 3002 Message: 3003

I'm up for a sked on V4, I was just on that frequency doing a CQ and didn't get a response.
Leo Yudysky
kf7oni
Whitefish, Mt.

From: kljkhg <kb2vec@...>
To: V4Protocol@yahoogroups.com
Sent: Friday, December 7, 2012 5:01 PM
Subject: [V4Protocol] Calling CQ Now!

I am on 14.073 calling CQ it is 23:58UTC. Would any body like to set up a schedule or a net some time to use this mode.
Paul KB2VEC

3004. chatv4 14074.00

Yahoo group: V4Protocol
Date: 2012-12-09 18:55:21 UTC
From: Dick Lamberson
Topic: 3004 Message: 3004

calling cq at 1855Z - V4 Chat anyone?

3005. V4 sked

Yahoo group: V4Protocol
Date: 2012-12-22 22:32:12 UTC
From: kljkhg
Topic: 3005 Message: 3005

Would like to try this mode. I am calling cq now on 14073 @ 2230 UTC. Will try again tomorrow if someone will give me a time and frequency I will be there.
Paul KB2VEC

3006. Re: [V4Protocol] V4 sked

Yahoo group: V4Protocol
Date: 2012-12-22 22:40:29 UTC
From: Leo yudysky
Topic: 3005 Message: 3006

Well Paul I would have liked to try it with you but I'm an hour late, been plowing snow.
Leo
kf7oni

From: kljkhg <kb2vec@...>
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 22, 2012 3:32 PM
Subject: [V4Protocol] V4 sked

Would like to try this mode. I am calling cq now on 14073 @ 2230 UTC. Will try again tomorrow if someone will give me a time and frequency I will be there.
Paul KB2VEC

3007. Re: [V4Protocol] V4 sked

Yahoo group: V4Protocol
Date: 2012-12-22 22:52:31 UTC
From: Paul Harris
Topic: 3005 Message: 3007

Okay Leo send me an email when you can be on the radio and I will be there. Paul KB2VEC

From: Leo yudysky <lyudysky@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Saturday, December 22, 2012 5:40 PM
Subject: Re: [V4Protocol] V4 sked

Well Paul I would have liked to try it with you but I'm an hour late, been plowing snow.
Leo
kf7oni

From: kljkhg <kb2vec@yahoo.com>
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 22, 2012 3:32 PM
Subject: [V4Protocol] V4 sked

Would like to try this mode. I am calling cq now on 14073 @ 2230 UTC. Will try again tomorrow if someone will give me a time and frequency I will be there.
Paul KB2VEC

3008. Re: V4 sked

Yahoo group: V4Protocol
Date: 2012-12-23 19:50:01 UTC
From: Mike
Topic: 3005 Message: 3008

Now on 14.075 USB

Mike n6kzb

--- In V4Protocol@yahoogroups.com, Paul Harris <kb2vec@...> wrote:
>
> Okay Leo send me an email when you can be on the radio and I will be there. Paul KB2VEC
>
>
>
> _____
> From: Leo yudysky <lyudysky@...>
> To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
> Sent: Saturday, December 22, 2012 5:40 PM
> Subject: Re: [V4Protocol] V4 sked
>
>
> Â
> Well Paul I would have liked to try it with you but I'm an hour late, been plowing snow.Â
> Leo
> kf7oni
>
> From: kljkhg <kb2vec@...>
> To: V4Protocol@yahoogroups.com
> Sent: Saturday, December 22, 2012 3:32 PM
> Subject: [V4Protocol] V4 sked
>
> Â
> Would like to try this mode. I am calling cq now on 14073 @ 2230 UTC. Will try again tomorrow if someone will give me a time and frequency I will be there.
> Paul KB2VEC
>

3009. Re: [V4Protocol] Re: V4 sked

Yahoo group: V4Protocol
Date: 2012-12-23 21:50:57 UTC
From: Paul Harris
Topic: 3005 Message: 3009

Missed you just checked my email, but listening on14075right now 4:50 pm EST. Paul KB2VEC

From: Mike <mikeaburton@...>
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 23, 2012 2:50 PM
Subject: [V4Protocol] Re: V4 sked

Now on 14.075 USB

Mike n6kzb

--- In V4Protocol@yahoogroups.com, Paul Harris <kb2vec@...> wrote:
>
> Okay Leo send me an email when you can be on the radio and I will be there. Paul KB2VEC
>
>
>
> ---
> From: Leo yudysky <lyudysky@...>
> To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
> Sent: Saturday, December 22, 2012 5:40 PM
> Subject: Re: [V4Protocol] V4 sked
>
>
> Â
> Well Paul I would have liked to try it with you but I'm an hour late, been plowing snow.Â
> Leo
> kf7oni
>
> From: kljkhg <kb2vec@...>
> To: V4Protocol@yahoogroups.com
> Sent: Saturday, December 22, 2012 3:32 PM
> Subject: [V4Protocol] V4 sked
>
> Â
> Would like to try this mode. I am calling cq now on 14073 @ 2230 UTC. Will try again tomorrow if someone will give me a time and frequency I will be there.
> Paul KB2VEC
>

3010. Re: [V4Protocol] Re: V4 sked

Yahoo group: V4Protocol
Date: 2012-12-23 22:27:31 UTC
From: Leo yudysky
Topic: 3005 Message: 3010

Its 3:27pm mst I'm on 14.075 just gave you a call will keep paging.
Leo

From: Paul Harris <kb2vec@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Sunday, December 23, 2012 2:50 PM
Subject: Re: [V4Protocol] Re: V4 sked

Missed you just checked my email, but listening on14075right now 4:50 pm EST. Paul KB2VEC

From: Mike <mikeaburton@...>
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 23, 2012 2:50 PM
Subject: [V4Protocol] Re: V4 sked

Now on 14.075 USB Mike n6kzb --- In mailto:V4Protocol%40yahoogroups.com, Paul Harris <kb2vec@...> wrote: > > Okay Leo send me an email when you can be on the radio and I will be there. Paul KB2VEC > > > > _____ > From: Leo yudysky <lyudysky@...> > To: "mailto:V4Protocol%40yahoogroups.com" <mailto:V4Protocol%40yahoogroups.com> > Sent: Saturday, December 22, 2012 5:40 PM > Subject: Re: [V4Protocol] V4 sked > > > Â > Well Paul I would have liked to try it with you but I'm an hour late, been plowing snow.Â > Leo > kf7oni > > From: kljkhg <kb2vec@...> > To: mailto:V4Protocol%40yahoogroups.com > Sent: Saturday, December 22, 2012 3:32 PM > Subject: [V4Protocol] V4 sked > > Â > Would like to try this mode. I am calling cq now on 14073 @ 2230 UTC. Will try again tomorrow if someone will give me a time and frequency I will be there. > Paul KB2VEC >

3011. Re: [V4Protocol] Re: V4 sked

Yahoo group: V4Protocol
Date: 2012-12-23 22:40:05 UTC
From: Leo yudysky
Topic: 3005 Message: 3011

Paul, I got 22:39 utc, just swung the beam to you and made one call and listening. Here some jt65 off to the side.
Leo

From: Paul Harris <kb2vec@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Sunday, December 23, 2012 2:50 PM
Subject: Re: [V4Protocol] Re: V4 sked

Missed you just checked my email, but listening on14075right now 4:50 pm EST. Paul KB2VEC

From: Mike <mikeaburton@...m>
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 23, 2012 2:50 PM
Subject: [V4Protocol] Re: V4 sked

Now on 14.075 USB Mike n6kzb --- In mailto:V4Protocol%40yahoogroups.com, Paul Harris <kb2vec@...> wrote: > > Okay Leo send me an email when you can be on the radio and I will be there. Paul KB2VEC > > > > _____ > From: Leo yudysky <lyudysky@...> > To: "mailto:V4Protocol%40yahoogroups.com" <mailto:V4Protocol%40yahoogroups.com> > Sent: Saturday, December 22, 2012 5:40 PM > Subject: Re: [V4Protocol] V4 sked > > > Â > Well Paul I would have liked to try it with you but I'm an hour late, been plowing snow.Â > Leo > kf7oni > > From: kljkhg <kb2vec@...> > > To: mailto:V4Protocol%40yahoogroups.com > Sent: Saturday, December 22, 2012 3:32 PM > Subject: [V4Protocol] V4 sked > > Â > Would like to try this mode. I am calling cq now on 14073 @ 2230 UTC. Will try again tomorrow if someone will give me a time and frequency I will be there. > Paul KB2VEC >

3012. Re: [V4Protocol] Re: V4 sked

Yahoo group: V4Protocol
Date: 2012-12-23 22:52:47 UTC
From: Leo yudysky
Topic: 3005 Message: 3012

I'll keep the radio on, but haven't heard anyone on v4 mode, just Oliva and Jt65 off to the side.
Leo

From: Leo yudysky <lyudysky@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Sunday, December 23, 2012 3:40 PM
Subject: Re: [V4Protocol] Re: V4 sked

Paul, I got 22:39 utc, just swung the beam to you and made one call and listening. Here some jt65 off to the side.
Leo

From: Paul Harris <kb2vec@yahoo.com>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Sunday, December 23, 2012 2:50 PM
Subject: Re: [V4Protocol] Re: V4 sked

Missed you just checked my email, but listening on14075right now 4:50 pm EST. Paul KB2VEC

From: Mike <mikeaburton@...>
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 23, 2012 2:50 PM
Subject: [V4Protocol] Re: V4 sked

Now on 14.075 USB Mike n6kzb --- In mailto:V4Protocol%40yahoogroups.com, Paul Harris <kb2vec@...> wrote:
>
> Okay Leo send me an email when you can be on the radio and I will be there. Paul KB2VEC
>
>
>
> ---
> From: Leo yudysky <lyudysky@...>
> To: "mailto:V4Protocol%40yahoogroups.com" <mailto:V4Protocol%40yahoogroups.com>
> Sent: Saturday, December 22, 2012 5:40 PM
> Subject: Re: [V4Protocol] V4 sked
>
>
> Â
> Well Paul I would have liked to try it with you but I'm an hour late, been plowing snow.Â
> Leo

> kf7oni
>
> From: kljkhg <kb2vec@...>
> To: mailto:V4Protocol%40yahoogroups.com > Sent: Saturday, December 22, 2012 3:32 PM
> Subject: [V4Protocol] V4 sked
>
> Â
> Would like to try this mode. I am calling cq now on 14073 @ 2230 UTC. Will try again tomorrow if someone will give me a time and frequency I will be there.
> Paul KB2VEC
>

3013. Re: [V4Protocol] Re: V4 sked

Yahoo group: V4Protocol
Date: 2012-12-24 15:29:33 UTC
From: Anton Mandos
Topic: 3005 Message: 3013

Hello ,

Did not realize that this is software you have to pay for.

I was SWL manager of the national amateur radio societies of
Holland and Belgium, contest manager of the UBA, 12 years club president,
35 years organising Jamboree on the Air, gave at least 50 presentations
in radio clubs, wrote numerous articles for radio amateur magazines,
manning stands for radio clubs on all kinds of occasions, etc. etc.
Never ever ask any payment for that.

Now I am a volunteer for the Doctors without Borders who in my opinion
deserve my personal and financial support just as much or even more than
the emergency organisation the payment of this software is benefiting from.

Good luck with the hobby!

73, Anton
ON6NL

"Looking for a robust keyboard mode software for communication
on HF by medical staff"

Anton Mandos
ON6NL

From: Paul Harris <kb2vec@yahoo.com>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Sunday, December 23, 2012 10:50 PM
Subject: Re: [V4Protocol] Re: V4 sked

Missed you just checked my email, but listening on14075right now 4:50 pm EST. Paul KB2VEC

From: Mike <mikeaburton@...>
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 23, 2012 2:50 PM
Subject: [V4Protocol] Re: V4 sked

Now on 14.075 USB

Mike n6kzb

--- In V4Protocol@yahoogroups.com, Paul Harris <kb2vec@...> wrote:
>
> Okay Leo send me an email when you can be on the radio and I will be there. Paul KB2VEC
>

>
>
> _____
> From: Leo yudysky <lyudysky@...>
> To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
> Sent: Saturday, December 22, 2012 5:40 PM
> Subject: Re: [V4Protocol] V4 sked
>
>
> Â
> Well Paul I would have liked to try it with you but I'm an hour late, been plowing snow.Â
> Leo
> kf7oni
>
> From: kljkhg <kb2vec@...>
> To: V4Protocol@yahoogroups.com
> Sent: Saturday, December 22, 2012 3:32 PM
> Subject: [V4Protocol] V4 sked
>
> Â
> Would like to try this mode. I am calling cq now on 14073 @ 2230 UTC. Will try again tomorrow if someone will give me a time and frequency I will be there.
> Paul KB2VEC
>

3014. Re: Re: [V4Protocol] Re: V4 sked

Yahoo group: V4Protocol
Date: 2012-12-24 15:54:20 UTC
From: Fred Garside
Topic: 3005 Message: 3014

Anton,

I don't believe there is any charge for V4 but if you want to donate to the development it's
appreciated.

Have a very Merry Christmas and Happy New Year.
Happy hamming.

73,
Fred, W1WYC
?
?
?
On 12/24/12, Anton Mandos wrote:
?
?

Hello ,

Did not realize that this is software you have to pay for.

I was SWL manager of the national amateur radio societies of
Holland and Belgium, contest manager of the UBA, 12 years club president,
35 years organising Jamboree on the Air, gave at least 50 presentations
in radio clubs, wrote numerous articles for radio amateur magazines,
manning stands for radio clubs on all kinds of occasions, etc. etc.
Never ever ask any payment for that.

Now I am a volunteer for the Doctors without Borders who in my opinion
deserve my personal and financial support just as much or even more than
the emergency organisation the payment of this software is benefiting from.

Good luck with the hobby!

73, Anton
ON6NL

"Looking for a robust keyboard mode software for communication
on HF by medical staff"

?
Anton Mandos
ON6NL

From: Paul Harris <kb2vec@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Sunday, December 23, 2012 10:50 PM

Subject: Re: [V4Protocol] Re: V4 sked

?

Missed you just checked my email, but listening on14075right now 4:50? pm EST. Paul KB2VEC

From: Mike <mikeaburton@...>
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 23, 2012 2:50 PM
Subject: [V4Protocol] Re: V4 sked

?

Now on 14.075 USB

Mike n6kzb

--- In V4Protocol@yahoogroups.com, Paul Harris wrote:
>
> Okay Leo send me an email when you can be on the radio and I will be there. Paul KB2VEC
>
>
>
> _____
> From: Leo yudysky
> To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
> Sent: Saturday, December 22, 2012 5:40 PM
> Subject: Re: [V4Protocol] V4 sked
>
>;
> Â?
> Well Paul I would have liked to try it with you but I'm an hour late, been plowing snow.Â?
> Leo
> kf7oni
>
> From: kljkhg
> To: V4Protocol@yahoogroups.com
> Sent: Saturday, December 22, 2012 3:32 PM
> Subject: [V4Protocol] V4 sked
>
> Â?
> Would like to try this mode. I am calling cq now on 14073 @ 2230 UTC. Will try again tomorrow if someone will give me a time and frequency I will be there.
> Paul KB2VEC
>

3015. Re: [V4Protocol] V4 sked 2230 Sunday?

Yahoo group: V4Protocol
Date: 2012-12-24 16:05:52 UTC
From: Leo yudysky
Topic: 3015 Message: 3015

Well maybe Monday then? I tried 14073 and 14075 but did not hear anyone except some JT65 and Oliva.
My beam froze at 90 degrees so I will try again to the east coast from here in Montana until the bearing thaws out. I thought I had that fixed, I put a rubber boot on the top of the tower to shed the water away from the top platform where the brass bearing is. Just enough water must slip in this bearing and freezes. I have two more bearing supports below that then the rotor sits 3 feet down in the tower.

Paul, and group
Lets try that again, at the same time which I hope is good for you. This would be 3:30pm local mountain time here in Montana and 20 meters should still be fine at that time.
I find leaving the V4 program 'on' helps grab contacts too. I've made a few contacts awhile ago, but it seems to be tapering off we'll see. Its such a great chat program I've recommended it to our ARES committee as a good program to pass critical information on. I was looking yesterday on 14.073, heard some Oliva so I had a great QSO with a fellow in California. I've been on V4 in the midst of Oliva and it doesn't seem to bother at all.
Leo
kf7oni
Whitefish, Mt.

From: Paul Harris <kb2vec@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Saturday, December 22, 2012 3:52 PM
Subject: Re: [V4Protocol] V4 sked

Okay Leo send me an email when you can be on the radio and I will be there. Paul KB2VEC

From: Leo yudysky <lyudysky@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Saturday, December 22, 2012 5:40 PM
Subject: Re: [V4Protocol] V4 sked

Well Paul I would have liked to try it with you but I'm an hour late, been plowing snow.
Leo
kf7oni

From: kljkhg <kb2vec@...>
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 22, 2012 3:32 PM
Subject: [V4Protocol] V4 sked

Would like to try this mode. I am calling cq now on 14073 @ 2230 UTC. Will try again tomorrow if someone will give me a time and frequency I will be there.
Paul KB2VEC

3016. Monday

Yahoo group: V4Protocol
Date: 2012-12-24 16:19:17 UTC
From: WD9DUI
Topic: 3015 Message: 3016

I will leave the station set up and on freq, will see if I can see anything. I will be in and out today.
73
Gary WD9DUI

From: Leo yudysky
Sent: Monday, December 24, 2012 8:05 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 sked 2230 Sunday?

Well maybe Monday then? I tried 14073 and 14075 but did not hear anyone except some JT65 and Oliva.
My beam froze at 90 degrees so I will try again to the east coast from here in Montana until the bearing thaws out. I thought I had that fixed, I put a rubber boot on the top of the tower to shed the water away from the top platform where the brass bearing is. Just enough water must slip in this bearing and freezes. I have two more bearing supports below that then the rotor sits 3 feet down in the tower.

Paul, and group
Lets try that again, at the same time which I hope is good for you. This would be 3:30pm local mountain time here in Montana and 20 meters should still be fine at that time.
I find leaving the V4 program 'on' helps grab contacts too. I've made a few contacts awhile ago, but it seems to be tapering off we'll see. Its such a great chat program I've recommended it to our ARES committee as a good program to pass critical information on. I was looking yesterday on 14.073, heard some Oliva so I had a great QSO with a fellow in California. I've been on V4 in the midst of Oliva and it doesn't seem to bother at all.
Leo
kf7oni
Whitefish, Mt.

3017. Re: [V4Protocol] Monday

Yahoo group: V4Protocol
Date: 2012-12-24 17:57:40 UTC
From: WD9DUI
Topic: 3015 Message: 3017

one call KJ4HB, seen...

From: WD9DUI
Sent: Monday, December 24, 2012 8:19 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Monday

I will leave the station set up and on freq, will see if I can see anything. I will be in and out today.
73
Gary WD9DUI

From: Leo yudysky
Sent: Monday, December 24, 2012 8:05 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 sked 2230 Sunday?

Well maybe Monday then? I tried 14073 and 14075 but did not hear anyone except some JT65 and Oliva.
My beam froze at 90 degrees so I will try again to the east coast from here in Montana until the bearing thaws out. I thought I had that fixed, I put a rubber boot on the top of the tower to shed the water away from the top platform where the brass bearing is. Just enough water must slip in this bearing and freezes. I have two more bearing supports below that then the rotor sits 3 feet down in the tower.

Paul, and group
Lets try that again, at the same time which I hope is good for you. This would be 3:30pm local mountain time here in Montana and 20 meters should still be fine at that time.
I find leaving the V4 program 'on' helps grab contacts too. I've made a few contacts awhile ago, but it seems to be tapering off we'll see. Its such a great chat program I've recommended it to our ARES committee as a good program to pass critical information on. I was looking yesterday on 14.073, heard some Oliva so I had a great QSO with a fellow in California. I've been on V4 in the midst of Oliva and it doesn't seem to bother at all.
Leo
kf7oni
Whitefish, Mt.

3018. Re: [V4Protocol] Monday

Yahoo group: V4Protocol
Date: 2012-12-24 18:05:05 UTC
From: WD9DUI
Topic: 3015 Message: 3018

*** CONNECT REQUEST CQ de KJ4HB @ 2012/12/24 16:57:48.569
From: WD9DUI
Sent: Monday, December 24, 2012 9:57 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Monday

one call KJ4HB, seen...

From: WD9DUI
Sent: Monday, December 24, 2012 8:19 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Monday

I will leave the station set up and on freq, will see if I can see anything. I will be in and out today.
73
Gary WD9DUI

From: Leo yudysky
Sent: Monday, December 24, 2012 8:05 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 sked 2230 Sunday?

Well maybe Monday then? I tried 14073 and 14075 but did not hear anyone except some JT65 and Oliva.
My beam froze at 90 degrees so I will try again to the east coast from here in Montana until the bearing thaws out. I thought I had that fixed, I put a rubber boot on the top of the tower to shed the water away from the top platform where the brass bearing is. Just enough water must slip in this bearing and freezes. I have two more bearing supports below that then the rotor sits 3 feet down in the tower.

Paul, and group
Lets try that again, at the same time which I hope is good for you. This would be 3:30pm local mountain time here in Montana and 20 meters should still be fine at that time.
I find leaving the V4 program 'on' helps grab contacts too. I've made a few contacts awhile ago, but it seems to be tapering off we'll see. Its such a great chat program I've recommended it to our ARES committee as a good program to pass critical information on. I was looking yesterday on 14.073, heard some Oliva so I had a great QSO with a fellow in California. I've been on V4 in the midst of Oliva and it doesn't seem to bother at all.
Leo
kf7oni
Whitefish, Mt.

3019. Re: [V4Protocol] Re: V4 sked

Yahoo group: V4Protocol
Date: 2012-12-24 20:34:20 UTC
From: Paul Harris
Topic: 3005 Message: 3019

The software is a free download from V4 Protocol in yahooo groups. You have to join the group if i remember rightly and download it from there. Paul KB2VEC

From: Anton Mandos <anton6nl@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Monday, December 24, 2012 10:29 AM
Subject: Re: [V4Protocol] Re: V4 sked

Hello ,

Did not realize that this is software you have to pay for.

I was SWL manager of the national amateur radio societies of
Holland and Belgium, contest manager of the UBA, 12 years club president,
35 years organising Jamboree on the Air, gave at least 50 presentations
in radio clubs, wrote numerous articles for radio amateur magazines,
manning stands for radio clubs on all kinds of occasions, etc. etc.
Never ever ask any payment for that.

Now I am a volunteer for the Doctors without Borders who in my opinion
deserve my personal and financial support just as much or even more than
the emergency organisation the payment of this software is benefiting from.

Good luck with the hobby!

73, Anton
ON6NL

"Looking for a robust keyboard mode software for
communication
on HF by medical staff"

Anton Mandos
ON6NL

From: Paul Harris <kb2vec@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Sunday, December 23, 2012 10:50 PM
Subject: Re: [V4Protocol] Re: V4 sked

Missed you just checked my email, but listening on14075right now 4:50 pm EST. Paul KB2VEC

From: Mike <mikeaburton@...>
To: V4Protocol@yahoogroups.com
Sent: Sunday, December 23, 2012 2:50 PM

Subject: [V4Protocol] Re: V4 sked

Now on 14.075 USB

Mike n6kzb

--- In V4Protocol@yahoogroups.com, Paul Harris <kb2vec@...> wrote:
>
> Okay Leo send me an email when you can be on the radio and I will be there. Paul KB2VEC
>
>
>
> _____
> From: Leo yudysky <lyudysky@...>
> To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
> Sent: Saturday, December 22, 2012 5:40 PM
> Subject: Re: [V4Protocol] V4 sked
>
>
> Â
> Well Paul I would have liked to try it with you but I'm an hour late, been plowing snow.Â
> Leo
> kf7oni
>
> From: kljkhg <kb2vec@...>
> To: V4Protocol@yahoogroups.com
> Sent: Saturday, December 22, 2012 3:32 PM
> Subject: [V4Protocol] V4 sked
>
> Â
> Would like to try this mode. I am calling cq now on 14073 @ 2230 UTC. Will try again tomorrow if someone will give me a time and frequency I will be there.
> Paul KB2VEC
>

3020. Re: [V4Protocol] Re: V4 sked

Yahoo group: V4Protocol
Date: 2012-12-24 20:39:02 UTC
From: Steve Michaels
Topic: 3005 Message: 3020

Listening 14.073 now...

De N4ay

On Mon, Dec 24, 2012 at 2:34 PM, Paul Harris <kb2vec@...> wrote:

> **
>
>
> The software is a free download from V4 Protocol in yahooo groups. You
> have to join the group if i remember rightly and download it from there.
> Paul KB2VEC
> ------------------------------
> *From:* Anton Mandos <anton6nl@...>
> *To:* "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
> *Sent:* Monday, December 24, 2012 10:29 AM
>
> *Subject:* Re: [V4Protocol] Re: V4 sked
>
>
> Hello ,
>
> Did not realize that this is software you have to pay for.
>
> I was SWL manager of the national amateur radio societies of
> Holland and Belgium, contest manager of the UBA, 12 years club president,
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> in radio clubs, wrote numerous articles for radio amateur magazines,
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>
> Now I am a volunteer for the Doctors without Borders who in my opinion
> deserve my personal and financial support just as much or even more than
> the emergency organisation the payment of this software is benefiting
> from.
>
> Good luck with the hobby!
>
> 73, Anton
> ON6NL
>
> "Looking for a robust keyboard mode software for communication
> on HF by medical staff"
>
>
> Anton Mandos

> ON6NL
> ------------------------------
> *From:* Paul Harris <kb2vec@...>
> *To:* "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
> *Sent:* Sunday, December 23, 2012 10:50 PM
> *Subject:* Re: [V4Protocol] Re: V4 sked
>
>
> Missed you just checked my email, but listening on14075right now 4:50 pm
> EST. Paul KB2VEC
>
> ------------------------------
> *From:* Mike <mikeaburton@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Sunday, December 23, 2012 2:50 PM
> *Subject:* [V4Protocol] Re: V4 sked
>
>
>
> Now on 14.075 USB
>
> Mike n6kzb
>
> --- In V4Protocol@yahoogroups.com, Paul Harris <kb2vec@...> wrote:
> >
> > Okay Leo send me an email when you can be on the radio and I will be
> there. Paul KB2VEC
> >
> >
> >
> > _____
> > From: Leo yudysky <lyudysky@...>
> > To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
> > Sent: Saturday, December 22, 2012 5:40 PM
> > Subject: Re: [V4Protocol] V4 sked
> >
> >
> > Â
> > Well Paul I would have liked to try it with you but I'm an hour late,
> been plowing snow.Â
> > Leo
> > kf7oni
> >
> > From: kljkhg <kb2vec@...>
> > To: V4Protocol@yahoogroups.com
> > Sent: Saturday, December 22, 2012 3:32 PM
> > Subject: [V4Protocol] V4 sked
> >
> > Â
> > Would like to try this mode. I am calling cq now on 14073 @ 2230 UTC.

> Will try again tomorrow if someone will give me a time and frequency I will
> be there.
> > Paul KB2VEC
> >
>
>
>
>
>
>
>
>
>

3021. Re: [V4Protocol] Re: V4 sked

Yahoo group: V4Protocol
Date: 2012-12-24 23:26:15 UTC
From: Leo yudysky
Topic: 3005 Message: 3021

Kb2vec Paul,
I saw your connect request on my station but I was downstairs at the time, so the path was good, equipment is working.
kf7oni
Leo

From: Steve Michaels <panamasteve@...>
To: V4Protocol@yahoogroups.com
Sent: Monday, December 24, 2012 1:39 PM
Subject: Re: [V4Protocol] Re: V4 sked

Listening 14.073 now...

De N4ay
On Mon, Dec 24, 2012 at 2:34 PM, Paul Harris <kb2vec@...> wrote:

>
>The software is a free download from V4 Protocol in yahooo groups. You have to join the group if i remember rightly and download it from there. Paul KB2VEC
>
>
>---
> From: Anton Mandos <anton6nl@...>
>To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
>Sent: Monday, December 24, 2012 10:29 AM
> Subject: Re: [V4Protocol] Re: V4 sked
>
>
>Hello ,Did not realize that this is software you have to pay for.I was SWL manager of the national amateur radio societies of Holland and Belgium, contest manager of the UBA, 12 years club president,35 years organising Jamboree on the Air, gave at least 50 presentationsin radio clubs, wrote numerous articles for radio amateur magazines, manning stands for radio clubs on all kinds of occasions, etc. etc.Never ever ask any payment for that.Now I am a volunteer for the Doctors without Borders who in my opiniondeserve my personal and financial support just as much or even more than the emergency organisation the payment of this software is benefiting from. Good luck with the hobby!73, AntonON6NL"Looking for a robust keyboard mode software for communicationon HF by medical staff"
>
>
>
>Anton MandosON6NL
>
>
>---

> From: Paul Harris <kb2vec@...>
>To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
>Sent: Sunday, December 23, 2012 10:50 PM
>Subject: Re: [V4Protocol] Re: V4 sked
>
>
>Missed you just checked my email, but listening on14075right now 4:50 pm EST. Paul KB2VEC
>
>
>
>
>_____
> From: Mike <mikeaburton@...>
>To: V4Protocol@yahoogroups.com
>Sent: Sunday, December 23, 2012 2:50 PM
>Subject: [V4Protocol] Re: V4 sked
>
>
> Now on 14.075 USB Mike n6kzb --- In mailto:V4Protocol%40yahoogroups.com, Paul Harris <kb2vec@...> wrote: > > Okay Leo send me an email when you can be on the radio and I will be there. Paul KB2VEC > > > > _____ > From: Leo yudysky <lyudysky@...> > To: "mailto:V4Protocol%40yahoogroups.com" <mailto:V4Protocol%40yahoogroups.com> > Sent: Saturday, December 22, 2012 5:40 PM > Subject: Re: [V4Protocol] V4 sked > > > Â > Well Paul I would have liked to try it with you but I'm an hour late, been plowing snow.Â > Leo > kf7oni > > From: kljkhg <kb2vec@...> > To: mailto:V4Protocol%40yahoogroups.com > Sent: Saturday, December 22, 2012 3:32 PM > Subject: [V4Protocol] V4 sked > > Â > Would like to try this mode. I am calling cq now on 14073 @ 2230 UTC. Will try again tomorrow if someone will give me a time and frequency I will be there. > Paul KB2VEC >

3022. What freq on 40 Meters?

Yahoo group: V4Protocol
Date: 2012-12-25 00:39:21 UTC
From: palmdalesteve
Topic: 3022 Message: 3022

Maybe a redundant post/question, but what frequency are people testing V4 on down on 40 meters.

3023. Re: [V4Protocol] Monday

Yahoo group: V4Protocol
Date: 2012-12-25 00:50:43 UTC
From: WD9DUI
Topic: 3015 Message: 3023

Stations seen/connected today, VE7FEM, KF7ONI, WB6JFH

On to 40M tonight???

Gary

From: John
Sent: Monday, December 24, 2012 2:25 PM
To: wd9dui@roadrunner.com
Subject: Re: [V4Protocol] Monday

I was trying it out but could not recieve anything intelliable. There was something I recieved but couldn't make it out,
John KJ4HB

3024. Re: [V4Protocol] What freq on 40 Meters?

Yahoo group: V4Protocol
Date: 2012-12-25 00:53:28 UTC
From: Dick Lamberson
Topic: 3022 Message: 3024

try 7073

----- Original Message -----
From: palmdalesteve
To: V4Protocol@yahoogroups.com
Sent: Monday, December 24, 2012 7:39 PM
Subject: [V4Protocol] What freq on 40 Meters?

Maybe a redundant post/question, but what frequency are people testing V4 on down on 40 meters.

3025. Re: What freq on 40 Meters?

Yahoo group: V4Protocol
Date: 2012-12-25 00:55:45 UTC
From: palmdalesteve
Topic: 3022 Message: 3025

Thanks, I've give that try.

--- In V4Protocol@yahoogroups.com, "Dick Lamberson" <w4web@...> wrote:
>
> try 7073
>
>
> ----- Original Message -----
> From: palmdalesteve
> To: V4Protocol@yahoogroups.com
> Sent: Monday, December 24, 2012 7:39 PM
> Subject: [V4Protocol] What freq on 40 Meters?
>
>
>
> Maybe a redundant post/question, but what frequency are people testing V4 on down on 40 meters.
>

3026. Re: [V4Protocol] Re: What freq on 40 Meters?

Yahoo group: V4Protocol
Date: 2012-12-25 00:57:40 UTC
From: Andrew O'Brien
Topic: 3022 Message: 3026

Someone there now, 7073

On Mon, Dec 24, 2012 at 7:55 PM, palmdalesteve <se.oneal@...> wrote:

> **
>
>
> Thanks, I've give that try.
>
> --- In V4Protocol@yahoogroups.com, "Dick Lamberson" <w4web@...> wrote:
> >
> > try 7073
> >
> >
> > ----- Original Message -----
> > From: palmdalesteve
> > To: V4Protocol@yahoogroups.com
> > Sent: Monday, December 24, 2012 7:39 PM
> > Subject: [V4Protocol] What freq on 40 Meters?
> >
> >
> >
> > Maybe a redundant post/question, but what frequency are people testing
> V4 on down on 40 meters.
> >
>
>
>

3027. Re: [V4Protocol] 40M sigs

Yahoo group: V4Protocol
Date: 2012-12-25 01:06:41 UTC
From: WD9DUI
Topic: 3022 Message: 3027

See a signal but it is weak here on the left coast....
Gary

From: Andrew O'Brien
Sent: Monday, December 24, 2012 4:57 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: What freq on 40 Meters?

Someone there now, 7073

On Mon, Dec 24, 2012 at 7:55 PM, palmdalesteve <se.oneal@gmail.com> wrote:

Thanks, I've give that try.

--- In mailto:V4Protocol%40yahoogroups.com, "Dick Lamberson" <w4web@...> wrote:
>
> try 7073
>
>
> ----- Original Message -----
> From: palmdalesteve
> To: mailto:V4Protocol%40yahoogroups.com
> Sent: Monday, December 24, 2012 7:39 PM
> Subject: [V4Protocol] What freq on 40 Meters?
>
>
>
> Maybe a redundant post/question, but what frequency are people testing V4 on down on 40 meters.
>

3028. Flex...delay

Yahoo group: V4Protocol
Date: 2012-12-25 01:34:12 UTC
From: palmdalesteve
Topic: 3028 Message: 3028

All

I'm seeing about 380ms on delay with my Flex 3000 when calling CQ. Went through all the stuff in the help files, is there a some sort of magic that you have to do to the delays down?

I am running Virtual Serial Port instead of the COM0 stuff as this program runs native under Windows 64 as a signed program.

Thanks

3029. Re: [V4Protocol] 40M sigs

Yahoo group: V4Protocol
Date: 2012-12-25 01:34:31 UTC
From: Dick Lamberson
Topic: 3022 Message: 3029

I heard you and N6CRR but too much qrm nearby to allow a connect.
73,
Dick

----- Original Message -----
From: WD9DUI
To: V4Protocol@yahoogroups.com
Sent: Monday, December 24, 2012 8:06 PM
Subject: Re: [V4Protocol] 40M sigs

See a signal but it is weak here on the left coast....
Gary

From: Andrew O'Brien
Sent: Monday, December 24, 2012 4:57 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: What freq on 40 Meters?

Someone there now, 7073

On Mon, Dec 24, 2012 at 7:55 PM, palmdalesteve <se.oneal@...> wrote:

Thanks, I've give that try.

--- In mailto:V4Protocol%40yahoogroups.com, "Dick Lamberson" <w4web@...> wrote:
>
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>
>
> ----- Original Message -----
> From: palmdalesteve
> To: mailto:V4Protocol%40yahoogroups.com
> Sent: Monday, December 24, 2012 7:39 PM
> Subject: [V4Protocol] What freq on 40 Meters?
>
>
>
> Maybe a redundant post/question, but what frequency are people testing V4 on down on 40 meters.
>

3030. Re: [V4Protocol] 40M sigs

Yahoo group: V4Protocol
Date: 2012-12-25 01:34:55 UTC
From: Steve Michaels
Topic: 3022 Message: 3030

onitoring and calling CQ now...

de N4AY

On Mon, Dec 24, 2012 at 7:06 PM, WD9DUI <wd9dui@...> wrote:

> **
>
>
> See a signal but it is weak here on the left coast....
> Gary
>
> *From:* Andrew O'Brien <k3ukandy@...>
> *Sent:* Monday, December 24, 2012 4:57 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Re: What freq on 40 Meters?
>
>
>
> Someone there now, 7073
>
> On Mon, Dec 24, 2012 at 7:55 PM, palmdalesteve <se.oneal@...> wrote:
>
>> **
>>
>>
>> Thanks, I've give that try.
>>
>> --- In mailto:V4Protocol%40yahoogroups.com <V4Protocol%40yahoogroups.com>,
>> "Dick Lamberson" <w4web@...> wrote:
>> >
>> > try 7073
>> >
>> >
>> > ----- Original Message -----
>> > From: palmdalesteve
>> > To: mailto:V4Protocol%40yahoogroups.com <V4Protocol%40yahoogroups.com>
>> > Sent: Monday, December 24, 2012 7:39 PM
>> > Subject: [V4Protocol] What freq on 40 Meters?
>> >
>> >
>> >
>> > Maybe a redundant post/question, but what frequency are people testing
>> V4 on down on 40 meters.
>> >
>>

>>
>
>

3031. Re: [V4Protocol] 40M sigs

Yahoo group: V4Protocol
Date: 2012-12-25 01:35:17 UTC
From: Steve Michaels
Topic: 3022 Message: 3031

RRR

On Mon, Dec 24, 2012 at 7:34 PM, Dick Lamberson <w4web@...> wrote:

> **
>
>
> **
> I heard you and N6CRR but too much qrm nearby to allow a connect.
> 73,
> Dick
>
>
> ----- Original Message -----
> *From:* WD9DUI <wd9dui@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Monday, December 24, 2012 8:06 PM
> *Subject:* Re: [V4Protocol] 40M sigs
>
>
>
> See a signal but it is weak here on the left coast....
> Gary
>
> *From:* Andrew O'Brien <k3ukandy@...>
> *Sent:* Monday, December 24, 2012 4:57 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Re: What freq on 40 Meters?
>
>
>
> Someone there now, 7073
>
> On Mon, Dec 24, 2012 at 7:55 PM, palmdalesteve <se.oneal@...> wrote:
>
>> **
>>
>>
>> Thanks, I've give that try.
>>
>> --- In mailto:V4Protocol%40yahoogroups.com <V4Protocol%40yahoogroups.com>,
>> "Dick Lamberson" <w4web@...> wrote:
>> >
>> > try 7073
>> >

>> >
>> > ----- Original Message -----
>> > From: palmdalesteve
>> > To: mailto:V4Protocol%40yahoogroups.com <V4Protocol%40yahoogroups.com>
>> > Sent: Monday, December 24, 2012 7:39 PM
>> > Subject: [V4Protocol] What freq on 40 Meters?
>> >
>> >
>> >
>> > Maybe a redundant post/question, but what frequency are people testing
>> V4 on down on 40 meters.
>> >
>>
>>
>
>

3032. Re: [V4Protocol] Flex...delay

Yahoo group: V4Protocol
Date: 2012-12-25 01:38:35 UTC
From: wb0kgn@q.com
Topic: 3028 Message: 3032

On my TS480sat, I discovered that there was a vox delay that affected "everything". Digimodes, c.w., and everything. Adjusting that made a big difference.

Dave wb0kgn

----- Original Message -----
From: "palmdalesteve" <se.oneal@...>
To: V4Protocol@yahoogroups.com
Sent: Monday, December 24, 2012 7:34:12 PM
Subject: [V4Protocol] Flex...delay

All

I'm seeing about 380ms on delay with my Flex 3000 when calling CQ. Went through all the stuff in the help files, is there a some sort of magic that you have to do to the delays down?

I am running Virtual Serial Port instead of the COM0 stuff as this program runs native under Windows 64 as a signed program.

Thanks

3033. Re: 40M sigs

Yahoo group: V4Protocol
Date: 2012-12-25 01:42:33 UTC
From: palmdalesteve
Topic: 3022 Message: 3033

Dave

Thanks, going to have to sort out a TX/RX delay issue on my Flex lashup. Not sure what is going on, but I'm up in the 350 ms range, which is about 100 ms too much. I do appreciate the report.

--- In V4Protocol@yahoogroups.com, "Dick Lamberson" <w4web@...> wrote:
>
> I heard you and N6CRR but too much qrm nearby to allow a connect.
> 73,
> Dick
>
> ----- Original Message -----
> From: WD9DUI
> To: V4Protocol@yahoogroups.com
> Sent: Monday, December 24, 2012 8:06 PM
> Subject: Re: [V4Protocol] 40M sigs
>
>
>
>
> See a signal but it is weak here on the left coast....
> Gary
>
> From: Andrew O'Brien
> Sent: Monday, December 24, 2012 4:57 PM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Re: What freq on 40 Meters?
>
>
>
> Someone there now, 7073
>
>
> On Mon, Dec 24, 2012 at 7:55 PM, palmdalesteve <se.oneal@...> wrote:
>
>
> Thanks, I've give that try.
>
>
>
> --- In mailto:V4Protocol%40yahoogroups.com, "Dick Lamberson" <w4web@> wrote:
> >
> > try 7073
> >

> >
> > ----- Original Message -----
> > From: palmdalesteve
> > To: mailto:V4Protocol%40yahoogroups.com
> > Sent: Monday, December 24, 2012 7:39 PM
> > Subject: [V4Protocol] What freq on 40 Meters?
> >
> >
> >
> > Maybe a redundant post/question, but what frequency are people testing V4 on down on 40 meters.
> >
>

3034. Re: [V4Protocol] Re: 40M sigs

Yahoo group: V4Protocol
Date: 2012-12-25 01:47:52 UTC
From: wb0kgn@q.com
Topic: 3022 Message: 3034

Allow me to share my ignorance. While the TS480 is designed to use (digital) vox for digimodes, some software will also issue a software command to key the ptt line. DM780 for example. Flex is way too complicated for me.

Dave

----- Original Message -----
From: "palmdalesteve" <se.oneal@...m>
To: V4Protocol@yahoogroups.com
Sent: Monday, December 24, 2012 7:42:33 PM
Subject: [V4Protocol] Re: 40M sigs

Dave

Thanks, going to have to sort out a TX/RX delay issue on my Flex lashup. Not sure what is going on, but I'm up in the 350 ms range, which is about 100 ms too much. I do appreciate the report.

--- In V4Protocol@yahoogroups.com , "Dick Lamberson" <w4web@...> wrote:
>
> I heard you and N6CRR but too much qrm nearby to allow a connect.
> 73,
> Dick
>
> ----- Original Message -----
> From: WD9DUI
> To: V4Protocol@yahoogroups.com
> Sent: Monday, December 24, 2012 8:06 PM
> Subject: Re: [V4Protocol] 40M sigs
>
>
>
>
> See a signal but it is weak here on the left coast....
> Gary
>
> From: Andrew O'Brien
> Sent: Monday, December 24, 2012 4:57 PM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Re: What freq on 40 Meters?
>
>
>
> Someone there now, 7073
>
>

> On Mon, Dec 24, 2012 at 7:55 PM, palmdalesteve <se.oneal@...> wrote:
>
>
> Thanks, I've give that try.
>
>
>
> --- In mailto:V4Protocol%40yahoogroups.com, "Dick Lamberson" <w4web@> wrote:
> >
> > try 7073
> >
> >
> > ----- Original Message -----
> > From: palmdalesteve
> > To: mailto:V4Protocol%40yahoogroups.com
> > Sent: Monday, December 24, 2012 7:39 PM
> > Subject: [V4Protocol] What freq on 40 Meters?
> >
> >
> >
> > Maybe a redundant post/question, but what frequency are people testing V4 on down on 40 meters.
> >
>

3035. 20 and 40 meters

Yahoo group: V4Protocol
Date: 2012-12-25 02:26:30 UTC
From: Paul Harris
Topic: 3035 Message: 3035

Heard WB6JFH,N4AY,KF7ONI on 20 meters 22:37 utc.
Heard N4AY on 40, Trouble is they couldnt hear me, I ran kit up to 50 watts and had RF freeze computer.
Paul KB2VEC.

3036. Re: [V4Protocol] 20 and 40 meters

Yahoo group: V4Protocol
Date: 2012-12-25 02:39:46 UTC
From: Ron Wenig
Topic: 3035 Message: 3036

I'm on 40 now calling CQ.

Ron ny3j

On 12/24/2012 9:26 PM, Paul Harris wrote:
> Heard WB6JFH,N4AY,KF7ONI on 20 meters 22:37 utc.
> Heard N4AY on 40, Trouble is they couldnt hear me, I ran kit up to
> 50 watts and had RF freeze computer.
> Paul KB2VEC.
>

3037. Re: [V4Protocol] 20 and 40 meters

Yahoo group: V4Protocol
Date: 2012-12-25 03:10:55 UTC
From: Ron Wenig
Topic: 3035 Message: 3037

Steve, N4AY,

We had a good connection there and you had a nice strong s9 clean signal. When you were sending your file after the 6th line we lost connection. I heard your retries but I was not responding. After it timed out I tried to reconnect with you but no success. Thanks for the QSO. I haven't been on V4 Chat in a while and it was good connecting with you. This is a great mode and I wish there was more activity.

Ron ny3j

On 12/24/2012 9:39 PM, Ron Wenig wrote:
>
> I'm on 40 now calling CQ.
>
> Ron ny3j
>
> On 12/24/2012 9:26 PM, Paul Harris wrote:
>> Heard WB6JFH,N4AY,KF7ONI on 20 meters 22:37 utc.
>> Heard N4AY on 40, Trouble is they couldnt hear me, I ran kit up to
>> 50 watts and had RF freeze computer.
>> Paul KB2VEC.
>
>

3038. Re: [V4Protocol] 20 and 40 meters

Yahoo group: V4Protocol
Date: 2012-12-25 04:03:05 UTC
From: WD9DUI
Topic: 3035 Message: 3038

only sig on 40M was NY3J

Gary

From: Ron Wenig
Sent: Monday, December 24, 2012 7:10 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] 20 and 40 meters

Steve, N4AY,

We had a good connection there and you had a nice strong s9 clean signal. When you were sending your file after the 6th line we lost connection. I heard your retries but I was not responding. After it timed out I tried to reconnect with you but no success. Thanks for the QSO. I haven't been on V4 Chat in a while and it was good connecting with you. This is a great mode and I wish there was more activity.

Ron ny3j

3039. RE: [V4Protocol] Flex...delay

Yahoo group: V4Protocol
Date: 2012-12-25 12:02:05 UTC
From: Kirk
Topic: 3028 Message: 3039

I run V4 using my 5000 and have no problem with delay. First off, within PWSDR setup, be sure you set latency to 0. Do this in both the General tab as well as Audio/VAC tab. I run all buffers at 1024 but this is somewhat dependent upon the type of computer you are using. I'm using an I7 running Win7 Ultimate. X64. With my setup, I see anywhere from 35ms to 135ms V4 latency. If you continue to have problems send me a direct email and include your telephone number along with a good time to contact you. I'll talk you through the setup. Email address is in QRZ.

Merry Christmas,

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of palmdalesteve
Sent: Monday, December 24, 2012 7:34 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Flex...delay

All

I'm seeing about 380ms on delay with my Flex 3000 when calling CQ. Went through all the stuff in the help files, is there a some sort of magic that you have to do to the delays down?

I am running Virtual Serial Port instead of the COM0 stuff as this program runs native under Windows 64 as a signed program.

Thanks

3040. Re: Flex...delay

Yahoo group: V4Protocol
Date: 2012-12-25 16:47:49 UTC
From: palmdalesteve
Topic: 3028 Message: 3040

Kirk

Thanks, that was it, my latency in VAC was set to something outehr than 0. Set to 0 and fixed my issue.

--- In V4Protocol@yahoogroups.com, "Kirk" <kirk.harding@...> wrote:
>
> I run V4 using my 5000 and have no problem with delay. First off, within
> PWSDR setup, be sure you set latency to 0. Do this in both the General tab
> as well as Audio/VAC tab. I run all buffers at 1024 but this is somewhat
> dependent upon the type of computer you are using. I'm using an I7 running
> Win7 Ultimate. X64. With my setup, I see anywhere from 35ms to 135ms V4
> latency. If you continue to have problems send me a direct email and
> include your telephone number along with a good time to contact you. I'll
> talk you through the setup. Email address is in QRZ.
>
>
>
> Merry Christmas,
>
>
>
> Kirk, K6KAR
>
> Niceville, FL
>
>
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of palmdalesteve
> Sent: Monday, December 24, 2012 7:34 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Flex...delay
>
>
>
>
>
>
> All
>
> I'm seeing about 380ms on delay with my Flex 3000 when calling CQ. Went
> through all the stuff in the help files, is there a some sort of magic that
> you have to do to the delays down?

>
> I am running Virtual Serial Port instead of the COM0 stuff as this program
> runs native under Windows 64 as a signed program.
>
> Thanks
>

3041. RE: [V4Protocol] Re: Flex...delay

Yahoo group: V4Protocol
Date: 2012-12-25 16:54:56 UTC
From: Kirk
Topic: 3028 Message: 3041

OK, glad you got it fixed. Bye the way, please include your name and call.

Thanks,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of palmdalesteve
Sent: Tuesday, December 25, 2012 10:48 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Flex...delay

Kirk

Thanks, that was it, my latency in VAC was set to something outehr than 0. Set to 0 and fixed my issue.

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> , "Kirk" <kirk.harding@...> wrote:
>
> I run V4 using my 5000 and have no problem with delay. First off, within
> PWSDR setup, be sure you set latency to 0. Do this in both the General tab
> as well as Audio/VAC tab. I run all buffers at 1024 but this is somewhat
> dependent upon the type of computer you are using. I'm using an I7 running
> Win7 Ultimate. X64. With my setup, I see anywhere from 35ms to 135ms V4
> latency. If you continue to have problems send me a direct email and
> include your telephone number along with a good time to contact you. I'll
> talk you through the setup. Email address is in QRZ.
>
>
>
> Merry Christmas,
>
>
>
> Kirk, K6KAR
>
> Niceville, FL
>
>
>
>
>
> From: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
[mailto:V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>]
On

> Behalf Of palmdalesteve
> Sent: Monday, December 24, 2012 7:34 PM
> To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> Subject: [V4Protocol] Flex...delay
>
>
>
>
>
> All
>
> I'm seeing about 380ms on delay with my Flex 3000 when calling CQ. Went
> through all the stuff in the help files, is there a some sort of magic
that
> you have to do to the delays down?
>
> I am running Virtual Serial Port instead of the COM0 stuff as this program
> runs native under Windows 64 as a signed program.
>
> Thanks
>

3042. Re: Flex...delay

Yahoo group: V4Protocol
Date: 2012-12-25 17:18:00 UTC
From: palmdalesteve
Topic: 3028 Message: 3042

Kirk

Thanks again for the help.

Steve N6CRR

--- In V4Protocol@yahoogroups.com, "Kirk" <kirk.harding@...> wrote:
>
> OK, glad you got it fixed. Bye the way, please include your name and call.
>
>
>
> Thanks,
>
>
>
> Kirk, K6KAR
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of palmdalesteve
> Sent: Tuesday, December 25, 2012 10:48 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Flex...delay
>
>
>
>
>
>
>
> Kirk
>
> Thanks, that was it, my latency in VAC was set to something outehr than 0.
> Set to 0 and fixed my issue.
>
> --- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> ,
> "Kirk" <kirk.harding@> wrote:
> >
> > I run V4 using my 5000 and have no problem with delay. First off, within
> > PWSDR setup, be sure you set latency to 0. Do this in both the General tab
> > as well as Audio/VAC tab. I run all buffers at 1024 but this is somewhat
> > dependent upon the type of computer you are using. I'm using an I7 running
> > Win7 Ultimate. X64. With my setup, I see anywhere from 35ms to 135ms V4
> > latency. If you continue to have problems send me a direct email and
> > include your telephone number along with a good time to contact you. I'll
> > talk you through the setup. Email address is in QRZ.

> >
> >
> >
> > Merry Christmas,
> >
> >
> >
> > Kirk, K6KAR
> >
> > Niceville, FL
> >
> >
> >
> >
> >
> > From: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> [mailto:V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>]
> On
> > Behalf Of palmdalesteve
> > Sent: Monday, December 24, 2012 7:34 PM
> > To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > Subject: [V4Protocol] Flex...delay
> >
> >
> >
> >
> >
> > All
> >
> > I'm seeing about 380ms on delay with my Flex 3000 when calling CQ. Went
> > through all the stuff in the help files, is there a some sort of magic
> that
> > you have to do to the delays down?
> >
> > I am running Virtual Serial Port instead of the COM0 stuff as this program
> > runs native under Windows 64 as a signed program.
> >
> > Thanks
> >
>

3043. Re: [V4Protocol] 20 and 40 meters

Yahoo group: V4Protocol
Date: 2012-12-26 03:02:32 UTC
From: Leo yudysky
Topic: 3035 Message: 3043

Paul,
I had that problem before too!!
What kind of tuner do you have?
Do you have ferrite rings on all leads to your computer?
I changed out my old tuner , a Kenwood tapped coil, AT180 with a Palstar AT4k, I believe it cured it for me...
Leo
kf7oni
Whitefish, Mt.
p.s. thanks for the post as I was wondering why I couldn't find you that day.

From: Paul Harris <kb2vec@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Monday, December 24, 2012 7:26 PM
Subject: [V4Protocol] 20 and 40 meters

Heard WB6JFH,N4AY,KF7ONI on 20 meters 22:37 utc.
Heard N4AY on 40, Trouble is they couldnt hear me, I ran kit up to 50 watts and had RF freeze computer.
Paul KB2VEC.

3044. Christmas day sigs

Yahoo group: V4Protocol
Date: 2012-12-26 04:27:13 UTC
From: WD9DUI
Topic: 3028 Message: 3044

```
*** CONNECT REQUEST CQ de K0WL @ 2012/12/25 20:53:00.932
connected, but think due to poor condx no data passed?
Gary
```

3045. Re: [V4Protocol] 20 and 40 meters

Yahoo group: V4Protocol
Date: 2012-12-26 12:08:23 UTC
From: Paul Harris
Topic: 3035 Message: 3045

Leo, No ferrite beads just coil wire into air choke, the tuner is a MFJ 945E mobile tuner and the rig is a Yaesu 897D. Antenna is a end fed 24 ft long sloper. As long as I stay at 40 watts or lower nothing happens. But you know if enough is good more is better. Paul

---

From: Leo yudysky <lyudysky@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Tuesday, December 25, 2012 10:02 PM
Subject: Re: [V4Protocol] 20 and 40 meters

Paul,
I had that problem before too!!
What kind of tuner do you have?
Do you have ferrite rings on all leads to your computer?
I changed out my old tuner , a Kenwood tapped coil, AT180 with a Palstar AT4k, I believe it cured it for me...
Leo
kf7oni
Whitefish, Mt.
p.s. thanks for the post as I was wondering why I couldn't find you that day.

From: Paul Harris <kb2vec@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Monday, December 24, 2012 7:26 PM
Subject: [V4Protocol] 20 and 40 meters

Heard WB6JFH,N4AY,KF7ONI on 20 meters 22:37 utc.
Heard N4AY on 40, Trouble is they couldnt hear me, I ran kit up to 50 watts and had RF freeze computer.
Paul KB2VEC.

3046. Re: [V4Protocol] 20 and 40 meters

Yahoo group: V4Protocol
Date: 2012-12-26 18:47:16 UTC
From: wb0kgn@q.com
Topic: 3035 Message: 3046

Grounding?? Does the system have the equivalent of a counterpoise??
Dave wb0kgn

----- Original Message -----
From: "Paul Harris" <kb2vec@...>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 26, 2012 6:08:23 AM
Subject: Re: [V4Protocol] 20 and 40 meters

Leo, No ferrite beads just coil wire into air choke, the tuner is a MFJ 945E mobile tuner and the rig is a Yaesu 897D. Antenna is a end fed 24 ft long sloper. As long as I stay at 40 watts or lower nothing happens. But you know if enough is good more is better. Paul

From: Leo yudysky <lyudysky@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Tuesday, December 25, 2012 10:02 PM
Subject: Re: [V4Protocol] 20 and 40 meters

Paul,
I had that problem before too!!
What kind of tuner do you have?
Do you have ferrite rings on all leads to your computer?
I changed out my old tuner , a Kenwood tapped coil, AT180 with a Palstar AT4k, I believe it cured it for me...
Leo
kf7oni
Whitefish, Mt.
p.s. thanks for the post as I was wondering why I couldn't find you that day.

From: Paul Harris <kb2vec@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Monday, December 24, 2012 7:26 PM
Subject: [V4Protocol] 20 and 40 meters

Heard WB6JFH,N4AY,KF7ONI on 20 meters 22:37 utc.
Heard N4AY on 40, Trouble is they couldnt hear me, I ran kit up to 50 watts and had RF freeze computer.
Paul KB2VEC.

3047. V4Protocol and WIN 8

Yahoo group: V4Protocol
Date: 2012-12-26 20:05:19 UTC
From: David Boland
Topic: 3035 Message: 3047

I currently run XP Pro and my kids are here for Christmas and are
recommending I bite the bullet and go to Win 8. I am not currently operating on V4
but have it installed and would like to be able to operate
When Win 8 comments have been on the reflectors I'm on I ignored since I
never expected to go there

Dave W9NWY

3048. Re: [V4Protocol] V4Protocol and WIN 8

Yahoo group: V4Protocol
Date: 2012-12-26 20:33:28 UTC
From: Leo yudysky
Topic: 3035 Message: 3048

David w9nwy
I have Win 7 on this laptop and it works fine, I've heard Win 8 is no great gain over 7 but if your way back in Xp or something it would be good to do. I've shed alot of problems since upgrading, use to have rf reboots every few minutes , since then I replace the laptop, put ferrite rings on everything, got a new tuner so that I can get the swr down flat. It seems the tapped coil type tuners just don't get your swr down as well, just my observation.
Hope you get some more input on your idea....
Leo
kf7oni
Whitefish, Montana

From: David Boland <w9nwy@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Wednesday, December 26, 2012 1:05 PM
Subject: [V4Protocol] V4Protocol and WIN 8

I currently run XP Pro and my kids are here for Christmas and are
recommending I bite the bullet and go to Win 8. I am not currently operating on V4
but have it installed and would like to be able to operate
When Win 8 comments have been on the reflectors I'm on I ignored since I
never expected to go there

Dave W9NWY

3049. Re: [V4Protocol] V4Protocol and WIN 8

Yahoo group: V4Protocol
Date: 2012-12-26 21:12:42 UTC
From: Ron Wenig
Topic: 3035 Message: 3049

I just installed V4 Chat on my new Windows 8 machine and it works fine.
I installed a program called Start8 and it looks just like Windows 7
with the start bar. When you install V4 Chat it will warn you against
installing it. Be sure to click details and then ok to install it. It
will install in the root directory so you don't have to worry about
being in a protected directory like program files.

Ron ny3j

On 12/26/2012 3:33 PM, Leo yudysky wrote:
> David w9nwy
> I have Win 7 on this laptop and it works fine, I've heard Win 8 is no
> great gain over 7 but if your way back in Xp or something it would be
> good to do. I've shed alot of problems since upgrading, use to have rf
> reboots every few minutes , since then I replace the laptop, put
> ferrite rings on everything, got a new tuner so that I can get the swr
> down flat. It seems the tapped coil type tuners just don't get your
> swr down as well, just my observation.
> Hope you get some more input on your idea....
> Leo
> kf7oni
> Whitefish, Montana
>
> *From:* David Boland <w9nwy@...>
> *To:* "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
> *Sent:* Wednesday, December 26, 2012 1:05 PM
> *Subject:* [V4Protocol] V4Protocol and WIN 8
>
> I currently run XP Pro and my kids are here for Christmas and are
> recommending I bite the bullet and go to Win 8. I am not currently
> operating on V4
> but have it installed and would like to be able to operate
> When Win 8 comments have been on the reflectors I'm on I ignored since I
> never expected to go there
> Dave W9NWY
>
>

3050. Re: [V4Protocol] 20 and 40 meters

Yahoo group: V4Protocol
Date: 2012-12-27 00:19:59 UTC
From: Leo yudysky
Topic: 3035 Message: 3050

Dave, wb0kgn
That's an excellent point you bring up about a counterpoise for that type of antenna, right on the money. Just bet he is getting rf back into the shack, it has all the symptoms doesn't it?
My wife has a simple DXLB 160-10 dipole and it doesn't take much real estate and works great, very do-able. I have it top hat style or level , I would have liked to droop the ends for better lower angle take off but I didn't want to have any ground obstacles. Even my back guys for my tower I put up 6 feet to keep the deer from hanging themselves.
Leo kf7oni

From: "wb0kgn@..." <wb0kgn@...>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 26, 2012 11:47 AM
Subject: Re: [V4Protocol] 20 and 40 meters

Grounding?? Does the system have the equivalent of a counterpoise??
Dave wb0kgn

From: "Paul Harris" <kb2vec@...>To: V4Protocol@yahoogroups.comSent: Wednesday, December 26, 2012 6:08:23 AMSubject: Re: [V4Protocol] 20 and 40 meters
Leo, No ferrite beads just coil wire into air choke, the tuner is a MFJ 945E mobile tuner and the rig is a Yaesu 897D. Antenna is a end fed 24 ft long sloper. As long as I stay at 40 watts or lower nothing happens. But you know if enough is good more is better. Paul

---
From: Leo yudysky <lyudysky@yahoo.com>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Tuesday, December 25, 2012 10:02 PM
Subject: Re: [V4Protocol] 20 and 40 meters

Paul,
I had that problem before too!!
What kind of tuner do you have?
Do you have ferrite rings on all leads to your computer?
I changed out my old tuner , a Kenwood tapped coil, AT180 with a Palstar AT4k, I believe it cured it for me...
Leo
kf7oni
Whitefish, Mt.
p.s. thanks for the post as I was wondering why I couldn't find you that day.

From: Paul Harris <kb2vec@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>

Sent: Monday, December 24, 2012 7:26 PM
Subject: [V4Protocol] 20 and 40 meters

Heard WB6JFH,N4AY,KF7ONI on 20 meters 22:37 utc.
Heard N4AY on 40, Trouble is they couldnt hear me, I ran kit up to 50 watts and had RF freeze computer.
Paul KB2VEC.

3051. Re: [V4Protocol] 20 and 40 meters

Yahoo group: V4Protocol
Date: 2012-12-27 01:08:39 UTC
From: wb0kgn@q.com
Topic: 3035 Message: 3051

I have four guys for my tower. Two are used also for 40 meter inverted vee, and tow for 80 meter inverted vee. I used three eights inch stainless steel cable and compression insulators. Two of the guys are held up with three inch caste iron water pipe 20 feet long. I couldn't handle a 20 foot section of pipe, so I had it cut and used pipe unions. I put a 10 foot section in the ground using a water hose down the inside of the pipe. This left a hole double the diameter needed for the pipe...so I filled it with concrete. Then I fastened the other ten feet.

Dave

----- Original Message -----
From: "Leo yudysky" <lyudysky@...>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 26, 2012 6:19:59 PM
Subject: Re: [V4Protocol] 20 and 40 meters

Dave, wb0kgn
That's an excellent point you bring up about a counterpoise for that type of antenna, right on the money. Just bet he is getting rf back into the shack, it has all the symptoms doesn't it?
My wife has a simple DXLB 160-10 dipole and it doesn't take much real estate and works great, very do-able. I have it top hat style or level , I would have liked to droop the ends for better lower angle take off but I didn't want to have any ground obstacles. Even my back guys for my tower I put up 6 feet to keep the deer from hanging themselves.
Leo kf7oni

From: "wb0kgn@..." <wb0kgn@...>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, December 26, 2012 11:47 AM
Subject: Re: [V4Protocol] 20 and 40 meters

Grounding?? Does the system have the equivalent of a counterpoise??
Dave wb0kgn
From: "Paul Harris" <kb2vec@...> To: V4Protocol@yahoogroups.com Sent: Wednesday, December 26, 2012 6:08:23 AM Subject: Re: [V4Protocol] 20 and 40 meters

Leo, No ferrite beads just coil wire into air choke, the tuner is a MFJ 945E mobile tuner and the rig is a Yaesu 897D. Antenna is a end fed 24 ft long sloper. As long as I stay at 40 watts or lower nothing happens. But you know if enough is good more is better. Paul

From: Leo yudysky <lyudysky@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Tuesday, December 25, 2012 10:02 PM
Subject: Re: [V4Protocol] 20 and 40 meters

Paul,
I had that problem before too!!

What kind of tuner do you have?
Do you have ferrite rings on all leads to your computer?
I changed out my old tuner , a Kenwood tapped coil, AT180 with a Palstar AT4k, I believe it cured it for me...
Leo
kf7oni
Whitefish, Mt.
p.s. thanks for the post as I was wondering why I couldn't find you that day.

From: Paul Harris <kb2vec@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Monday, December 24, 2012 7:26 PM
Subject: [V4Protocol] 20 and 40 meters

Heard WB6JFH,N4AY,KF7ONI on 20 meters 22:37 utc.
Heard N4AY on 40, Trouble is they couldnt hear me, I ran kit up to 50 watts and had RF freeze computer.
Paul KB2VEC.

3052. New User Questions!

Yahoo group: V4Protocol
Date: 2013-01-13 23:14:47 UTC
From: kk4lac@rocketmail.com
Topic: 3052 Message: 3052

I have V4Chat up and running - Windows 7, SignaLink USB, into a Yaesu FT-897D. I'm excited about trying this new mode out. Tried sending and ARQ - CQ several times but didn't see a response yet. I read through the help documentation, but didn't see anything specific about operating in the mode.

I noted the posts about frequencies in the group postings. Does everyone expect most V4 traffic to be on 7.073-7.074 or 14.073-14.074 centered on 1500Hz? Are there other common V4 areas on other bands?

I notice that the V4 Chat app 1.0.4.0 is preset for 1500Hz. Is there a way through the app to adjust where you are on the waterfall as one might see in HRD or fldigi so you could find or "chase" a V4 QSO?

Are there any "nets" running on V4 so one might be able to test TX/RX? Does this mode allow you to monitor "traffic" between other stations or is it only Peer-To-Peer?

Thanks! Hope to hook up with spome of you guys to osee how this works. Especially interested in how this might be applied to ARES or Emergency Comms.

Bob
KK4LAC
North Georgia

3053. Re: [V4Protocol] New User Questions!

Yahoo group: V4Protocol
Date: 2013-01-13 23:37:22 UTC
From: Dick Lamberson
Topic: 3052 Message: 3053

Hi Bob - i could listen for you on 7073-7074 now until about 7 p.m. e.t. if you want to give it another try - it works very good for me.
73
Dick, w4web

----- Original Message -----
From: kk4lac@...
To: V4Protocol@yahoogroups.com
Sent: Sunday, January 13, 2013 6:14 PM
Subject: [V4Protocol] New User Questions!

I have V4Chat up and running - Windows 7, SignaLink USB, into a Yaesu FT-897D. I'm excited about trying this new mode out. Tried sending and ARQ - CQ several times but didn't see a response yet. I read through the help documentation, but didn't see anything specific about operating in the mode.

I noted the posts about frequencies in the group postings. Does everyone expect most V4 traffic to be on 7.073-7.074 or 14.073-14.074 centered on 1500Hz? Are there other common V4 areas on other bands?

I notice that the V4 Chat app 1.0.4.0 is preset for 1500Hz. Is there a way through the app to adjust where you are on the waterfall as one might see in HRD or fldigi so you could find or "chase" a V4 QSO?

Are there any "nets" running on V4 so one might be able to test TX/RX? Does this mode allow you to monitor "traffic" between other stations or is it only Peer-To-Peer?

Thanks! Hope to hook up with spome of you guys to osee how this works. Especially interested in how this might be applied to ARES or Emergency Comms.

Bob
KK4LAC
North Georgia

3054. Re: New User Questions!

Yahoo group: V4Protocol
Date: 2013-01-14 00:27:56 UTC
From: kk4lac@rocketmail.com
Topic: 3052 Message: 3054

Great! Trying now. USB or Digital on the rig?

Bob - KK4LAC

--- In V4Protocol@yahoogroups.com, "Dick Lamberson" wrote:
>
> Hi Bob - i could listen for you on 7073-7074 now until about 7 p.m. e.t. if you want to give it another try - it works very good for me.
> 73
> Dick, w4web
>
> ----- Original Message -----
> From: kk4lac@...
> To: V4Protocol@yahoogroups.com
> Sent: Sunday, January 13, 2013 6:14 PM
> Subject: [V4Protocol] New User Questions!
>
>
>
> I have V4Chat up and running - Windows 7, SignaLink USB, into a Yaesu FT-897D. I'm excited about trying this new mode out. Tried sending and ARQ - CQ several times but didn't see a response yet. I read through the help documentation, but didn't see anything specific about operating in the mode.
>
> I noted the posts about frequencies in the group postings. Does everyone expect most V4 traffic to be on 7.073-7.074 or 14.073-14.074 centered on 1500Hz? Are there other common V4 areas on other bands?
>
> I notice that the V4 Chat app 1.0.4.0 is preset for 1500Hz. Is there a way through the app to adjust where you are on the waterfall as one might see in HRD or fldigi so you could find or "chase" a V4 QSO?
>
> Are there any "nets" running on V4 so one might be able to test TX/RX? Does this mode allow you to monitor "traffic" between other stations or is it only Peer-To-Peer?
>
> Thanks! Hope to hook up with spome of you guys to osee how this works. Especially interested in how this might be applied to ARES or Emergency Comms.
>
> Bob
> KK4LAC
> North Georgia
>

3055. Re: [V4Protocol] Re: New User Questions!

Yahoo group: V4Protocol
Date: 2013-01-14 00:34:20 UTC
From: Dick Lamberson
Topic: 3052 Message: 3055

Sorry, I was there only until 7 p.m. as my message stated. I use USB for digital modes. I'll be available most of the day and evening tomorrow if you need to set up a sked.
73,
Dick, W4WEB
----- Original Message -----
From: kk4lac@...
To: V4Protocol@yahoogroups.com
Sent: Sunday, January 13, 2013 7:27 PM
Subject: [V4Protocol] Re: New User Questions!

Great! Trying now. USB or Digital on the rig?

Bob - KK4LAC

--- In V4Protocol@yahoogroups.com, "Dick Lamberson" wrote:
>
> Hi Bob - i could listen for you on 7073-7074 now until about 7 p.m. e.t. if you want to give it another try - it works very good for me.
> 73
> Dick, w4web
>
> ----- Original Message -----
> From: kk4lac@...
> To: V4Protocol@yahoogroups.com
> Sent: Sunday, January 13, 2013 6:14 PM
> Subject: [V4Protocol] New User Questions!
>
>
>
> I have V4Chat up and running - Windows 7, SignaLink USB, into a Yaesu FT-897D. I'm excited about trying this new mode out. Tried sending and ARQ - CQ several times but didn't see a response yet. I read through the help documentation, but didn't see anything specific about operating in the mode.
>
> I noted the posts about frequencies in the group postings. Does everyone expect most V4 traffic to be on 7.073-7.074 or 14.073-14.074 centered on 1500Hz? Are there other common V4 areas on other bands?
>
> I notice that the V4 Chat app 1.0.4.0 is preset for 1500Hz. Is there a way through the app to adjust where you are on the waterfall as one might see in HRD or fldigi so you could find or "chase" a V4 QSO?
>
> Are there any "nets" running on V4 so one might be able to test TX/RX? Does this mode allow you to monitor "traffic" between other stations or is it only Peer-To-Peer?
>
> Thanks! Hope to hook up with spome of you guys to osee how this works. Especially

interested in how this might be applied to ARES or Emergency Comms.
>
> Bob
> KK4LAC
> North Georgia
>

3056. Re: New User Questions!

Yahoo group: V4Protocol
Date: 2013-01-14 00:34:31 UTC
From: kk4lac@rocketmail.com
Topic: 3052 Message: 3056

Never mind! You said "until 7" not "at 7". Thanks. Perhaps another time.

Bob, KK4LAC

--- In V4Protocol@yahoogroups.com, "kk4lac@..." wrote:
>
> Great! Trying now. USB or Digital on the rig?
>
> Bob - KK4LAC
>
> --- In V4Protocol@yahoogroups.com, "Dick Lamberson" wrote:
> >
> > Hi Bob - i could listen for you on 7073-7074 now until about 7 p.m. e.t. if you want to give it another try - it works very good for me.
> > 73
> > Dick, w4web
> >
> > ----- Original Message -----
> > From: kk4lac@
> > To: V4Protocol@yahoogroups.com
> > Sent: Sunday, January 13, 2013 6:14 PM
> > Subject: [V4Protocol] New User Questions!
> >
> >
> >
> > I have V4Chat up and running - Windows 7, SignaLink USB, into a Yaesu FT-897D. I'm excited about trying this new mode out. Tried sending and ARQ - CQ several times but didn't see a response yet. I read through the help documentation, but didn't see anything specific about operating in the mode.
> >
> > I noted the posts about frequencies in the group postings. Does everyone expect most V4 traffic to be on 7.073-7.074 or 14.073-14.074 centered on 1500Hz? Are there other common V4 areas on other bands?
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> > I notice that the V4 Chat app 1.0.4.0 is preset for 1500Hz. Is there a way through the app to adjust where you are on the waterfall as one might see in HRD or fldigi so you could find or "chase" a V4 QSO?
> >
> > Are there any "nets" running on V4 so one might be able to test TX/RX? Does this mode allow you to monitor "traffic" between other stations or is it only Peer-To-Peer?
> >
> > Thanks! Hope to hook up with spome of you guys to osee how this works. Especially interested in how this might be applied to ARES or Emergency Comms.
> >
> > Bob

> > KK4LAC
> > North Georgia
> >
>

3057. Re: [V4Protocol] Re: New User Questions!

Yahoo group: V4Protocol
Date: 2013-01-14 01:35:21 UTC
From: WD9DUI
Topic: 3052 Message: 3057

Ok will be looking for station on 7073, as on now... 5:35L
73
Gary wd9dui

From: kk4lac@...
Sent: Sunday, January 13, 2013 4:34 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: New User Questions!

Never mind! You said "until 7" not "at 7". Thanks. Perhaps another time.

Bob, KK4LAC

--- In V4Protocol@yahoogroups.com, "kk4lac@..." wrote:
>
> Great! Trying now. USB or Digital on the rig?
>
> Bob - KK4LAC
>
> --- In V4Protocol@yahoogroups.com, "Dick Lamberson" wrote:
> >
> > Hi Bob - i could listen for you on 7073-7074 now until about 7 p.m. e.t. if you want to give it another try - it works very good for me.
> > 73
> > Dick, w4web
> >
> > ----- Original Message -----
> > From: kk4lac@
> > To: V4Protocol@yahoogroups.com
> > Sent: Sunday, January 13, 2013 6:14 PM
> > Subject: [V4Protocol] New User Questions!
> >
> >
> >
> > I have V4Chat up and running - Windows 7, SignaLink USB, into a Yaesu FT-897D. I'm excited about trying this new mode out. Tried sending and ARQ - CQ several times but didn't see a response yet. I read through the help documentation, but didn't see anything specific about operating in the mode.
> >
> > I noted the posts about frequencies in the group postings. Does everyone expect most V4 traffic to be on 7.073-7.074 or 14.073-14.074 centered on 1500Hz? Are there other common V4 areas on other bands?
> >
> > I notice that the V4 Chat app 1.0.4.0 is preset for 1500Hz. Is there a way through the app to adjust where you are on the waterfall as one might see in HRD or fldigi so you could find or "chase" a V4 QSO?

> >
> > Are there any "nets" running on V4 so one might be able to test TX/RX? Does this mode allow you to monitor "traffic" between other stations or is it only Peer-To-Peer?
> >
> > Thanks! Hope to hook up with spome of you guys to osee how this works. Especially interested in how this might be applied to ARES or Emergency Comms.
> >
> > Bob
> > KK4LAC
> > North Georgia
> >
>

Yahoo! Groups Links

3058. 40M qso's

Yahoo group: V4Protocol
Date: 2013-01-14 02:22:58 UTC
From: WD9DUI
Topic: 3052 Message: 3058

CONTACTS:
WB6JFH
N7DUD

it does work!
73
Gary

From: WD9DUI
Sent: Sunday, January 13, 2013 5:35 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: New User Questions!

Ok will be looking for station on 7073, as on now... 5:35L
73
Gary wd9dui

3060. V4 now on 28073

Yahoo group: V4Protocol
Date: 2013-02-02 10:10:41 UTC
From: Juhani
Topic: 3060 Message: 3060

I'm QRV some hours. 73 Yussuf OH7TE

3061. QRV now 14073

Yahoo group: V4Protocol
Date: 2013-02-05 15:08:07 UTC
From: Juhani
Topic: 3061 Message: 3061

until 18 UTC

3062. Re: [V4Protocol] QRV now 14073

Yahoo group: V4Protocol
Date: 2013-02-05 16:10:06 UTC
From: Ron Wenig
Topic: 3061 Message: 3062

Hi Yussi,

Sorry I wasn't able to make a connect with you. I did see your connect request but your signal was light, but I did manage to wake a couple of people up :-)

Had nice qso with NR5G and W4WEB. We all were asking where all of the V4 activity was. It's really been quiet and V4 is such a fun mode to work. Thanks guys for the V4 contacts.

73, Ron ny3j

On 02/05/2013 10:08 AM, Juhani wrote:
>
> until 18 UTC
>
>

3063. Re: [V4Protocol] QRV now 14073

Yahoo group: V4Protocol
Date: 2013-02-05 21:50:47 UTC
From: Yussuf
Topic: 3061 Message: 3063

2013/2/5 Ron Wenig <rwenig@...>

> **
>
>
> Hi Yussi,
>
> Sorry I wasn't able to make a connect with you. I did see your connect
> request but your signal was light, but I did manage to wake a couple of
> people up :-)
>
> Had nice qso with NR5G and W4WEB. We all were asking where all of the V4
> activity was. It's really been quiet and V4 is such a fun mode to work.
> Thanks guys for the V4 contacts.
>
> 73, Ron ny3j
>
>
> On 02/05/2013 10:08 AM, Juhani wrote:
>
>
>
> until 18 UTC
>
>
>
>
>
Hi Ron et al,

I heard/copy abt "Phid... County.." but seem condx going down.
I use only OFCD and abt 500W out.
Tomorrow QRV again, I look at VOAPROP for good time enough and send info
again via V4 msg when QRV on 20 or 10m.

--
73 OH7TE "Yussuf"
*** JAWA dvoudobý - Česká mechanická muzika! ***

3064. Re: [V4Protocol] QRV now 14073

Yahoo group: V4Protocol
Date: 2013-02-05 23:16:47 UTC
From: WD9DUI
Topic: 3061 Message: 3064

will be on for a while looking for sigs...
Gary WD9DUI

From: Yussuf
Sent: Tuesday, February 05, 2013 1:50 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] QRV now 14073

2013/2/5 Ron Wenig <rwenig@verizon.net>

Hi Yussi,

Sorry I wasn't able to make a connect with you. I did see your connect request but your signal was light, but I did manage to wake a couple of people up :-)

Had nice qso with NR5G and W4WEB. We all were asking where all of the V4 activity was. It's really been quiet and V4 is such a fun mode to work. Thanks guys for the V4 contacts.

73, Ron ny3j

On 02/05/2013 10:08 AM, Juhani wrote:

3065. NO SIGS ON 14073 qsy to 40M

Yahoo group: V4Protocol
Date: 2013-02-06 01:28:19 UTC
From: WD9DUI
Topic: 3061 Message: 3065

Will try 7073 tonight...
Gary

From: WD9DUI
Sent: Tuesday, February 05, 2013 3:16 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] QRV now 14073

will be on for a while looking for sigs...
Gary WD9DUI

From: Yussuf
Sent: Tuesday, February 05, 2013 1:50 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] QRV now 14073

2013/2/5 Ron Wenig <rwenig@...>

Hi Yussi,

Sorry I wasn't able to make a connect with you. I did see your connect request but your signal was light, but I did manage to wake a couple of people up :-)

Had nice qso with NR5G and W4WEB. We all were asking where all of the V4 activity was. It's really been quiet and V4 is such a fun mode to work. Thanks guys for the V4 contacts.

73, Ron ny3j

On 02/05/2013 10:08 AM, Juhani wrote:

3066. V4 QRV again 12073

Yahoo group: V4Protocol
Date: 2013-02-06 10:15:42 UTC
From: Juhani
Topic: 3066 Message: 3066

Condx good to Europe, later to NA etc. 73 "Yussi" OH7TE

3067. Hrd toaday V4 14073

Yahoo group: V4Protocol
Date: 2013-02-06 15:37:38 UTC
From: Juhani
Topic: 3067 Message: 3067

GM4JYB, G3TAG, GM4ZQH, M6FUN. 73 Yussi OH7TE

3068. CQ CQ CQ 14073

Yahoo group: V4Protocol
Date: 2013-02-06 17:07:31 UTC
From: Ian Wade G3NRW
Topic: 3068 Message: 3068

Testing a new computer setup.

Please call me on 14073. The band is wide open.

--
73
Ian, G3NRW

3069. RE: [V4Protocol] CQ CQ CQ 14073

Yahoo group: V4Protocol
Date: 2013-02-06 17:22:39 UTC
From: dk3cw@...
Topic: 3068 Message: 3069

calling cq & monitoriong on 14073.

vy 73 de Jakob DK3CW

When All Else Fails, Ham Radio Works

-----Ursprüngliche Nachricht-----
Von: "Ian Wade G3NRW" [g3nrw-radio@ntlworld.com]
Gesendet: Mi. 06.02.2013 18:07
An: V4Protocol@yahoogroups.com
Betreff: [V4Protocol] CQ CQ CQ 14073

  Testing a new computer setup.

Please call me on 14073. The band is wide open.

--
73
Ian, G3NRW

-----Ursprüngliche Nachricht Ende-----

Alle Postfächer an einem Ort. Jetzt wechseln und E-Mail-Adresse mitnehmen! Rundum glücklich mit freenetMail

3070. CQ CQ CQ 14073

Yahoo group: V4Protocol
Date: 2013-02-07 00:50:50 UTC
From: WD9DUI
Topic: 3068 Message: 3070

will be on 20M for a while, no sigs seen yet....
Gary WD9DUI

3071. QRV V4 14073

Yahoo group: V4Protocol
Date: 2013-02-08 12:34:30 UTC
From: Juhani
Topic: 3071 Message: 3071

73 "Yussi" OH7TE

3072. Registering V4 and WINMOR

Yahoo group: V4Protocol
Date: 2013-02-12 15:03:55 UTC
From: SV1UY
Topic: 3072 Message: 3072

Hi all,

I decided to register my V4CHAT and WINMOR a few days ago and upon paying the fund I immediately got a reply with long strings for both programs and indeed they registered FB.

Now the problem In V4 everytime I run the program I get a message box called "Auto Registration" and the information in this box says "An email will be sent to Register your call and Registration in the V4 Registration data base."
I get this message box everytime I run V4 chat. I have no problems with the registration of WINMOR.

Any ideas please? Do I have to tick something in the program's settings?

Oh BTW, I am calling CQ V4 right now.

73 de Demetre SV1UY

3073. Re: [V4Protocol] Registering V4 and WINMOR

Yahoo group: V4Protocol
Date: 2013-02-12 15:29:26 UTC
From: Rick Muething
Topic: 3072 Message: 3073

Demetre,

Try this. In your V4Chat directory you will find a file called V4 TCN.ini. Open that up with a text editor (word pad etc)
Make sure the following two lines are in there:

Registration=53394087D12CF34431EB6BFEE1234556 <<< Put the registration hex code for YOUR call sign here if not already there

Registration Email Sent=True <<<< This should stop the popup

73,

Rick KN6KB

From: SV1UY
Sent: Tuesday, February 12, 2013 10:03 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Registering V4 and WINMOR

Hi all,

I decided to register my V4CHAT and WINMOR a few days ago and upon paying the fund I immediately got a reply with long strings for both programs and indeed they registered FB.

Now the problem In V4 everytime I run the program I get a message box called "Auto Registration" and the information in this box says "An email will be sent to Register your call and Registration in the V4 Registration data base."
I get this message box everytime I run V4 chat. I have no problems with the registration of WINMOR.

Any ideas please? Do I have to tick something in the program's settings?

Oh BTW, I am calling CQ V4 right now.

73 de Demetre SV1UY

3074. Re: Registering V4 and WINMOR

Yahoo group: V4Protocol
Date: 2013-02-12 15:43:46 UTC
From: SV1UY
Topic: 3072 Message: 3074

--- In V4Protocol@yahoogroups.com, "Rick Muething" wrote:
>
> Demetre,
>
> Try this. In your V4Chat directory you will find a file called V4 TCN.ini. Open that up with a text editor (word pad etc)
> Make sure the following two lines are in there:
>
>
> Registration=53394087D12CF34431EB6BFEE1234556 <<< Put the registration hex code for YOUR call sign here if not already there
>
> Registration Email Sent=True <<<< This should stop the popup
>
> 73,
>
> Rick KN6KB

Hi Rick,

The Registration line with the proper registration code for my callsign was there already, but not the Registration Email Sent=True line, so I just added it at the end of the file and this did the trick.

Thanks a lot.

73 de Demetre SV1UY

3075. Where to look for V4Chat

Yahoo group: V4Protocol
Date: 2013-02-13 06:29:00 UTC
From: nr5g
Topic: 3075 Message: 3075

Are there any other frequencies on 20 meters besides 14.073 where stations are hanging out when operating in V4chat Mode?

3076. Re: [V4Protocol] Where to look for V4Chat

Yahoo group: V4Protocol
Date: 2013-02-13 18:28:07 UTC
From: Leo yudysky
Topic: 3075 Message: 3076

Good question, I don't know of any channels on 20 meters either. 14.073 is pretty light on v4, I hear more Oliva and Feld Hell in there but usually its just off to the side. I've even had one Oliva qso land right on top of me and still maintained my qso on V4.

Leo
kf7oni
whitefish, mt.

From: nr5g <nr5g@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, February 12, 2013 11:29 PM
Subject: [V4Protocol] Where to look for V4Chat

Are there any other frequencies on 20 meters besides 14.073 where stations are hanging out when operating in V4chat Mode?

3077. (no subject)

Yahoo group: V4Protocol
Date: 2013-02-14 07:40:39 UTC
From: Ron Werthman
Topic: 3077 Message: 3077

http://www.pinocchio-pizza-pasta.de/ce/5u830774wq5abcz1.ek?p1uip1qcdufgxq4zljhfs5sc7l3m

3078. 30m Operating Frequency (Was: Re: LOTW)

Yahoo group: V4Protocol
Date: 2013-02-17 13:14:08 UTC
From: VE2HAR
Topic: 2893 Message: 3078

Hi Glenn,
I would like to have a sked on 30 meter for V4 mode.
Please let me know.
73 Bob, VE2HAR

--- In V4Protocol@yahoogroups.com, "Glenn L. Roeser" <hillbillietrace@...> wrote:
>
> Thanks James,
> I have been calling on 10.136 and 10.131 in the evening, but no contacts yet. I have had some success on 14.073 but the conditions have been very poor.
> I was told that the mode is gaining in popularity, so there should be more of a chance as time goes on.
> Very 73, Glenn WB2LMV
>
>
>
> >_____
> > From: james_nf8i <nf8i@...>
> >To: V4Protocol@yahoogroups.com
> >Sent: Thursday, August 9, 2012 9:06 AM
> >Subject: [V4Protocol] 30m Operating Frequency (Was: Re: LOTW)
> >
> >
> >Â
> >Glenn,
> >
> >There was a suggesting at one point to use 10.135, but I'm not really sure what people are using now.
> >
> >73 de NF8I,
> >
> >~James
> >
> >--- In V4Protocol@yahoogroups.com, "Glenn L. Roeser" <hillbillietrace@> wrote:
> >>
> >> Hello James,
> >> That's exactly right! Thank you explaining this. I also tried to upload the file to eQSL and I saw all my CQs were part of the file. That certainly won't stop me from using and enjoying this mode. I wonder James, do you know which frequency is used for V4 Chat on 30 meters? I tried both 10.131 and 10.136 but I'm not sure which is the most popular. I did see a signal on 10.136 last night but no matter what I did I could not decode it. I was thinking could that have been Winmor?
> >> Thanks again, very 73 Glenn
> >
> >

> >
> >
> >
>

3079. Re: [V4Protocol] 30m Operating Frequency (Was: Re: LOTW)

Yahoo group: V4Protocol
Date: 2013-02-17 13:56:29 UTC
From: Ron Wenig
Topic: 2893 Message: 3079

Bob,

I'm on 10.136, dial frequency, usb.

73, Ron ny3j

On 2/17/2013 8:14 AM, VE2HAR wrote:
>
> Hi Glenn,
> I would like to have a sked on 30 meter for V4 mode.
> Please let me know.
> 73 Bob, VE2HAR
>
> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>, "Glenn L. Roeser" wrote:
> >
> > Thanks James,
> > I have been calling on 10.136 and 10.131 in the evening, but no
> contacts yet. I have had some success on 14.073 but the conditions
> have been very poor.
> > I was told that the mode is gaining in popularity, so there should
> be more of a chance as time goes on.
> > Very 73, Glenn WB2LMV
> > >
> > >
> > >
> > > >_____
> > > From: james_nf8i
> > > >To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > > >Sent: Thursday, August 9, 2012 9:06 AM
> > > >Subject: [V4Protocol] 30m Operating Frequency (Was: Re: LOTW)
> > > >
> > > >
> > > >?
> > > >Glenn,
> > > >
> > > >There was a suggesting at one point to use 10.135, but I'm not
> really sure what people are using now.
> > > >
> > > >73 de NF8I,
> > > >
> > > >~James
> > > >
> > > >--- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>, "Glenn L. Roeser" wrote:
> > > >>

> > >> Hello James,
> > >> That's exactly right! Thank you explaining this. I also tried to
> upload the file to eQSL and I saw all my CQs were part of the file.
> That certainly won't stop me from using and enjoying this mode. I
> wonder James, do you know which frequency is used for V4 Chat on 30
> meters? I tried both 10.131 and 10.136 but I'm not sure which is the
> most popular. I did see a signal on 10.136 last night but no matter
> what I did I could not decode it. I was thinking could that have been
> Winmor?
> > >> Thanks again, very 73 Glenn
> > >
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>
>

3080. 30m Operating Frequency (Was: Re: LOTW)

Yahoo group: V4Protocol
Date: 2013-02-17 14:24:28 UTC
From: ON2AD
Topic: 2893 Message: 3080

Nothing to hear, because strong CW signal from IK3NWX/BEACON
Sri..

73 de Pat ON2AD

--- In V4Protocol@yahoogroups.com, Ron Wenig <rwenig@...> wrote:
>
> Bob,
>
> I'm on 10.136, dial frequency, usb.
>
> 73, Ron ny3j
>
> On 2/17/2013 8:14 AM, VE2HAR wrote:
> >
> > Hi Glenn,
> > I would like to have a sked on 30 meter for V4 mode.
> > Please let me know.
> > 73 Bob, VE2HAR
> >
> > --- In V4Protocol@yahoogroups.com
> > <mailto:V4Protocol%40yahoogroups.com>, "Glenn L. Roeser" wrote:
> > >
> > > Thanks James,
> > > I have been calling on 10.136 and 10.131 in the evening, but no
> > contacts yet. I have had some success on 14.073 but the conditions
> > have been very poor.
> > > I was told that the mode is gaining in popularity, so there should
> > be more of a chance as time goes on.
> > > Very 73, Glenn WB2LMV
> > >
> > >
> > >
> > >_____
> > > From: james_nf8i
> > >To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > >Sent: Thursday, August 9, 2012 9:06 AM
> > >Subject: [V4Protocol] 30m Operating Frequency (Was: Re: LOTW)
> > >
> > >
> > >Â
> > >Glenn,
> > >
> > >There was a suggesting at one point to use 10.135, but I'm not
> > really sure what people are using now.

> > > >
> > > >73 de NF8I,
> > > >
> > > >~James
> > > >
> > > >--- In V4Protocol@yahoogroups.com
> > <mailto:V4Protocol%40yahoogroups.com>, "Glenn L. Roeser" wrote:
> > > >>
> > > >> Hello James,
> > > >> That's exactly right! Thank you explaining this. I also tried to
> > upload the file to eQSL and I saw all my CQs were part of the file.
> > That certainly won't stop me from using and enjoying this mode. I
> > wonder James, do you know which frequency is used for V4 Chat on 30
> > meters? I tried both 10.131 and 10.136 but I'm not sure which is the
> > most popular. I did see a signal on 10.136 last night but no matter
> > what I did I could not decode it. I was thinking could that have been
> > Winmor?
> > > >> Thanks again, very 73 Glenn
> > > > >
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> > >
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3081. Re: [V4Protocol] 30m Operating Frequency (Was: Re: LOTW)

Yahoo group: V4Protocol
Date: 2013-02-17 14:37:50 UTC
From: Ron Wenig
Topic: 2893 Message: 3081

Thanks Pat. I guess the band is closed because I don't hear IK3NWX or anything else.

73, Ron ny3j

On 2/17/2013 9:24 AM, ON2AD wrote:
>
> Nothing to hear, because strong CW signal from IK3NWX/BEACON
> Sri..
>
> 73 de Pat ON2AD
>
> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>, Ron Wenig wrote:
> >
> > Bob,
> >
> > I'm on 10.136, dial frequency, usb.
> >
> > 73, Ron ny3j
> >
> > On 2/17/2013 8:14 AM, VE2HAR wrote:
> > >
> > > Hi Glenn,
> > > I would like to have a sked on 30 meter for V4 mode.
> > > Please let me know.
> > > 73 Bob, VE2HAR
> > >
> > > --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> > > , "Glenn L. Roeser" wrote:
> > > >
> > > > Thanks James,
> > > > I have been calling on 10.136 and 10.131 in the evening, but no
> > > contacts yet. I have had some success on 14.073 but the conditions
> > > have been very poor.
> > > > I was told that the mode is gaining in popularity, so there should
> > > be more of a chance as time goes on.
> > > > Very 73, Glenn WB2LMV
> > > >
> > > >
> > > >
> > > > >_____
> > > > From: james_nf8i
> > > >To: V4Protocol@yahoogroups.com

> <mailto:V4Protocol%40yahoogroups.com>
> > > > >Sent: Thursday, August 9, 2012 9:06 AM
> > > > >Subject: [V4Protocol] 30m Operating Frequency (Was: Re: LOTW)
> > > > >
> > > > >
> > > > >?
> > > > >Glenn,
> > > > >
> > > > >There was a suggesting at one point to use 10.135, but I'm not
> > > really sure what people are using now.
> > > > >
> > > > >73 de NF8I,
> > > > >
> > > > >~James
> > > > >
> > > > >--- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> > > , "Glenn L. Roeser" wrote:
> > > > >>
> > > > >> Hello James,
> > > > >> That's exactly right! Thank you explaining this. I also tried to
> > > upload the file to eQSL and I saw all my CQs were part of the file.
> > > That certainly won't stop me from using and enjoying this mode. I
> > > wonder James, do you know which frequency is used for V4 Chat on 30
> > > meters? I tried both 10.131 and 10.136 but I'm not sure which is the
> > > most popular. I did see a signal on 10.136 last night but no matter
> > > what I did I could not decode it. I was thinking could that have been
> > > Winmor?
> > > > >> Thanks again, very 73 Glenn
> > > > >
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3082. Re: [V4Protocol] 30m Operating Frequency (Was: Re: LOTW)

Yahoo group: V4Protocol
Date: 2013-02-18 06:07:38 UTC
From: Tom DF5JL
Topic: 2893 Message: 3082

Concerning to IARU Region 1 rules digital modes are specified from
10.140 to 10.150 kHz. Therefore 10.143 kHz would be much better and free
of any beacon or stations using cw. Pat, you'll find me @10.143 and
14.073 in V4chat mostly at weekends. But send me a mail for an
appointment if you like (et zijn 125 km tuissen onsere QTHs, ik denk dat
de 40m band optimaal wil werken. En 80m band antenna heb ik met end van
04/2013).

IARU is discussing to harmonize the 30m band in region 1, 2 and 3,
because 10 MHz allows "interregional" traffic at day and night.

73, tot ziens de tom df5jl

Am 17.02.13 15:37, schrieb Ron Wenig:
>
> Thanks Pat. I guess the band is closed because I don't hear IK3NWX or
> anything else.
>
> 73, Ron ny3j
>
> On 2/17/2013 9:24 AM, ON2AD wrote:
>>
>> Nothing to hear, because strong CW signal from IK3NWX/BEACON
>> Sri..
>>
>> 73 de Pat ON2AD
>>
>> --- In V4Protocol@yahoogroups.com
>> <mailto:V4Protocol%40yahoogroups.com>, Ron Wenig wrote:
>> >
>> > Bob,
>> >
>> > I'm on 10.136, dial frequency, usb.
>> >
>> > 73, Ron ny3j
>> >
>> > On 2/17/2013 8:14 AM, VE2HAR wrote:
>> > >
>> > > Hi Glenn,
>> > > I would like to have a sked on 30 meter for V4 mode.
>> > > Please let me know.
>> > > 73 Bob, VE2HAR
>> > >
>> > > --- In V4Protocol@yahoogroups.com
>> <mailto:V4Protocol%40yahoogroups.com>
>> > > , "Glenn L. Roeser" wrote:

>> > > >
>> > > > Thanks James,
>> > > > I have been calling on 10.136 and 10.131 in the evening, but no
>> > > contacts yet. I have had some success on 14.073 but the conditions
>> > > have been very poor.
>> > > > I was told that the mode is gaining in popularity, so there should
>> > > be more of a chance as time goes on.
>> > > > Very 73, Glenn WB2LMV
>>

3083. David Musgrave

Yahoo group: V4Protocol
Date: 2013-02-22 14:13:03 UTC
From: David Musgrave
Topic: 3083 Message: 3083

255);">rrabeqeeyzaiawzukaxgqiqstwllddscn

3084. 60 meters anyone ?

Yahoo group: V4Protocol
Date: 2013-02-24 11:25:18 UTC
From: g3xvl
Topic: 3084 Message: 3084

Anyone fancy trying V4Chat on 60 meters ?
I will be on this afternoon 24th Feb at 14:30 UTC
- USB dial 5364 kHz if clear.

Chris G3XVL Ipswich
JO02NB

3085. David Musgrave

Yahoo group: V4Protocol
Date: 2013-02-24 12:37:21 UTC
From: David Musgrave
Topic: 3083 Message: 3085

http://www.love2playwow.com/mpzyv/imn9v6v0ef18c6j5ly6.4e?byw3e52/24/2013 1:37:20 PMDavid Musgrave

3086. RE: [V4Protocol] 60 meters anyone ?

Yahoo group: V4Protocol
Date: 2013-02-24 13:07:13 UTC
From: Eugene Morgan
Topic: 3084 Message: 3086

Hi Chris,

I will be on 5364 kHz USB around 1430z.

Eugene / G4AIU

IO80jx

Wellington, Som.

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of g3xvl
Sent: 24 February 2013 11:25
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] 60 meters anyone ?

Anyone fancy trying V4Chat on 60 meters ?
I will be on this afternoon 24th Feb at 14:30 UTC
- USB dial 5364 kHz if clear.

Chris G3XVL Ipswich
JO02NB

3087. Re: [Bulk] RE: [V4Protocol] 60 meters anyone ?

Yahoo group: V4Protocol
Date: 2013-02-24 14:18:05 UTC
From: Alaster Bruce
Topic: 3084 Message: 3087

Hi Chris and Eugene

I will be on 5364

Alaster M1DFO

Manchester IO83vj

On 24 February 2013 13:07, Eugene Morgan <G4AIU@...> wrote:

> **
>
>
> Hi Chris,****
>
> ** **
>
> I will be on 5364 kHz USB around 1430z.****
>
> ** **
>
> Eugene / G4AIU****
>
> IO80jx****
>
> Wellington, Som.****
>
> ** **
>
> ** **
>
> ** **
>
> ** **
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *g3xvl
> *Sent:* 24 February 2013 11:25
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] 60 meters anyone ?****
>
> ** **
>
> ****
>
> Anyone fancy trying V4Chat on 60 meters ?

> I will be on this afternoon 24th Feb at 14:30 UTC
> - USB dial 5364 kHz if clear.
>
> Chris G3XVL Ipswich
> JO02NB****
>
> ****
>
>
>

3088. Re: [Bulk] RE: [V4Protocol] 60 meters anyone ?

Yahoo group: V4Protocol
Date: 2013-02-24 14:26:52 UTC
From: Chris McCarthy
Topic: 3084 Message: 3088

Thanks Eugene and Alaster,
hope my S8 noise level doesn't spoil the fun!

Chris G3XVL

On 24 February 2013 14:18, Alaster Bruce <alaster.bruce@btinternet.com>wrote:

> **
>
>
> Hi Chris and Eugene
>
>
> I will be on 5364
>
> Alaster M1DFO
>
> Manchester IO83vj
>
> On 24 February 2013 13:07, Eugene Morgan <G4AIU@...> wrote:
>
>> **
>>
>>
>> Hi Chris,****
>>
>> ** **
>>
>> I will be on 5364 kHz USB around 1430z.****
>>
>> ** **
>>
>> Eugene / G4AIU****
>>
>> IO80jx****
>>
>> Wellington, Som.****
>>
>> ** **
>>
>> ** **
>>
>> ** **
>>
>> ** **
>>

>> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
>> Behalf Of *g3xvl
>> *Sent:* 24 February 2013 11:25
>> *To:* V4Protocol@yahoogroups.com
>> *Subject:* [V4Protocol] 60 meters anyone ?****
>>
>> ** **
>>
>> ****
>>
>> Anyone fancy trying V4Chat on 60 meters ?
>> I will be on this afternoon 24th Feb at 14:30 UTC
>> - USB dial 5364 kHz if clear.
>>
>> Chris G3XVL Ipswich
>> JO02NB****
>>
>> ****
>>
>>
>
>

3089. RE: [Bulk] RE: [V4Protocol] 60 meters anyone ?

Yahoo group: V4Protocol
Date: 2013-02-24 14:53:22 UTC
From: Eugene Morgan
Topic: 3084 Message: 3089

Hi Chris and Alaster,

Both your emails have just popped onto my screen!!

Chris, I could hear you loud here in IO80jx and received just your name and QTH - that may still count as a QSO !! Hi Hi

I also heard you in QSO request to M1DFO / Alaster.

We can try again on 60m -later - S6/7 here.

73 to you both

Eugene / G4AIU

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Chris McCarthy
Sent: 24 February 2013 14:27
To: V4Protocol@yahoogroups.com
Subject: Re: [Bulk] RE: [V4Protocol] 60 meters anyone ?

Thanks Eugene and Alaster,
hope my S8 noise level doesn't spoil the fun!

Chris G3XVL

On 24 February 2013 14:18, Alaster Bruce <alaster.bruce@...> wrote:

Hi Chris and Eugene

I will be on 5364

Alaster M1DFO

Manchester IO83vj

On 24 February 2013 13:07, Eugene Morgan <G4AIU@...> wrote:

Hi Chris,

I will be on 5364 kHz USB around 1430z.

Eugene / G4AIU

IO80jx

Wellington, Som.

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of g3xvl
Sent: 24 February 2013 11:25
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] 60 meters anyone ?

Anyone fancy trying V4Chat on 60 meters ?
I will be on this afternoon 24th Feb at 14:30 UTC
- USB dial 5364 kHz if clear.

Chris G3XVL Ipswich
JO02NB

3090. Re: [Bulk] RE: [V4Protocol] 60 meters anyone ?

Yahoo group: V4Protocol
Date: 2013-02-24 15:04:47 UTC
From: Chris McCarthy
Topic: 3084 Message: 3090

Eugene and Alaster,
I got all your text Eugene before the disconnect... so a QSO!
Got a connect request from Alaster but nothing else.
Tom DF5JL heard me at abou 5 7 but couldn't come back as 5 MHz not
permitted in Germany.
I will put out a CQ at around 16:30 and see if anyone is around for a
test/QSO on 5364 kHz USB dial if clear.

73 Chris G3XVL

On 24 February 2013 14:53, Eugene Morgan <G4AIU@...> wrote:

> **
>
>
> Hi Chris and Alaster,****
>
> ** **
>
> Both your emails have just popped onto my screen!!****
>
> ** **
>
> Chris, I could hear you loud here in IO80jx and received just your name
> and QTH – that may still count as a QSO !! Hi Hi ****
>
> I also heard you in QSO request to M1DFO / Alaster.****
>
> We can try again on 60m –later – S6/7 here.****
>
> ** **
>
> 73 to you both****
>
> ** **
>
> Eugene / G4AIU****
>
> ****
>
> ** **
>
> ** **
>
> ** **
>

> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Chris McCarthy
> *Sent:* 24 February 2013 14:27
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [Bulk] RE: [V4Protocol] 60 meters anyone ?****
>
> ** **
>
> ****
>
> Thanks Eugene and Alaster,
> hope my S8 noise level doesn't spoil the fun!
>
> Chris G3XVL****
>
> On 24 February 2013 14:18, Alaster Bruce <alaster.bruce@...>
> wrote:****
>
> ****
>
> Hi Chris and Eugene****
>
>
>
> I will be on 5364****
>
> Alaster M1DFO
>
> Manchester IO83vj****
>
> On 24 February 2013 13:07, Eugene Morgan <G4AIU@...> wrote:****
>
> ****
>
> Hi Chris,****
>
> ****
>
> I will be on 5364 kHz USB around 1430z.****
>
> ****
>
> Eugene / G4AIU****
>
> IO80jx****
>
> Wellington, Som.****
>
> ****
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> ****
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> ****
>
> ****
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *g3xvl
> *Sent:* 24 February 2013 11:25
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] 60 meters anyone ?****
>
> ****
>
> ****
>
> Anyone fancy trying V4Chat on 60 meters ?
> I will be on this afternoon 24th Feb at 14:30 UTC
> - USB dial 5364 kHz if clear.
>
> Chris G3XVL Ipswich
> JO02NB****
>
> ** **
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> ** **
>
> ****
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>
>

3091. Re: [Bulk] RE: [V4Protocol] 60 meters anyone ?

Yahoo group: V4Protocol
Date: 2013-02-25 06:51:29 UTC
From: Chris McCarthy
Topic: 3084 Message: 3091

Eugene,

thanks for QSO yesterday, my 1st with V4.
Conditions were starting to change for the better during the QSO, shame I had to go.
How were conditions at your end ? I get varying amount of noise, it was about S8 (in 3kHz bandwidth) The inverted L works well for TX, but noisy on RX. I have made up a loaded dipole and as soon as the WX permits will put that up.

73 Chris G3XVL

On 24 February 2013 14:53, Eugene Morgan <G4AIU@...> wrote:

> **
>
>
> Hi Chris and Alaster,****
>
> ** **
>
> Both your emails have just popped onto my screen!!****
>
> ** **
>
> Chris, I could hear you loud here in IO80jx and received just your name
> and QTH – that may still count as a QSO !! Hi Hi ****
>
> I also heard you in QSO request to M1DFO / Alaster.****
>
> We can try again on 60m –later – S6/7 here.****
>
> ** **
>
> 73 to you both****
>
> ** **
>
> Eugene / G4AIU****
>
> ****
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> ** **
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> ** **
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> ** **
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Chris McCarthy
> *Sent:* 24 February 2013 14:27
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [Bulk] RE: [V4Protocol] 60 meters anyone ?****
>
> ** **
>
> ****
>
> Thanks Eugene and Alaster,
> hope my S8 noise level doesn't spoil the fun!
>
> Chris G3XVL****
>
> On 24 February 2013 14:18, Alaster Bruce <alaster.bruce@btinternet.com>
> wrote:****
>
> ****
>
> Hi Chris and Eugene****
>
>
>
> I will be on 5364****
>
> Alaster M1DFO
>
> Manchester IO83vj****
>
> On 24 February 2013 13:07, Eugene Morgan <G4AIU@...> wrote:****
>
> ****
>
> Hi Chris,****
>
> ****
>
> I will be on 5364 kHz USB around 1430z.****
>
> ****
>
> Eugene / G4AIU****
>
> IO80jx****
>
> Wellington, Som.****
>

> ****
>
> ****
>
> ****
>
> ****
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *g3xvl
> *Sent:* 24 February 2013 11:25
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] 60 meters anyone ?****
>
> ****
>
> ****
>
> Anyone fancy trying V4Chat on 60 meters ?
> I will be on this afternoon 24th Feb at 14:30 UTC
> - USB dial 5364 kHz if clear.
>
> Chris G3XVL Ipswich
> JO02NB****
>
> ** **
>
> ** **
>
> ****
>
>
>

3092. RE: [Bulk] RE: [V4Protocol] 60 meters anyone ?

Yahoo group: V4Protocol
Date: 2013-02-25 10:05:49 UTC
From: Eugene Morgan
Topic: 3084 Message: 3092

Hi Chris,

Thanks for the info.

I was very pleased with our QSO on 5 MHz using V4Chat. I got my new NoV in January and have had a number of QSO's on 60m using PSK31, PSK63 and CW (my favourite mode).

Conditions here yesterday were not good - though I did pick up some of your QSO. As you say, conditions improved towards the end of the contact. I have been using my long wire and SG230 for years - it is only up about 6m but for some reason works very on all HF bands.

In am very interested in V4Chat - in fact, I am very interested in ALL digi-modes - and I hope we can make contact again on 60m in V4.

73 de Eugene/G4AIU

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Chris McCarthy
Sent: 25 February 2013 06:51
To: V4Protocol@yahoogroups.com
Subject: Re: [Bulk] RE: [V4Protocol] 60 meters anyone ?

Eugene,

thanks for QSO yesterday, my 1st with V4.
Conditions were starting to change for the better during the QSO, shame I had to go.
How were conditions at your end ? I get varying amount of noise, it was about S8 (in 3kHz bandwidth) The inverted L works well for TX, but noisy on RX. I have made up a loaded dipole and as soon as the WX permits will put that up.

73 Chris G3XVL

On 24 February 2013 14:53, Eugene Morgan <G4AIU@...> wrote:

Hi Chris and Alaster,

Both your emails have just popped onto my screen!!

Chris, I could hear you loud here in IO80jx and received just your name and QTH - that may still count as a QSO !! Hi Hi

I also heard you in QSO request to M1DFO / Alaster.

We can try again on 60m -later - S6/7 here.

73 to you both

Eugene / G4AIU

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Chris McCarthy
Sent: 24 February 2013 14:27
To: V4Protocol@yahoogroups.com
Subject: Re: [Bulk] RE: [V4Protocol] 60 meters anyone ?

Thanks Eugene and Alaster,
hope my S8 noise level doesn't spoil the fun!

Chris G3XVL

On 24 February 2013 14:18, Alaster Bruce <alaster.bruce@...> wrote:

Hi Chris and Eugene

I will be on 5364

Alaster M1DFO

Manchester IO83vj

On 24 February 2013 13:07, Eugene Morgan <G4AIU@...> wrote:

Hi Chris,

I will be on 5364 kHz USB around 1430z.

Eugene / G4AIU

IO80jx

Wellington, Som.

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of g3xvl
Sent: 24 February 2013 11:25
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] 60 meters anyone ?

Anyone fancy trying V4Chat on 60 meters ?
I will be on this afternoon 24th Feb at 14:30 UTC
- USB dial 5364 kHz if clear.

Chris G3XVL Ipswich
JO02NB

3093. 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 14:30:32 UTC
From: POB
Topic: 3093 Message: 3093

It seems to me that the above frequency is shall we say polluted with many varities of digital modes and of course all stations pile in this small space leaving v4 in the same situation.

I myself would suggest for all v4 activity to move up frequency on 20 meters into a quiet zone such as 14.107.5 to get away from the circus of digital modes.

On 30 meters 10.143 in that area seems advisable, this would give our EUROPEAN friends a better chance to work the USA, since their frequency mode allocation is somewhat different.

Just thoughts on this mess on 20 meters.

73

POB/K8LEN

3094. RE: [V4Protocol] 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 14:34:34 UTC
From: Stan Gordon
Topic: 3093 Message: 3094

Sounds like a good idea to me. 14.105 to 14.110 was a start up area for Olivia a few years back but I have not heard many signals in that area.

Stan,
K7JIZ

To: V4Protocol@yahoogroups.com
From: bozo1945@...
Date: Sat, 9 Mar 2013 14:30:32 +0000
Subject: [V4Protocol] 14.073

It seems to me that the above frequency is shall we say polluted with many varities of digital modes and of course all stations pile in this small space leaving v4 in the same situation.

I myself would suggest for all v4 activity to move up frequency on 20 meters into a quiet zone such as 14.107.5 to get away from the circus of digital modes.

On 30 meters 10.143 in that area seems advisable, this would give our EUROPEAN friends a better chance to work the USA, since their frequency mode allocation is somewhat different.

Just thoughts on this mess on 20 meters.

73

POB/K8LEN

3095. Greetings

Yahoo group: V4Protocol
Date: 2013-03-09 16:23:42 UTC
From: truckerdon1949
Topic: 3095 Message: 3095

I finally unzipped V4 program.

I'll be parked on 7.073 and 80 m. After the Satern Net on 14.065 I'll jump over to 14.073. see who is on.

I did notice a Station call CQ on 40 m. I went to copy his call sign and V 4 crashed and I lost the call sign. That was the 1 only station I saw last night.

in a posting. 14.105 Pactor stations sit on that freq. These can guys can link into VHF and UHF Packet stations. There's Node in Colorado and the some are in Newfoundland and on the east coast.

I'm not sure how much QRM you will get with that group and V4 just my 00.02 worth.

73 from the new kid

Don VA7DGP

3096. Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 17:42:40 UTC
From: truckerdon1949
Topic: 3093 Message: 3096

Greetings..

I'm parked on 14.107.5 till about 11:30 Pacific or 21;30 UTC

Give or take, from the Honey Do List

73

Don VA7DGP

--- In V4Protocol@yahoogroups.com, Stan Gordon <thegordons07@...> wrote:
>
> Sounds like a good idea to me. 14.105 to 14.110 was a start up area for Olivia a few years back but I have not heard many signals in that area.
>
> Stan,
> K7JIZ
>
>
>
>
> To: V4Protocol@yahoogroups.com
> From: bozo1945@...
> Date: Sat, 9 Mar 2013 14:30:32 +0000
> Subject: [V4Protocol] 14.073
>
>
>
>
>
>
> It seems to me that the above frequency is shall we say polluted with many varities of digital modes and of course all stations pile in this small space leaving v4 in the same situation.
>
> I myself would suggest for all v4 activity to move up frequency on 20 meters into a quiet zone such as 14.107.5 to get away from the circus of digital modes.
>
> On 30 meters 10.143 in that area seems advisable, this would give our EUROPEAN friends a better chance to work the USA, since their frequency mode allocation is somewhat different.
>
> Just thoughts on this mess on 20 meters.
>
> 73
>
> POB/K8LEN
>

3097. RE: [V4Protocol] Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 19:00:55 UTC
From: Rick Westerfield
Topic: 3093 Message: 3097

Calling you now . . . .

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of truckerdon1949
Sent: Saturday, March 09, 2013 11:43 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: 14.073

Greetings..

I'm parked on 14.107.5 till about 11:30 Pacific or 21;30 UTC

Give or take, from the Honey Do List

73

Don VA7DGP

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> , Stan Gordon <thegordons07@...> wrote:
>
> Sounds like a good idea to me. 14.105 to 14.110 was a start up area for Olivia a few years back but I have not heard many signals in that area.
>
> Stan,
> K7JIZ
>
>
>
>
> To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> From: bozo1945@...
> Date: Sat, 9 Mar 2013 14:30:32 +0000
> Subject: [V4Protocol] 14.073
>
>
>
>
>
> It seems to me that the above frequency is shall we say polluted with many varities of digital modes and of course all stations pile in this small space leaving v4 in the same situation.
>
> I myself would suggest for all v4 activity to move up frequency on 20 meters into a quiet zone such as 14.107.5 to get away from the circus of

digital modes.
>
> On 30 meters 10.143 in that area seems advisable, this would give our EUROPEAN friends a better chance to work the USA, since their frequency mode allocation is somewhat different.
>
> Just thoughts on this mess on 20 meters.
>
> 73
>
> POB/K8LEN
>

3098. RE: [V4Protocol] Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 19:02:50 UTC
From: Rick Westerfield
Topic: 3093 Message: 3098

And that is a dial frequency for me, 14.109 center?????

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of truckerdon1949
Sent: Saturday, March 09, 2013 11:43 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: 14.073

Greetings..

I'm parked on 14.107.5 till about 11:30 Pacific or 21;30 UTC

Give or take, from the Honey Do List

73

Don VA7DGP

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> , Stan Gordon <thegordons07@...> wrote:
>
> Sounds like a good idea to me. 14.105 to 14.110 was a start up area for Olivia a few years back but I have not heard many signals in that area.
>
> Stan,
> K7JIZ
>
>
>
>
> To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> From: bozo1945@...
> Date: Sat, 9 Mar 2013 14:30:32 +0000
> Subject: [V4Protocol] 14.073
>
>
>
>
>
> It seems to me that the above frequency is shall we say polluted with many varities of digital modes and of course all stations pile in this small space leaving v4 in the same situation.
>
> I myself would suggest for all v4 activity to move up frequency on 20 meters into a quiet zone such as 14.107.5 to get away from the circus of

digital modes.
>
> On 30 meters 10.143 in that area seems advisable, this would give our EUROPEAN friends a better chance to work the USA, since their frequency mode allocation is somewhat different.
>
> Just thoughts on this mess on 20 meters.
>
> 73
>
> POB/K8LEN
>

3099. Error From Crach of last night

Yahoo group: V4Protocol
Date: 2013-03-09 19:30:52 UTC
From: truckerdon1949
Topic: 3099 Message: 3099

```
2013/03/09 04:34:49.281 {Status}
*** Calling CQ de VA7DGP @ 2013/03/09 04:34:49.234
2013/03/09 04:35:51.437 {Status} ** DISCONNECTED ARQ Timeout ... Outbound buffer purged. @
2013/03/09 04:35:51.328
2013/03/09 04:35:51.437 {Status} ** Sending CWID DE VA7DGP @ 2013/03/09 04:35:51.328
2013/03/09 04:54:29.812 {Rcv Txt Err} $epCL6` @CQ0
2013/03/09 04:54:36.46 {Rcv Txt Err} Z`FJoOh+L(+5
2013/03/09 04:54:40.531 {Status} ** CONNECT REQUEST CQ de K7LRB @ 2013/03/09 04:54:40.500
2013/03/09 04:54:53.828 {Rcv Txt Err} B sfG2>Um_=
2013/03/09 04:55:01.843 {Status} ** CONNECT REQUEST CQ de K7LRB @ 2013/03/09 04:55:01.843
2013/03/09 04:55:07.343 {Rcv Txt Err} K7LAc6@Z6"e1)F

2013/03/09 05:19:51.234 *** Startup of V4Chat Ver 1.0.4.0 ***

2013/03/09 05:19:56.15 {Status}
2013/03/09 05:19:56.46 {Status} *** Startup of V4Chat Ver 1.0.4.0 ; Auto Update Enabled
using HTTP port 8776
2013/03/09 05:19:56.62 {Status} *** V4 TNC TCP OK on port 8510
```

3100. Re: [V4Protocol] 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 19:39:25 UTC
From: Don Poaps
Topic: 3093 Message: 3100

I've just left V4chat. I'll be back about 21:00 UTC. Or 13:00 pacific.
Southern Territory Satern Digital Net on.

I'll be back as someone from California use to day.

Don va7dgp

On Saturday, March 9, 2013, Rick Westerfield wrote:

> **
>
>
> And that is a dial frequency for me, 14.109 center?????****
>
> ** **
>
> Rick KH2DF****
>
> ** **
>
> *From:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');> [mailto:V4Protocol@yahoogroups.com<javascript:_e({},
'cvml', 'V4Protocol@yahoogroups.com');>]
> *On Behalf Of *truckerdon1949
> *Sent:* Saturday, March 09, 2013 11:43 AM
> *To:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>
> *Subject:* [V4Protocol] Re: 14.073****
>
> ** **
>
> ****
>
> Greetings..
>
> I'm parked on 14.107.5 till about 11:30 Pacific or 21;30 UTC
>
> Give or take, from the Honey Do List
>
> 73
>
> Don VA7DGP
>
> --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');>, Stan Gordon <thegordons07@...<javascript:_e({},
'cvml', 'thegordons07@...');>>

> wrote:
> >
> > Sounds like a good idea to me. 14.105 to 14.110 was a start up area for
> Olivia a few years back but I have not heard many signals in that area.
> >
> > Stan,
> > K7JIZ
> >
> >
> >
> >
> > To: V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');>
> > From: bozo1945@...
> > Date: Sat, 9 Mar 2013 14:30:32 +0000
> > Subject: [V4Protocol] 14.073
> >
> >
> >
> >
> >
> > It seems to me that the above frequency is shall we say polluted with
> many varities of digital modes and of course all stations pile in this
> small space leaving v4 in the same situation.
> >
> > I myself would suggest for all v4 activity to move up frequency on 20
> meters into a quiet zone such as 14.107.5 to get away from the circus of
> digital modes.
> >
> > On 30 meters 10.143 in that area seems advisable, this would give our
> EUROPEAN friends a better chance to work the USA, since their frequency
> mode allocation is somewhat different.
> >
> > Just thoughts on this mess on 20 meters.
> >
> > 73
> >
> > POB/K8LEN
> >****
>
> ****
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member

Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3101. VA7DGP

Yahoo group: V4Protocol
Date: 2013-03-09 19:41:13 UTC
From: POB
Topic: 3101 Message: 3101

Conditions must be down been calling but a robot attacked me on the frequency<they should be illegal> will leave on for a while it is 1940 no...
POB/K8LEN

3102. Re: [V4Protocol] VA7DGP

Yahoo group: V4Protocol
Date: 2013-03-09 19:49:33 UTC
From: Don Poaps
Topic: 3101 Message: 3102

Would that be 14.107.5 ?? Or 14.073

I notice a lot of digital signals on 14.073. Nothing that V4 recognized.

Don VA7DGP

Will be on at 22:00 UTC give or take

On Saturday, March 9, 2013, POB wrote:

> **
>
>
> Conditions must be down been calling but a robot attacked me on the
> frequency<they should be illegal> will leave on for a while it is 1940 no...
> POB/K8LEN
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3103. 14.107.5

Yahoo group: V4Protocol
Date: 2013-03-09 20:18:21 UTC
From: Don Poaps
Topic: 3103 Message: 3103

QRV

cq de va7dgp.

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3104. Re: 14.107.5

Yahoo group: V4Protocol
Date: 2013-03-09 20:32:48 UTC
From: truckerdon1949
Topic: 3103 Message: 3104

I posted a screen shot of the signal that my system picked up. I'm wondering if there's a Winlink Station on this freq?

Don VA7DGP

--- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@...> wrote:
>
> QRV
>
> cq de va7dgp.
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>

3105. Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 21:35:52 UTC
From: truckerdon1949
Topic: 3093 Message: 3105

Rick

I move up to 14.109.

Don va7dgp

--- In V4Protocol@yahoogroups.com, "Rick Westerfield" <r_lwesterfield@...> wrote:
>
> And that is a dial frequency for me, 14.109 center?????
>
>
>
> Rick KH2DF
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of truckerdon1949
> Sent: Saturday, March 09, 2013 11:43 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: 14.073
>
>
>
>
>
> Greetings..
>
> I'm parked on 14.107.5 till about 11:30 Pacific or 21;30 UTC
>
> Give or take, from the Honey Do List
>
> 73
>
> Don VA7DGP
>
> --- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> ,
> Stan Gordon <thegordons07@> wrote:
> >
> > Sounds like a good idea to me. 14.105 to 14.110 was a start up area for
> Olivia a few years back but I have not heard many signals in that area.
> >
> > Stan,
> > K7JIZ
> >
> >

> >
> >
> > To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > From: bozo1945@
> > Date: Sat, 9 Mar 2013 14:30:32 +0000
> > Subject: [V4Protocol] 14.073
> >
> >
> >
> >
> >
> > It seems to me that the above frequency is shall we say polluted with many
> varities of digital modes and of course all stations pile in this small
> space leaving v4 in the same situation.
> >
> > I myself would suggest for all v4 activity to move up frequency on 20
> meters into a quiet zone such as 14.107.5 to get away from the circus of
> digital modes.
> >
> > On 30 meters 10.143 in that area seems advisable, this would give our
> EUROPEAN friends a better chance to work the USA, since their frequency mode
> allocation is somewhat different.
> >
> > Just thoughts on this mess on 20 meters.
> >
> > 73
> >
> > POB/K8LEN
> >
>

3106. Monitoring V4 Chat 14106.5 Dial / 14108 Center

Yahoo group: V4Protocol
Date: 2013-03-09 21:42:06 UTC
From: Rick Westerfield
Topic: 3106 Message: 3106

Hello,

Somebody give me a try on 14106.5 dial / 14108 center freq. It has been
a while and it would be nice to make a few contacts with V4 Chat

Rick KH2DF

3107. RE: [V4Protocol] Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 21:42:53 UTC
From: Rick Westerfield
Topic: 3093 Message: 3107

14.109 dial or 14.109 center freq??

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of truckerdon1949
Sent: Saturday, March 09, 2013 3:36 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: 14.073

Rick

I move up to 14.109.

Don va7dgp

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> , "Rick Westerfield" <r_lwesterfield@...> wrote:
>
> And that is a dial frequency for me, 14.109 center?????
>
>
>
> Rick KH2DF
>
>
>
> From: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> [mailto:V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>] On
> Behalf Of truckerdon1949
> Sent: Saturday, March 09, 2013 11:43 AM
> To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> Subject: [V4Protocol] Re: 14.073
>
>
>
>
>
>
> Greetings..
>
> I'm parked on 14.107.5 till about 11:30 Pacific or 21;30 UTC
>
> Give or take, from the Honey Do List
>
> 73

>
> Don VA7DGP
>
> --- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
<mailto:V4Protocol%40yahoogroups.com> ,
> Stan Gordon <thegordons07@> wrote:
> >
> > Sounds like a good idea to me. 14.105 to 14.110 was a start up area for
> Olivia a few years back but I have not heard many signals in that area.
> >
> > Stan,
> > K7JIZ
> >
> >
> >
> >
> > To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
<mailto:V4Protocol%40yahoogroups.com>
> > From: bozo1945@
> > Date: Sat, 9 Mar 2013 14:30:32 +0000
> > Subject: [V4Protocol] 14.073
> >
> >
> >
> >
> >
> > It seems to me that the above frequency is shall we say polluted with
many
> varities of digital modes and of course all stations pile in this small
> space leaving v4 in the same situation.
> >
> > I myself would suggest for all v4 activity to move up frequency on 20
> meters into a quiet zone such as 14.107.5 to get away from the circus of
> digital modes.
> >
> > On 30 meters 10.143 in that area seems advisable, this would give our
> EUROPEAN friends a better chance to work the USA, since their frequency
mode
> allocation is somewhat different.
> >
> > Just thoughts on this mess on 20 meters.
> >
> > 73
> >
> > POB/K8LEN
> >
>

3108. Re: Monitoring V4 Chat 14106.5 Dial / 14108 Center

Yahoo group: V4Protocol
Date: 2013-03-09 22:09:28 UTC
From: truckerdon1949
Topic: 3106 Message: 3108

KH2DF de VA7DGP 14.106.50

--- In V4Protocol@yahoogroups.com, "Rick Westerfield" <r_lwesterfield@...> wrote:
>
> Hello,
>
>
>
> Somebody give me a try on 14106.5 dial / 14108 center freq. It has been
> a while and it would be nice to make a few contacts with V4 Chat
>
>
>
> Rick KH2DF
>

3109. RE: [V4Protocol] Re: Monitoring V4 Chat 14106.5 Dial / 14108 Center

Yahoo group: V4Protocol
Date: 2013-03-09 22:14:10 UTC
From: Rick Westerfield
Topic: 3106 Message: 3109

We had a connection on my end but we never seemed to proceed to actually moving words . . .

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of truckerdon1949
Sent: Saturday, March 09, 2013 4:09 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Monitoring V4 Chat 14106.5 Dial / 14108 Center

KH2DF de VA7DGP 14.106.50

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> , "Rick Westerfield" <r_lwesterfield@...> wrote:
>
> Hello,
>
>
>
> Somebody give me a try on 14106.5 dial / 14108 center freq. It has been
> a while and it would be nice to make a few contacts with V4 Chat
>
>
>
> Rick KH2DF
>

3110. Re: [V4Protocol] Monitoring V4 Chat 14106.5 Dial / 14108 Center

Yahoo group: V4Protocol
Date: 2013-03-09 22:16:58 UTC
From: Don Poaps
Topic: 3106 Message: 3110

I did see a faint signal but nothing on my end.

Could be the band drifting off to nana land

Don

On Saturday, March 9, 2013, Rick Westerfield wrote:

> **
>
>
> We had a connection on my end but we never seemed to proceed to actually
> moving words . . . ****
>
> ** **
>
> Rick KH2DF****
>
> ** **
>
> *From:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');> [mailto:V4Protocol@yahoogroups.com<javascript:_e({},
'cvml', 'V4Protocol@yahoogroups.com');>]
> *On Behalf Of *truckerdon1949
> *Sent:* Saturday, March 09, 2013 4:09 PM
> *To:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>
> *Subject:* [V4Protocol] Re: Monitoring V4 Chat 14106.5 Dial / 14108 Center
> ****
>
> ** **
>
> ****
>
> KH2DF de VA7DGP 14.106.50
>
> --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');>, "Rick Westerfield"
<r_lwesterfield@...<javascript:_e({}, 'cvml', 'r_lwesterfield@...');>>
> wrote:
> >
> > Hello,
> >
> >
> >
> > Somebody give me a try on 14106.5 dial / 14108 center freq. It has been

> > a while and it would be nice to make a few contacts with V4 Chat
> >
> >
> >
> > Rick KH2DF
> >****
>
> ****
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3111. Re: [V4Protocol] Re: 14.107.5

Yahoo group: V4Protocol
Date: 2013-03-09 22:17:50 UTC
From: wb0kgn@...
Topic: 3103 Message: 3111

14.1075 and 14.1065 are popular pactor frequencies. 14.1065 is the more used in this country and 14.1075 the more popular in Europe. Anyone for sharing?

Dave in Minnesota

----- Original Message -----
From: "truckerdon1949" <va7dgp@...>
To: V4Protocol@yahoogroups.com
Sent: Saturday, March 9, 2013 2:32:48 PM
Subject: [V4Protocol] Re: 14.107.5

I posted a screen shot of the signal that my system picked up. I'm wondering if there's a Winlink Station on this freq?

Don VA7DGP

--- In V4Protocol@yahoogroups.com , Don Poaps <va7dgp@...> wrote:
>
> QRV
>
> cq de va7dgp.
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>

3112. Re: 14.107.5

Yahoo group: V4Protocol
Date: 2013-03-09 22:19:59 UTC
From: Don Poaps
Topic: 3103 Message: 3112

I'm parked on 14.106.5 now

Don va7dgp

On Saturday, March 9, 2013, wrote:

> **
>
>
> 14.1075 and 14.1065 are popular pactor frequencies. 14.1065 is the more
> used in this country and 14.1075 the more popular in Europe. Anyone for
> sharing?
>
> Dave in Minnesota
>
> ------------------------------
> *From: *"truckerdon1949" <va7dgp@... <javascript:_e({}, 'cvml',
> 'va7dgp@...');>>
> *To: *V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>
> *Sent: *Saturday, March 9, 2013 2:32:48 PM
> *Subject: *[V4Protocol] Re: 14.107.5
>
>
>
> I posted a screen shot of the signal that my system picked up. I'm
> wondering if there's a Winlink Station on this freq?
>
> Don VA7DGP
>
> --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');>, Don Poaps <va7dgp@...> wrote:
> >
> > QRV
> >
> > cq de va7dgp.
> >
> >
> > --
> > Don Poaps
> > New Westminster, BC
> > VA7DGP
> > Satern Member
> > Vector Member
> > Surrey Amateur Radio
> > Metrotown Salvation Army Community Church Member

> >
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3113. RE: [V4Protocol] Re: 14.107.5

Yahoo group: V4Protocol
Date: 2013-03-09 22:21:19 UTC
From: Rick Westerfield
Topic: 3103 Message: 3113

We are connecting but it is a noisy watering hole for V4 Chat. I will keep trying though with a few more CQs and connects with you.

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Don Poaps
Sent: Saturday, March 09, 2013 4:20 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: 14.107.5

I'm parked on 14.106.5 now

Don va7dgp

On Saturday, March 9, 2013, wrote:

14.1075 and 14.1065 are popular pactor frequencies. 14.1065 is the more used in this country and 14.1075 the more popular in Europe. Anyone for sharing?

Dave in Minnesota

From: "truckerdon1949" <va7dgp@...>
To: V4Protocol@yahoogroups.com
Sent: Saturday, March 9, 2013 2:32:48 PM
Subject: [V4Protocol] Re: 14.107.5

I posted a screen shot of the signal that my system picked up. I'm wondering if there's a Winlink Station on this freq?

Don VA7DGP

--- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@...> wrote:
>
> QRV
>
> cq de va7dgp.
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member

> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>

--

Don Poaps

New Westminster, BC

VA7DGP

Satern Member

Vector Member

Surrey Amateur Radio

Metrotown Salvation Army Community Church Member

3114. Re: Monitoring V4 Chat 14106.5 Dial / 14108 Center

Yahoo group: V4Protocol
Date: 2013-03-09 22:25:14 UTC
From: truckerdon1949
Topic: 3106 Message: 3114

*** Calling CQ de VA7DGP @ 2013/03/09 22:21:59.937*** DISCONNECTED ARQ Timeout ... Outbound buffer purged. @ 2013/03/09 22:23:02.437
*** Sending CWID DE VA7DGP @ 2013/03/09 22:23:02.437
pt4c#r :z:M-z[@*** CONNECTED TO KH2DF @ 2013/03/09 22:23:28.62
*** DISCONNECTED ARQ Timeout... Outbound buffer purged. @ 2013/03/09 22:24:58.93
*** Sending CWID DE VA7DGP @ 2013/03/09 22:24:58.93

--- In V4Protocol@yahoogroups.com, "Rick Westerfield" <r_lwesterfield@...> wrote:
>
> Hello,
>
>
>
> Somebody give me a try on 14106.5 dial / 14108 center freq. It has been
> a while and it would be nice to make a few contacts with V4 Chat
>
>
>
> Rick KH2DF
>

3115. RE: [V4Protocol] Re: 14.107.5

Yahoo group: V4Protocol
Date: 2013-03-09 22:27:27 UTC
From: Rick Westerfield
Topic: 3103 Message: 3115

Your radio makes the initial connection and then does not like to make any push-to-talk moves after that. Your constellation scores here are plenty high enough to move data - you are in the 50-65 range mostly here in NW Louisiana

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Don Poaps
Sent: Saturday, March 09, 2013 4:20 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: 14.107.5

I'm parked on 14.106.5 now

Don va7dgp

On Saturday, March 9, 2013, wrote:

14.1075 and 14.1065 are popular pactor frequencies. 14.1065 is the more used in this country and 14.1075 the more popular in Europe. Anyone for sharing?

Dave in Minnesota

From: "truckerdon1949" <va7dgp@...>
To: V4Protocol@yahoogroups.com
Sent: Saturday, March 9, 2013 2:32:48 PM
Subject: [V4Protocol] Re: 14.107.5

I posted a screen shot of the signal that my system picked up. I'm wondering if there's a Winlink Station on this freq?

Don VA7DGP

--- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@...> wrote:
>
> QRV
>
> cq de va7dgp.
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP

> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>

--

Don Poaps

New Westminster, BC

VA7DGP

Satern Member

Vector Member

Surrey Amateur Radio

Metrotown Salvation Army Community Church Member

3116. Re: 14.107.5

Yahoo group: V4Protocol
Date: 2013-03-09 22:28:25 UTC
From: truckerdon1949
Topic: 3103 Message: 3116

I see the connected. I've never used this program before so my White cane is out feeling my way around the program.

Don
VA7DGP

--- In V4Protocol@yahoogroups.com, "Rick Westerfield" <r_lwesterfield@...> wrote:
>
> We are connecting but it is a noisy watering hole for V4 Chat. I will keep
> trying though with a few more CQs and connects with you.
>
>
>
> Rick KH2DF
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of Don Poaps
> Sent: Saturday, March 09, 2013 4:20 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: 14.107.5
>
>
>
>
>
>
> I'm parked on 14.106.5 now
>
>
>
> Don va7dgp
>
> On Saturday, March 9, 2013, wrote:
>
>
>
> 14.1075 and 14.1065 are popular pactor frequencies. 14.1065 is the more
> used in this country and 14.1075 the more popular in Europe. Anyone for
> sharing?
>
>
>
> Dave in Minnesota
>

> _____
>
> From: "truckerdon1949" <va7dgp@...>
> To: V4Protocol@yahoogroups.com
> Sent: Saturday, March 9, 2013 2:32:48 PM
> Subject: [V4Protocol] Re: 14.107.5
>
>
>
> I posted a screen shot of the signal that my system picked up. I'm wondering
> if there's a Winlink Station on this freq?
>
> Don VA7DGP
>
> --- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@> wrote:
> >
> > QRV
> >
> > cq de va7dgp.
> >
> >
> > --
> > Don Poaps
> > New Westminster, BC
> > VA7DGP
> > Satern Member
> > Vector Member
> > Surrey Amateur Radio
> > Metrotown Salvation Army Community Church Member
> >
>
>
>
> --
>
> Don Poaps
>
> New Westminster, BC
>
> VA7DGP
>
> Satern Member
>
> Vector Member
>
> Surrey Amateur Radio
>
> Metrotown Salvation Army Community Church Member
>

3117. RE: [V4Protocol] Re: 14.107.5

Yahoo group: V4Protocol
Date: 2013-03-09 22:23:53 UTC
From: Rick Westerfield
Topic: 3103 Message: 3117

Can you tell us about your rig, what soundcard interface you have ant the antenna?

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Don Poaps
Sent: Saturday, March 09, 2013 4:20 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: 14.107.5

I'm parked on 14.106.5 now

Don va7dgp

On Saturday, March 9, 2013, wrote:

14.1075 and 14.1065 are popular pactor frequencies. 14.1065 is the more used in this country and 14.1075 the more popular in Europe. Anyone for sharing?

Dave in Minnesota

From: "truckerdon1949" <va7dgp@...>
To: V4Protocol@yahoogroups.com
Sent: Saturday, March 9, 2013 2:32:48 PM
Subject: [V4Protocol] Re: 14.107.5

I posted a screen shot of the signal that my system picked up. I'm wondering if there's a Winlink Station on this freq?

Don VA7DGP

--- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@...> wrote:
>
> QRV
>
> cq de va7dgp.
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member

> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>

--

Don Poaps

New Westminster, BC

VA7DGP

Satern Member

Vector Member

Surrey Amateur Radio

Metrotown Salvation Army Community Church Member

3118. RE: [V4Protocol] Re: 14.107.5

Yahoo group: V4Protocol
Date: 2013-03-09 22:34:37 UTC
From: Pete Ferrand
Topic: 3103 Message: 3118

Hey Rick I'm hearing you, not super loud, in Wisconsin nr Chicago.

-Pete
WB2QLL
Somers, WI

-----Original Message-----
>From: Rick Westerfield <r_lwesterfield@...>
>Sent: Mar 9, 2013 4:23 PM
>To: V4Protocol@yahoogroups.com
>Subject: RE: [V4Protocol] Re: 14.107.5
>
>Can you tell us about your rig, what soundcard interface you have ant the
>antenna?
>
>
>
>Rick KH2DF
>
>
>
>From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
>Behalf Of Don Poaps
>Sent: Saturday, March 09, 2013 4:20 PM
>To: V4Protocol@yahoogroups.com
>Subject: [V4Protocol] Re: 14.107.5
>
>
>
>
>
>I'm parked on 14.106.5 now
>
>
>
>Don va7dgp
>
>On Saturday, March 9, 2013, wrote:
>
>
>
>14.1075 and 14.1065 are popular pactor frequencies. 14.1065 is the more
>used in this country and 14.1075 the more popular in Europe. Anyone for
>sharing?
>

>
>
>Dave in Minnesota
>
> _____
>
>From: "truckerdon1949" <va7dgp@...>
>To: V4Protocol@yahoogroups.com
>Sent: Saturday, March 9, 2013 2:32:48 PM
>Subject: [V4Protocol] Re: 14.107.5
>
>
>
>I posted a screen shot of the signal that my system picked up. I'm wondering
>if there's a Winlink Station on this freq?
>
>Don VA7DGP
>
>--- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@...> wrote:
>>
>> QRV
>>
>> cq de va7dgp.
>>
>>
>> --
>> Don Poaps
>> New Westminster, BC
>> VA7DGP
>> Satern Member
>> Vector Member
>> Surrey Amateur Radio
>> Metrotown Salvation Army Community Church Member
>>
>
>
>
>--
>
>Don Poaps
>
>New Westminster, BC
>
>VA7DGP
>
>Satern Member
>
>Vector Member
>
>Surrey Amateur Radio

>
>Metrotown Salvation Army Community Church Member
>
>
>
>
>
>
>
>
>

3119. Re: 14.107.5

Yahoo group: V4Protocol
Date: 2013-03-09 22:38:08 UTC
From: Don Poaps
Topic: 3103 Message: 3119

Rig Kenwood TS 850 s
Signalink Souncard
130 ft Center horizontal dipole
Power max. My same setting as I use for RMS express

Don

On Saturday, March 9, 2013, Rick Westerfield wrote:

> **
>
>
> Can you tell us about your rig, what soundcard interface you have ant the
> antenna?****
>
> ** **
>
> Rick KH2DF****
>
> ** **
>
> *From:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');> [mailto:V4Protocol@yahoogroups.com<javascript:_e({},
'cvml', 'V4Protocol@yahoogroups.com');>]
> *On Behalf Of *Don Poaps
> *Sent:* Saturday, March 09, 2013 4:20 PM
> *To:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>
> *Subject:* [V4Protocol] Re: 14.107.5****
>
> ** **
>
> ****
>
> I'm parked on 14.106.5 now****
>
> ** **
>
> Don va7dgp
>
> On Saturday, March 9, 2013, wrote:****
>
> ****
>
> 14.1075 and 14.1065 are popular pactor frequencies. 14.1065 is the more
> used in this country and 14.1075 the more popular in Europe. Anyone for

> sharing? ****
>
> ** **
>
> Dave in Minnesota****
> ------------------------------
>
> *From: *"truckerdon1949" <va7dgp@... <javascript:_e({}, 'cvml',
> 'va7dgp@...');>>
> *To: *V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>
> *Sent: *Saturday, March 9, 2013 2:32:48 PM
> *Subject: *[V4Protocol] Re: 14.107.5
>
> ****
>
> I posted a screen shot of the signal that my system picked up. I'm
> wondering if there's a Winlink Station on this freq?
>
> Don VA7DGP
>
> --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>, Don Poaps <va7dgp@... <javascript:_e({},
> 'cvml', 'va7dgp@...');>> wrote:
> >
> > QRV
> >
> > cq de va7dgp.
> >
> >
> > --
> > Don Poaps
> > New Westminster, BC
> > VA7DGP
> > Satern Member
> > Vector Member
> > Surrey Amateur Radio
> > Metrotown Salvation Army Community Church Member
> >****
>
>
>
> -- ****
>
> Don Poaps****
>
> New Westminster, BC****
>
> VA7DGP****
>

> Satern Member****
>
> Vector Member****
>
> Surrey Amateur Radio****
>
> Metrotown Salvation Army Community Church Member****
>
> ****
>
> ****
>
> ** **
>
> ****
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3120. Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 22:56:06 UTC
From: mike.k0ter
Topic: 3093 Message: 3120

--- In V4Protocol@yahoogroups.com, "POB" <bozo1945@...> wrote:
>
> It seems to me that the above frequency is shall we say polluted with many varities of digital modes and of course all stations pile in this small space leaving v4 in the same situation.
>
> I myself would suggest for all v4 activity to move up frequency on 20 meters into a quiet zone such as 14.107.5 to get away from the circus of digital modes.

14.107.5 is within the 14.1005-14.112 segment allocated by
the FCC for automatically controlled stations and is used
by WL2K stations. It might be better to choose a frequency
above 14.112.

73, Mike, K0TER

3121. Re: [V4Protocol] Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 23:12:37 UTC
From: Ron Wenig
Topic: 3093 Message: 3121

Hi guys, I just got in and saw the emails. I saw N4AY on 14105.515 dial and connected to him. We connected but I didn't receive any data from him. There seemed to be a couple of other stations close by. I'm in Pennsylvania.

Ron ny3j

On 3/9/2013 5:56 PM, mike.k0ter wrote:
>
>
>
> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>, "POB" <bozo1945@...> wrote:
> >
> > It seems to me that the above frequency is shall we say polluted
> with many varities of digital modes and of course all stations pile in
> this small space leaving v4 in the same situation.
> >
> > I myself would suggest for all v4 activity to move up frequency on
> 20 meters into a quiet zone such as 14.107.5 to get away from the
> circus of digital modes.
>
> 14.107.5 is within the 14.1005-14.112 segment allocated by
> the FCC for automatically controlled stations and is used
> by WL2K stations. It might be better to choose a frequency
> above 14.112.
>
> 73, Mike, K0TER
>
>

3122. Re: [V4Protocol] Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 23:17:47 UTC
From: Pete Ferrand
Topic: 3093 Message: 3122

Hey Ron, you had a q5 signal here nr Chicago. Tried to call you but the connect request came through as connect request to CQ instead my or anyone's call.

-Pete
WB2QLL
Somers, WI

-----Original Message-----
>From: Ron Wenig <rwenig@...>
>Sent: Mar 9, 2013 5:12 PM
>To: V4Protocol@yahoogroups.com
>Subject: Re: [V4Protocol] Re: 14.073
>
>Hi guys, I just got in and saw the emails. I saw N4AY on 14105.515 dial
>and connected to him. We connected but I didn't receive any data from
>him. There seemed to be a couple of other stations close by. I'm in
>Pennsylvania.
>
>Ron ny3j
>
>On 3/9/2013 5:56 PM, mike.k0ter wrote:
>>
>>
>>
>> --- In V4Protocol@yahoogroups.com
>> <mailto:V4Protocol%40yahoogroups.com>, "POB" <bozo1945@...> wrote:
>> >
>> > It seems to me that the above frequency is shall we say polluted
>> with many varities of digital modes and of course all stations pile in
>> this small space leaving v4 in the same situation.
>> >
>> > I myself would suggest for all v4 activity to move up frequency on
>> 20 meters into a quiet zone such as 14.107.5 to get away from the
>> circus of digital modes.
>>
>> 14.107.5 is within the 14.1005-14.112 segment allocated by
>> the FCC for automatically controlled stations and is used
>> by WL2K stations. It might be better to choose a frequency
>> above 14.112.
>>
>> 73, Mike, K0TER
>>
>>
>

3123. Re: [V4Protocol] Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 23:19:55 UTC
From: Ron Wenig
Topic: 3093 Message: 3123

I may have clicked the wrong thing. I'll try connecting to you.

Ron ny3j

On 3/9/2013 6:17 PM, Pete Ferrand wrote:
>
>
> Hey Ron, you had a q5 signal here nr Chicago. Tried to call you but
> the connect request came through as connect request to CQ instead my
> or anyone's call.
>
> -Pete
> WB2QLL
> Somers, WI
>
> -----Original Message-----
> >From: Ron Wenig <rwenig@... <mailto:rwenig%40verizon.net>>
> >Sent: Mar 9, 2013 5:12 PM
> >To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> >Subject: Re: [V4Protocol] Re: 14.073
> >
> >Hi guys, I just got in and saw the emails. I saw N4AY on 14105.515 dial
> >and connected to him. We connected but I didn't receive any data from
> >him. There seemed to be a couple of other stations close by. I'm in
> >Pennsylvania.
> >
> >Ron ny3j
> >
> >On 3/9/2013 5:56 PM, mike.k0ter wrote:
> >>
> >>
> >>
> >> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> >> <mailto:V4Protocol%40yahoogroups.com>, "POB" <bozo1945@...> wrote:
> >> >
> >> > It seems to me that the above frequency is shall we say polluted
> >> with many varities of digital modes and of course all stations pile in
> >> this small space leaving v4 in the same situation.
> >> >
> >> > I myself would suggest for all v4 activity to move up frequency on
> >> 20 meters into a quiet zone such as 14.107.5 to get away from the
> >> circus of digital modes.
> >>
> >> 14.107.5 is within the 14.1005-14.112 segment allocated by

> >> the FCC for automatically controlled stations and is used
> >> by WL2K stations. It might be better to choose a frequency
> >> above 14.112.
> >>
> >> 73, Mike, K0TER
> >>
> >>
> >
>
>

3124. Re: [V4Protocol] Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 23:27:39 UTC
From: Ron Wenig
Topic: 3093 Message: 3124

Pete, we connected but there's a pactor station there. We should move
just a bit.

Ron ny3j

On 3/9/2013 6:19 PM, Ron Wenig wrote:
>
> I may have clicked the wrong thing. I'll try connecting to you.
>
> Ron ny3j
>
> On 3/9/2013 6:17 PM, Pete Ferrand wrote:
>>
>>
>> Hey Ron, you had a q5 signal here nr Chicago. Tried to call you but
>> the connect request came through as connect request to CQ instead my
>> or anyone's call.
>>
>> -Pete
>> WB2QLL
>> Somers, WI
>>
>> -----Original Message-----
>> >From: Ron Wenig <rwenig@... <mailto:rwenig%40verizon.net>>
>> >Sent: Mar 9, 2013 5:12 PM
>> >To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
>> >Subject: Re: [V4Protocol] Re: 14.073
>> >
>> >Hi guys, I just got in and saw the emails. I saw N4AY on 14105.515 dial
>> >and connected to him. We connected but I didn't receive any data from
>> >him. There seemed to be a couple of other stations close by. I'm in
>> >Pennsylvania.
>> >
>> >Ron ny3j
>> >
>> >On 3/9/2013 5:56 PM, mike.k0ter wrote:
>> >>
>> >>
>> >>
>> >> --- In V4Protocol@yahoogroups.com
>> <mailto:V4Protocol%40yahoogroups.com>
>> >> <mailto:V4Protocol%40yahoogroups.com>, "POB" <bozo1945@...> wrote:
>> >> >
>> >> > It seems to me that the above frequency is shall we say polluted
>> >> with many varities of digital modes and of course all stations

>> pile in
>> >> this small space leaving v4 in the same situation.
>> >> >
>> >> > I myself would suggest for all v4 activity to move up frequency on
>> >> 20 meters into a quiet zone such as 14.107.5 to get away from the
>> >> circus of digital modes.
>> >>
>> >> 14.107.5 is within the 14.1005-14.112 segment allocated by
>> >> the FCC for automatically controlled stations and is used
>> >> by WL2K stations. It might be better to choose a frequency
>> >> above 14.112.
>> >>
>> >> 73, Mike, K0TER
>> >>
>> >>
>> >
>>
>
>

3125. Re: [V4Protocol] Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 23:32:18 UTC
From: Pete Ferrand
Topic: 3093 Message: 3125

OK but I think there's another problem. I'll move a khz or so higher and see. Try FEC if we can't transfer info.

-p

-----Original Message-----
>From: Ron Wenig <rwenig@...>
>Sent: Mar 9, 2013 5:27 PM
>To: V4Protocol@yahoogroups.com
>Subject: Re: [V4Protocol] Re: 14.073
>
>Pete, we connected but there's a pactor station there. We should move
>just a bit.
>
>Ron ny3j
>
>On 3/9/2013 6:19 PM, Ron Wenig wrote:
>>
>> I may have clicked the wrong thing. I'll try connecting to you.
>>
>> Ron ny3j
>>
>> On 3/9/2013 6:17 PM, Pete Ferrand wrote:
>>>
>>>
>>> Hey Ron, you had a q5 signal here nr Chicago. Tried to call you but
>>> the connect request came through as connect request to CQ instead my
>>> or anyone's call.
>>>
>>> -Pete
>>> WB2QLL
>>> Somers, WI
>>>
>>> -----Original Message-----
>>> >From: Ron Wenig <rwenig@... <mailto:rwenig%40verizon.net>>
>>> >Sent: Mar 9, 2013 5:12 PM
>>> >To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
>>> >Subject: Re: [V4Protocol] Re: 14.073
>>> >
>>> >Hi guys, I just got in and saw the emails. I saw N4AY on 14105.515 dial
>>> >and connected to him. We connected but I didn't receive any data from
>>> >him. There seemed to be a couple of other stations close by. I'm in
>>> >Pennsylvania.
>>> >
>>> >Ron ny3j

>>> >
>>> >On 3/9/2013 5:56 PM, mike.k0ter wrote:
>>> >>
>>> >>
>>> >>
>>> >> --- In V4Protocol@yahoogroups.com
>>> <mailto:V4Protocol%40yahoogroups.com>
>>> >> <mailto:V4Protocol%40yahoogroups.com>, "POB" <bozo1945@...> wrote:
>>> >> >
>>> >> > It seems to me that the above frequency is shall we say polluted
>>> >> with many varities of digital modes and of course all stations
>>> pile in
>>> >> this small space leaving v4 in the same situation.
>>> >> >
>>> >> > I myself would suggest for all v4 activity to move up frequency on
>>> >> 20 meters into a quiet zone such as 14.107.5 to get away from the
>>> >> circus of digital modes.
>>> >>
>>> >> 14.107.5 is within the 14.1005-14.112 segment allocated by
>>> >> the FCC for automatically controlled stations and is used
>>> >> by WL2K stations. It might be better to choose a frequency
>>> >> above 14.112.
>>> >>
>>> >> 73, Mike, K0TER
>>> >>
>>> >>
>>> >
>>>
>>
>>
>

3126. Re: [V4Protocol] Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 23:36:44 UTC
From: Pete Ferrand
Topic: 3093 Message: 3126

Ron are you seeing any of my text?
-p

-----Original Message-----
>From: Ron Wenig <rwenig@...>
>Sent: Mar 9, 2013 5:27 PM
>To: V4Protocol@yahoogroups.com
>Subject: Re: [V4Protocol] Re: 14.073
>
>Pete, we connected but there's a pactor station there. We should move
>just a bit.
>
>Ron ny3j
>
>On 3/9/2013 6:19 PM, Ron Wenig wrote:
>>
>> I may have clicked the wrong thing. I'll try connecting to you.
>>
>> Ron ny3j
>>
>> On 3/9/2013 6:17 PM, Pete Ferrand wrote:
>>>
>>>
>>> Hey Ron, you had a q5 signal here nr Chicago. Tried to call you but
>>> the connect request came through as connect request to CQ instead my
>>> or anyone's call.
>>>
>>> -Pete
>>> WB2QLL
>>> Somers, WI
>>>
>>> -----Original Message-----
>>> >From: Ron Wenig <rwenig@... <mailto:rwenig%40verizon.net>>
>>> >Sent: Mar 9, 2013 5:12 PM
>>> >To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
>>> >Subject: Re: [V4Protocol] Re: 14.073
>>> >
>>> >Hi guys, I just got in and saw the emails. I saw N4AY on 14105.515 dial
>>> >and connected to him. We connected but I didn't receive any data from
>>> >him. There seemed to be a couple of other stations close by. I'm in
>>> >Pennsylvania.
>>> >
>>> >Ron ny3j
>>> >
>>> >On 3/9/2013 5:56 PM, mike.k0ter wrote:

>>> >>
>>> >>
>>> >>
>>> >> --- In V4Protocol@yahoogroups.com
>>> <mailto:V4Protocol%40yahoogroups.com>
>>> >> <mailto:V4Protocol%40yahoogroups.com>, "POB" <bozo1945@...> wrote:
>>> >> >
>>> >> > It seems to me that the above frequency is shall we say polluted
>>> >> with many varities of digital modes and of course all stations
>>> pile in
>>> >> this small space leaving v4 in the same situation.
>>> >> >
>>> >> > I myself would suggest for all v4 activity to move up frequency on
>>> >> 20 meters into a quiet zone such as 14.107.5 to get away from the
>>> >> circus of digital modes.
>>> >>
>>> >> 14.107.5 is within the 14.1005-14.112 segment allocated by
>>> >> the FCC for automatically controlled stations and is used
>>> >> by WL2K stations. It might be better to choose a frequency
>>> >> above 14.112.
>>> >>
>>> >> 73, Mike, K0TER
>>> >>
>>> >>
>>> >
>>>
>>
>>
>

3127. Re: [V4Protocol] Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 23:36:47 UTC
From: Ron Wenig
Topic: 3093 Message: 3127

We are connected there at 14.106.5 dial but there's another pactor
station there...they are everywhere.

Ron ny3j

On 3/9/2013 6:32 PM, Pete Ferrand wrote:
>
>
> OK but I think there's another problem. I'll move a khz or so higher
> and see. Try FEC if we can't transfer info.
>
> -p
>
> -----Original Message-----
> >From: Ron Wenig <rwenig@... <mailto:rwenig%40verizon.net>>
> >Sent: Mar 9, 2013 5:27 PM
> >To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> >Subject: Re: [V4Protocol] Re: 14.073
> >
> >Pete, we connected but there's a pactor station there. We should move
> >just a bit.
> >
> >Ron ny3j
> >
> >On 3/9/2013 6:19 PM, Ron Wenig wrote:
> >>
> >> I may have clicked the wrong thing. I'll try connecting to you.
> >>
> >> Ron ny3j
> >>
> >> On 3/9/2013 6:17 PM, Pete Ferrand wrote:
> >>>
> >>>
> >>> Hey Ron, you had a q5 signal here nr Chicago. Tried to call you but
> >>> the connect request came through as connect request to CQ instead my
> >>> or anyone's call.
> >>>
> >>> -Pete
> >>> WB2QLL
> >>> Somers, WI
> >>>
> >>> -----Original Message-----
> >>> >From: Ron Wenig <rwenig@... <mailto:rwenig%40verizon.net>
> <mailto:rwenig%40verizon.net>>
> >>> >Sent: Mar 9, 2013 5:12 PM

> >>> >To: V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> <mailto:V4Protocol%40yahoogroups.com>
> >>> >Subject: Re: [V4Protocol] Re: 14.073
> >>> >
> >>> >Hi guys, I just got in and saw the emails. I saw N4AY on
> 14105.515 dial
> >>> >and connected to him. We connected but I didn't receive any data from
> >>> >him. There seemed to be a couple of other stations close by. I'm in
> >>> >Pennsylvania.
> >>> >
> >>> >Ron ny3j
> >>> >
> >>> >On 3/9/2013 5:56 PM, mike.k0ter wrote:
> >>> >>
> >>> >>
> >>> >>
> >>> >> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> >>> <mailto:V4Protocol%40yahoogroups.com>
> >>> >> <mailto:V4Protocol%40yahoogroups.com>, "POB" <bozo1945@...> wrote:
> >>> >> >
> >>> >> > It seems to me that the above frequency is shall we say polluted
> >>> >> with many varities of digital modes and of course all stations
> >>> pile in
> >>> >> this small space leaving v4 in the same situation.
> >>> >> >
> >>> >> > I myself would suggest for all v4 activity to move up
> frequency on
> >>> >> 20 meters into a quiet zone such as 14.107.5 to get away from the
> >>> >> circus of digital modes.
> >>> >>
> >>> >> 14.107.5 is within the 14.1005-14.112 segment allocated by
> >>> >> the FCC for automatically controlled stations and is used
> >>> >> by WL2K stations. It might be better to choose a frequency
> >>> >> above 14.112.
> >>> >>
> >>> >> 73, Mike, K0TER
> >>> >>
> >>> >>
> >>> >
> >>>
> >>
> >>
> >
>
>

3128. Re: [V4Protocol] Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 23:37:36 UTC
From: Ron Wenig
Topic: 3093 Message: 3128

no text just the connect..do you see my text.

Ron

On 3/9/2013 6:36 PM, Pete Ferrand wrote:
>
>
> Ron are you seeing any of my text?
> -p
>
> -----Original Message-----
> >From: Ron Wenig <rwenig@... <mailto:rwenig%40verizon.net>>
> >Sent: Mar 9, 2013 5:27 PM
> >To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> >Subject: Re: [V4Protocol] Re: 14.073
> >
> >Pete, we connected but there's a pactor station there. We should move
> >just a bit.
> >
> >Ron ny3j
> >
> >On 3/9/2013 6:19 PM, Ron Wenig wrote:
> >>
> >> I may have clicked the wrong thing. I'll try connecting to you.
> >>
> >> Ron ny3j
> >>
> >> On 3/9/2013 6:17 PM, Pete Ferrand wrote:
> >>>
> >>>
> >>> Hey Ron, you had a q5 signal here nr Chicago. Tried to call you but
> >>> the connect request came through as connect request to CQ instead my
> >>> or anyone's call.
> >>>
> >>> -Pete
> >>> WB2QLL
> >>> Somers, WI
> >>>
> >>> -----Original Message-----
> >>> >From: Ron Wenig <rwenig@... <mailto:rwenig%40verizon.net>
> <mailto:rwenig%40verizon.net>>
> >>> >Sent: Mar 9, 2013 5:12 PM
> >>> >To: V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> <mailto:V4Protocol%40yahoogroups.com>

> >>> >Subject: Re: [V4Protocol] Re: 14.073
> >>> >
> >>> >Hi guys, I just got in and saw the emails. I saw N4AY on
> 14105.515 dial
> >>> >and connected to him. We connected but I didn't receive any data from
> >>> >him. There seemed to be a couple of other stations close by. I'm in
> >>> >Pennsylvania.
> >>> >
> >>> >Ron ny3j
> >>> >
> >>> >On 3/9/2013 5:56 PM, mike.k0ter wrote:
> >>> >>
> >>> >>
> >>> >>
> >>> >> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol%40yahoogroups.com>
> >>> <mailto:V4Protocol%40yahoogroups.com>
> >>> >> <mailto:V4Protocol%40yahoogroups.com>, "POB" <bozo1945@...> wrote:
> >>> >> >
> >>> >> > It seems to me that the above frequency is shall we say polluted
> >>> >> with many varities of digital modes and of course all stations
> >>> pile in
> >>> >> this small space leaving v4 in the same situation.
> >>> >> >
> >>> >> > I myself would suggest for all v4 activity to move up
> frequency on
> >>> >> 20 meters into a quiet zone such as 14.107.5 to get away from the
> >>> >> circus of digital modes.
> >>> >>
> >>> >> 14.107.5 is within the 14.1005-14.112 segment allocated by
> >>> >> the FCC for automatically controlled stations and is used
> >>> >> by WL2K stations. It might be better to choose a frequency
> >>> >> above 14.112.
> >>> >>
> >>> >> 73, Mike, K0TER
> >>> >>
> >>> >>
> >>> >>
> >>> >
> >>>
> >>
> >>
> >> >
> >
> >

3129. Re: [V4Protocol] Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 23:38:31 UTC
From: Pete Ferrand
Topic: 3093 Message: 3129

Don't hear a thing on this freq. Try FEC and I'll call you!
-p

-----Original Message-----
>From: Ron Wenig <rwenig@...>
>Sent: Mar 9, 2013 5:36 PM
>To: V4Protocol@yahoogroups.com
>Subject: Re: [V4Protocol] Re: 14.073
>
>We are connected there at 14.106.5 dial but there's another pactor
>station there...they are everywhere.
>
>Ron ny3j
>
>On 3/9/2013 6:32 PM, Pete Ferrand wrote:
>>
>>
>> OK but I think there's another problem. I'll move a khz or so higher
>> and see. Try FEC if we can't transfer info.
>>
>> -p
>>
>> -----Original Message-----
>> >From: Ron Wenig <rwenig@... <mailto:rwenig%40verizon.net>>
>> >Sent: Mar 9, 2013 5:27 PM
>> >To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
>> >Subject: Re: [V4Protocol] Re: 14.073
>> >
>> >Pete, we connected but there's a pactor station there. We should move
>> >just a bit.
>> >
>> >Ron ny3j
>> >
>> >On 3/9/2013 6:19 PM, Ron Wenig wrote:
>> >>
>> >> I may have clicked the wrong thing. I'll try connecting to you.
>> >>
>> >> Ron ny3j
>> >>
>> >> On 3/9/2013 6:17 PM, Pete Ferrand wrote:
>> >>>
>> >>>
>> >>> Hey Ron, you had a q5 signal here nr Chicago. Tried to call you but
>> >>> the connect request came through as connect request to CQ instead my
>> >>> or anyone's call.

>> >>>
>> >>> -Pete
>> >>> WB2QLL
>> >>> Somers, WI
>> >>>
>> >>> -----Original Message-----
>> >>> >From: Ron Wenig <rwenig@... <mailto:rwenig%40verizon.net>
>> <mailto:rwenig%40verizon.net>>
>> >>> >Sent: Mar 9, 2013 5:12 PM
>> >>> >To: V4Protocol@yahoogroups.com
>> <mailto:V4Protocol%40yahoogroups.com>
>> <mailto:V4Protocol%40yahoogroups.com>
>> >>> >Subject: Re: [V4Protocol] Re: 14.073
>> >>> >
>> >>> >Hi guys, I just got in and saw the emails. I saw N4AY on
>> 14105.515 dial
>> >>> >and connected to him. We connected but I didn't receive any data from
>> >>> >him. There seemed to be a couple of other stations close by. I'm in
>> >>> >Pennsylvania.
>> >>> >
>> >>> >Ron ny3j
>> >>> >
>> >>> >On 3/9/2013 5:56 PM, mike.k0ter wrote:
>> >>> >>
>> >>> >>
>> >>> >>
>> >>> >> --- In V4Protocol@yahoogroups.com
>> <mailto:V4Protocol%40yahoogroups.com>
>> >>> <mailto:V4Protocol%40yahoogroups.com>
>> >>> >> <mailto:V4Protocol%40yahoogroups.com>, "POB" <bozo1945@...> wrote:
>> >>> >> >
>> >>> >> > It seems to me that the above frequency is shall we say polluted
>> >>> >> with many varities of digital modes and of course all stations
>> >>> pile in
>> >>> >> this small space leaving v4 in the same situation.
>> >>> >> >
>> >>> >> > I myself would suggest for all v4 activity to move up
>> frequency on
>> >>> >> 20 meters into a quiet zone such as 14.107.5 to get away from the
>> >>> >> circus of digital modes.
>> >>> >>
>> >>> >> 14.107.5 is within the 14.1005-14.112 segment allocated by
>> >>> >> the FCC for automatically controlled stations and is used
>> >>> >> by WL2K stations. It might be better to choose a frequency
>> >>> >> above 14.112.
>> >>> >>
>> >>> >> 73, Mike, K0TER
>> >>> >>
>> >>> >>
>> >>> >
>>

>> >>>
>> >>
>> >>
>> >
>>
>>
>

3130. Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 23:44:48 UTC
From: POB
Topic: 3093 Message: 3130

--- In V4Protocol@yahoogroups.com, "mike.k0ter" <stansberrymj@...> wrote:
>
>
>
> --- In V4Protocol@yahoogroups.com, "POB" <bozo1945@> wrote:
> >
> > It seems to me that the above frequency is shall we say polluted with many varities of digital modes and of course all stations pile in this small space leaving v4 in the same situation.
> >
> > I myself would suggest for all v4 activity to move up frequency on 20 meters into a quiet zone such as 14.107.5 to get away from the circus of digital modes.
>
> 14.107.5 is within the 14.1005-14.112 segment allocated by
> the FCC for automatically controlled stations and is used
> by WL2K stations. It might be better to choose a frequency
> above 14.112.
>
> 73, Mike, K0TER
>
You are probably right,not sure of a frequency, but it is a mess on 20 and tonight pactor robots everywhere up to 14114 at moment.
quiet around 14.117.50 maybe better.....
POB/K8LEN

3131. Re: [V4Protocol] Re: 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 23:57:57 UTC
From: Pete Ferrand
Topic: 3093 Message: 3131

Did you disappear don't hear a thing from you?

-p

-----Original Message-----
From: Ron Wenig
Sent: Mar 9, 2013 5:37 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: 14.073

no text just the connect..do you see my text.

Ron

On 3/9/2013 6:36 PM, Pete Ferrand wrote:
>
>
> Ron are you seeing any of my text?
> -p
>
> -----Original Message-----
> >From: Ron Wenig >
> >Sent: Mar 9, 2013 5:27 PM
> >To: V4Protocol@yahoogroups.com
> >Subject: Re: [V4Protocol] Re: 14.073
> >
> >Pete, we connected but there's a pactor station there. We should move
> >just a bit.
> >
> >Ron ny3j
> >
> >On 3/9/2013 6:19 PM, Ron Wenig wrote:
> >>
> >> I may have clicked the wrong thing. I'll try connecting to you.
> >>
> >> Ron ny3j
> >>
> >> On 3/9/2013 6:17 PM, Pete Ferrand wrote:
> >>>
> >>>
> >>>;>> Hey Ron, you had a q5 signal here nr Chicago. Tried to call you but
> >>> the connect request came through as connect request to CQ instead my
> >>> or anyone's call.
> >>>
> >>> -Pete
> >>> WB2QLL

> >>> Somers, WI
> >>>
> >>> -----Original Message-----
> >>> >From: Ron Wenig
> >
> >>> >Sent: Mar 9, 2013 5:12 PM
> >>> >To: V4Protocol@yahoogroups.com
> >
> >
> >>> >Subject: Re: [V4Protocol] Re: 14.073
> >>> >
> >>> >Hi guys, I just got in and saw the emails. I saw N4AY on
> 14105.515 dial
> >>> >and connected to him. We connected but I didn't receive any data from
> >>> >him. There seemed to be a couple of other stations close by. I'm in
> >>>; >Pennsylvania.
> >>> >
> >>> >Ron ny3j
> >>> >
> >>> >On 3/9/2013 5:56 PM, mike.k0ter wrote:
> >>> >>
> >>> >>
> >>> >>
> >>> >> --- In V4Protocol@yahoogroups.com
> >
> >>>
> >>> >> , "POB" wrote:
> >>> >> >
> >>> >> > It seems to me that the above frequency is shall we say polluted
> >>> >> with many varities of digital modes and of course all stations
> >>> pile in
> >>> >> this small space leaving v4 in the same situation.
> >>> >> >
> >>> >> > I myself would suggest for all v4 activity to move up
> frequency on
> >>> >> 20 meters into a quiet zone such as 14.107.5 to get away from the
> >>> >> circus of digital modes.
> >>> >>
> >>> >> 14.107.5 is within the 14.1005-14.112 segment allocated by
> >>> >> the FCC for automatically controlled stations and is used
> >>> >> by WL2K stations. It might be better to choose a frequency
> >>> >> above 14.112.
> >>> >>
> >>> >> 73, Mike, K0TER
> >>> >>
> >>> >>
> >>> >>
> >>> >
> >>>
> >>
> >>

>; >
>
>

3132. Re: [V4Protocol] 14.073

Yahoo group: V4Protocol
Date: 2013-03-09 23:58:30 UTC
From: Don Poaps
Topic: 3093 Message: 3132

I'm parked on 14.117.5 calling CQ

On Saturday, March 9, 2013, POB wrote:

> **
>
>
>
>
> --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');>, "mike.k0ter" <stansberrymj@...> wrote:
> >
> >
> >
> > --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');>, "POB" <bozo1945@> wrote:
> > >
> > > It seems to me that the above frequency is shall we say polluted with
> many varities of digital modes and of course all stations pile in this
> small space leaving v4 in the same situation.
> > >
> > > I myself would suggest for all v4 activity to move up frequency on 20
> meters into a quiet zone such as 14.107.5 to get away from the circus of
> digital modes.
> >
> > 14.107.5 is within the 14.1005-14.112 segment allocated by
> > the FCC for automatically controlled stations and is used
> > by WL2K stations. It might be better to choose a frequency
> > above 14.112.
> >
> > 73, Mike, K0TER
> >
> You are probably right,not sure of a frequency, but it is a mess on 20 and
> tonight pactor robots everywhere up to 14114 at moment.
> quiet around 14.117.50 maybe better.....
> POB/K8LEN
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member

Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3133. Re: [V4Protocol] 14.073

Yahoo group: V4Protocol
Date: 2013-03-10 00:31:20 UTC
From: Don Poaps
Topic: 3093 Message: 3133

I've dropped downtown 40 m. 7073

Later

Don va7dgp

On Saturday, March 9, 2013, Don Poaps wrote:

> I'm parked on 14.117.5 calling CQ
>
> On Saturday, March 9, 2013, POB wrote:
>
> **
>
>
>
>
> --- In V4Protocol@yahoogroups.com, "mike.k0ter" <stansberrymj@...> wrote:
> >
> >
> >
> > --- In V4Protocol@yahoogroups.com, "POB" <bozo1945@> wrote:
> > >
> > > It seems to me that the above frequency is shall we say polluted with
> many varities of digital modes and of course all stations pile in this
> small space leaving v4 in the same situation.
> > >
> > > I myself would suggest for all v4 activity to move up frequency on 20
> meters into a quiet zone such as 14.107.5 to get away from the circus of
> digital modes.
> >
> > 14.107.5 is within the 14.1005-14.112 segment allocated by
> > the FCC for automatically controlled stations and is used
> > by WL2K stations. It might be better to choose a frequency
> > above 14.112.
> >
> > 73, Mike, K0TER
> >
> You are probably right,not sure of a frequency, but it is a mess on 20 and
> tonight pactor robots everywhere up to 14114 at moment.
> quiet around 14.117.50 maybe better.....
> POB/K8LEN
>
>
> Reply via web post<http://groups.yahoo.com/group/V4Protocol/post;_ylc=X3oDMTJxM3JyNWQ0BF
9TAzk3MzU5NzE0BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMzMTMwBHNlYwNmdHIEc2xr

A3JwbHkEc3RpbWUDMTM2Mjg3MjY5MQ--?act=reply&messageNum=3130> Reply
> to sender Reply to group Start a New Topic<http://groups.yahoo.com/group/V4Protocol/post
;_ylc=X3oDMTJmNjhjYmJwBF9TAzk3MzU5NzE0BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMD
ZnRyBHNsawNudHBjBHN0aW1lAzEzNjI4NzI2OTE-> Messages
> in this topic<http://groups.yahoo.com/group/V4Protocol/message/3093;_ylc=X3oDMTM1ZmVuMGZ
yBF9TAzk3MzU5NzE0BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMzMTMwBHNlYwNmdHIEc
2xrA3Z0cGMEc3RpbWUDMTM2Mjg3MjY5MQR0cGNJZAMzMDkz>(19)
> Recent Activity:
>
> - New Members<http://groups.yahoo.com/group/V4Protocol/members;_ylc=X3oDMTJnMmQ0cm9zBF9T
Azk3MzU5NzE0BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2bWJycwRzdGltZQ
MxMzYyODcyNjkx?o=6>
> 4
> - New Photos<http://groups.yahoo.com/group/V4Protocol/spnew;_ylc=X3oDMTJnaHNhMmxuBF9TAzk
3MzU5NzE0BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2cGhvdARzdGltZQMxM
zYyODcyNjkx>
> 1
>
> Visit Y<http://groups.yahoo.com/group/V4Protocol;_ylc=X3oDMTJmYjUzY2Y5BF9TAzk3MzU5NzE0BG
dycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzEzNjI4NzI2OTE-
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>
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>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3134. CQ CQ CQ

Yahoo group: V4Protocol
Date: 2013-03-10 15:37:11 UTC
From: POB
Topic: 3134 Message: 3134

CQ ATT ON 14.112.5 DIAL FREQUENCY
POB/K8LEN

3135. Re: [V4Protocol] CQ CQ CQ

Yahoo group: V4Protocol
Date: 2013-03-10 15:49:07 UTC
From: Walter
Topic: 3134 Message: 3135
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Pob,

It is possible QSY 28110.0 ?

Walter Jr.

PY4ZO

Walter Jr

walterzo@...

Em 10/03/2013 12:37, POB escreveu:

CQ ATT ON 14.112.5 DIAL FREQUENCY
POB/K8LEN

3136. Re: [V4Protocol] CQ CQ CQ

Yahoo group: V4Protocol
Date: 2013-03-10 22:05:07 UTC
From: Don Poaps
Topic: 3134 Message: 3136
Attachments: 1 described; binary payloads are missing from this source WARC

I just got home. Will try 28.110

On Sunday, March 10, 2013, Walter wrote:

> **
>
>
> Hi Pob,
>
> It is possible QSY 28110.0 ?
>
> Walter Jr.
>
> * PY4ZO
> *
> * Walter Jr
> *
> walterzo@... <javascript:_e({}, 'cvml',
> 'walterzo@...');>
> Em 10/03/2013 12:37, POB escreveu:
>
>
>
> CQ ATT ON 14.112.5 DIAL FREQUENCY
> POB/K8LEN
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3137. Re: [V4Protocol] CQ CQ CQ

Yahoo group: V4Protocol
Date: 2013-03-10 22:12:22 UTC
From: Don Poaps
Topic: 3134 Message: 3137
Attachments: 1 described; binary payloads are missing from this source WARC

Dropped down to 20 m. 14.112.5

On Sunday, March 10, 2013, Don Poaps wrote:

> I just got home. Will try 28.110
>
> On Sunday, March 10, 2013, Walter wrote:
>
> **
>
>
> Hi Pob,
>
> It is possible QSY 28110.0 ?
>
> Walter Jr.
>
> * PY4ZO
> *
> * Walter Jr
> *
> walterzo@...
> Em 10/03/2013 12:37, POB escreveu:
>
>
>
> CQ ATT ON 14.112.5 DIAL FREQUENCY
> POB/K8LEN
>
>
>
> Reply via web post<http://groups.yahoo.com/group/V4Protocol/post;_ylc=X3oDMTJxZWJqOXUyBF9TAzk3MzU5NzE0BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMzMTM1BHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMTM2MjkzMDU1Mg--?act=reply&messageNum=3135> Reply
> to sender Reply to group Start a New Topic<http://groups.yahoo.com/group/V4Protocol/post;_ylc=X3oDMTJmYnRtZzg0BF9TAzk3MzU5NzE0BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNudHBjBHN0aW1lAzEzNjI5MzA1NTI-> Messages
> in this topic<http://groups.yahoo.com/group/V4Protocol/message/3134;_ylc=X3oDMTM1dWsybmlwBF9TAzk3MzU5NzE0BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMzMTM1BHNlYwNmdHIEc2xrA3Z0cGMEc3RpbWUDMTM2MjkzMDU1MgR0cGNJZAMzMTM0>(2)
> Recent Activity:
>
> - New Members<http://groups.yahoo.com/group/V4Protocol/members;_ylc=X3oDMTJnNWdpOGtyBF9TAzk3MzU5NzE0BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2bWJycwRzdGltZQ

MxMzYyOTMwNTUy?o=6>
> 5
> - New Photos<http://groups.yahoo.com/group/V4Protocol/spnew;_ylc=X3oDMTJnZmJhanFkBF9TAzk
3MzU5NzE0BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2cGhvdARzdGltZQMxM
zYyOTMwNTUy>
> 1
>
> Visit Your Group<http://groups.yahoo.com/group/V4Protocol;_ylc=X3oDMTJmazNyNDQ3BF9TAzk3M
zU5NzE0BGdycElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARzZWMDdnRsBHNsawN2Z2hwBHN0aW1lAzEzNjI
5MzA1NTI->
> <http://groups.yahoo.com/;_ylc=X3oDMTJldWo1ODZsBF9TAzk3NDc2NTkwBGdycElkAzcxODM1OTgwBGdyc
HNwSWQDMTcwNTA2MzEwOARzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTM2MjkzMDU1Mg-->
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
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>
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>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3138. Re: [V4Protocol] CQ CQ CQ

Yahoo group: V4Protocol
Date: 2013-03-10 22:23:23 UTC
From: Costas J. Dovas - SV4FFL
Topic: 3134 Message: 3138
Attachments: 1 described; binary payloads are missing from this source WARC

Trying to hear you Walter

73
Costas J. Dovas
SV4FFL
Loc: KM19li
e-mail: sv4ffl@...
Radio e-mail : sv4ffl@...
web: http://www.qsl.net/sv4ffl

----- Original Message -----
From: Don Poaps
To: V4Protocol@yahoogroups.com
Sent: Monday, March 11, 2013 12:12 AM
Subject: Re: [V4Protocol] CQ CQ CQ

Dropped down to 20 m. 14.112.5

On Sunday, March 10, 2013, Don Poaps wrote:

I just got home. Will try 28.110

On Sunday, March 10, 2013, Walter wrote:

Hi Pob,

It is possible QSY 28110.0 ?

Walter Jr.

PY4ZO

Walter Jr

walterzo@...

Em 10/03/2013 12:37, POB escreveu:

CQ ATT ON 14.112.5 DIAL FREQUENCY
POB/K8LEN

Reply via web post Reply to sender Reply to group Start a New Topic Messages in this topic (2)

Recent Activity:
a.. New Members 5
b.. New Photos 1
Visit Your Group

--

Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

--

Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3139. V4/14.112.5 dial freq

Yahoo group: V4Protocol
Date: 2013-03-10 23:22:34 UTC
From: POB
Topic: 3139 Message: 3139

This frequency works good, just had a pleasant qso with kh2df and no attack of the robots or anyone...
POB/K8LEN

3140. Re: Monitoring V4 Chat 14106.5 Dial / 14108 Center

Yahoo group: V4Protocol
Date: 2013-03-11 17:53:53 UTC
From: F S
Topic: 3106 Message: 3140

[Body unavailable in the source archive]

3141. Re: [V4Protocol] Monitoring V4 Chat 14106.5 Dial / 14108 Center

Yahoo group: V4Protocol
Date: 2013-03-11 18:07:26 UTC
From: Don Poaps
Topic: 3106 Message: 3141

Nothing came across. I won't be on till tomorrow. I'm having coffee with AB4OJ/VA7OJ in North Vancouver. He's not into Digital and I am. Go figure.

73

Don VA7DGP

On Monday, March 11, 2013, F S wrote:

> **
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3142. Well...what's next after I get a connect?

Yahoo group: V4Protocol
Date: 2013-03-12 00:38:37 UTC
From: kk4lac@rocketmail.com
Topic: 3142 Message: 3142

Sorry to ask a dumb question - -just trying to get things going. Sent out a CQ today and surprisingly got a response! Tried several volleys back and forth with N4WI. Received several "Connection Requests and even saw it say "Connected" at one point. Tried to send some text but we never seemed to get a "handshake" with each other. Wasn't sure what to do other than try to "chat". My text went out (transmissions occurred). But not sure he received anything. Tried both ARQ and FEC modes. Once it says connected shouldn't we be able to chat? If a call sign or connect request comes on the screen, do I need to do something to make the connection happen??

Been listening and trying the frequency list I saw in another post:
80 m: 3583 MHz USB
40 m: 7073 MHz USB
30 m: 10131 MHz USB, 10,136 MHz USB
20 m: 14073 MHz USB
17 m: 18085 MHz USB, 18,103 MHz USB
15 m: 21073 MHz USB

Also - trying to see if we can adapt this for EmComm use. Has anyone had any success doing a V4 net in FEC mode? Multiple stations copying the same transmissons?

Thanks!
Bob
KK4LAC

3143. RE: [V4Protocol] Well...what's next after I get a connect?

Yahoo group: V4Protocol
Date: 2013-03-12 00:51:40 UTC
From: Rick Westerfield
Topic: 3142 Message: 3143

You need the "queue the text" to get it into your outbound buffer. That will show up at the top of the display and you can watch it tick down as the other station acknowledges your sent text.

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kk4lac@...
Sent: Monday, March 11, 2013 7:39 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Well...what's next after I get a connect?

Sorry to ask a dumb question - -just trying to get things going. Sent out a CQ today and surprisingly got a response! Tried several volleys back and forth with N4WI. Received several "Connection Requests and even saw it say "Connected" at one point. Tried to send some text but we never seemed to get a "handshake" with each other. Wasn't sure what to do other than try to "chat". My text went out (transmissions occurred). But not sure he received anything. Tried both ARQ and FEC modes. Once it says connected shouldn't we be able to chat? If a call sign or connect request comes on the screen, do I need to do something to make the connection happen??

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20 m: 14073 MHz USB
17 m: 18085 MHz USB, 18,103 MHz USB
15 m: 21073 MHz USB

Also - trying to see if we can adapt this for EmComm use. Has anyone had any success doing a V4 net in FEC mode? Multiple stations copying the same transmissons?

Thanks!
Bob
KK4LAC

3144. RE: [V4Protocol] Well...what's next after I get a connect?

Yahoo group: V4Protocol
Date: 2013-03-12 00:54:14 UTC
From: Lyle Fisher
Topic: 3142 Message: 3144

I am wondering the same thing. I have tried using V-4 many times in the last year. I never have figured it out and gave up. FEC was the only one I could ever get connected to anyone with but after it was connected I could not send any text. I know others have had the same trouble.

Lyle N0LWF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kk4lac@...
Sent: Monday, March 11, 2013 7:39 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Well...what's next after I get a connect?

Sorry to ask a dumb question - -just trying to get things going. Sent out a CQ today and surprisingly got a response! Tried several volleys back and forth with N4WI. Received several "Connection Requests and even saw it say "Connected" at one point. Tried to send some text but we never seemed to get a "handshake" with each other. Wasn't sure what to do other than try to "chat". My text went out (transmissions occurred). But not sure he received anything. Tried both ARQ and FEC modes. Once it says connected shouldn't we be able to chat? If a call sign or connect request comes on the screen, do I need to do something to make the connection happen??

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20 m: 14073 MHz USB
17 m: 18085 MHz USB, 18,103 MHz USB
15 m: 21073 MHz USB

Also - trying to see if we can adapt this for EmComm use. Has anyone had any success doing a V4 net in FEC mode? Multiple stations copying the same transmissons?

Thanks!
Bob
KK4LAC

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.2904 / Virus Database: 2641/6160 - Release Date: 03/09/13

3145. Re: [V4Protocol] Well...what's next after I get a connect?

Yahoo group: V4Protocol
Date: 2013-03-12 01:33:38 UTC
From: Rick Muething
Topic: 3142 Message: 3145

Try reading the help on ARQ and FEC operation. Click File, Help Contents, Click Typical FEC operation or Typical ARQ operation. They work a little differently.

73,

Rick KN6KB (Author of V4)

From: Lyle Fisher
Sent: Monday, March 11, 2013 8:54 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Well...what's next after I get a connect?

I am wondering the same thing. I have tried using V-4 many times in the last year. I never have figured it out and gave up. FEC was the only one I could ever get connected to anyone with but after it was connected I could not send any text. I know others have had the same trouble.

Lyle N0LWF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kk4lac@rocketmail.com
Sent: Monday, March 11, 2013 7:39 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Well...what's next after I get a connect?

Sorry to ask a dumb question - -just trying to get things going. Sent out a CQ today and surprisingly got a response! Tried several volleys back and forth with N4WI. Received several "Connection Requests and even saw it say "Connected" at one point. Tried to send some text but we never seemed to get a "handshake" with each other. Wasn't sure what to do other than try to "chat". My text went out (transmissions occurred). But not sure he received anything. Tried both ARQ and FEC modes. Once it says connected shouldn't we be able to chat? If a call sign or connect request comes on the screen, do I need to do something to make the connection happen??

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Also - trying to see if we can adapt this for EmComm use. Has anyone had any success doing a V4 net in FEC mode? Multiple stations copying the same transmissons?

Thanks!
Bob

KK4LAC

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.2904 / Virus Database: 2641/6160 - Release Date: 03/09/13

3146. Net control using V4Chat and BELL

Yahoo group: V4Protocol
Date: 2013-03-12 12:34:53 UTC
From: la7um
Topic: 3146 Message: 3146

I am planning some easter exercice locally (maybe country wide). I want our RMS E users looking at V4Chat as well. A BELL alert sounding button might be handy.

I believe though that it must be client controllable shutting it off if operator is alert, but MUST work silent.

A handy setup might be simultanuous use of RMS E auto polling in telnet mode if inet. Auto polling in packet if available. Manual HF polling in either Winmor or Pactor for mail if the only option.

Some HF rigs perhaps give port conflicts opening V4 and RMSE at the same time? Perhaps CIV/CAT controll also might do that?

If using a SignaLink using its vox PTT controll and manual frequency controll of Rig, my IC 706 lets me listen stby V4Chat and RMS Expr Winmor HF at the same time. First come, first serve.

IF running FEC mode, no danger at all.

What about a BELL alert button?

73 Finn/LA7UM

3147. Re: [V4Protocol] Net control using V4Chat and BELL

Yahoo group: V4Protocol
Date: 2013-03-12 13:26:18 UTC
From: Rick Muething
Topic: 3146 Message: 3147

Finn,

Believe it or not I actually do have other things to do than program 24 hours a day..(it already consumes 6+ hours most days!).

The conflicts of V4 and RMS Express (com ports and sound cards) are simply because you can't have two programs talking to the same hardware at the same time. That is both a Windows restriction and a logical restriction. (Just like you and your wife can't drive the same car in two directions at the same time!)

And yes a special function could be done to intercept a special character and play a bell sound when it is received. There are also things I can do to increase the speed and improve the weak signal response and increase the robustness of V4. But honestly I just don't have the time now to do this. When Vic passed away we lost a significant (and very productive) fraction of our Winlink programming team so now we all are picking up the work Vic was doing and implementing important improvements on some of the Winlink programs and systems.

Perhaps when I am on a scheduled RV trip this summer I can spend some time with V4 but not now.

73,

Rick KN6KB (author of WINMOR and V4)

From: la7um
Sent: Tuesday, March 12, 2013 8:34 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Net control using V4Chat and BELL

I am planning some easter exercice locally (maybe country wide). I want our RMS E users looking at V4Chat as well. A BELL alert sounding button might be handy.

I believe though that it must be client controllable shutting it off if operator is alert, but MUST work silent.

A handy setup might be simultanuous use of RMS E auto polling in telnet mode if inet. Auto polling in packet if available. Manual HF polling in either Winmor or Pactor for mail if the only option.

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If using a SignaLink using its vox PTT controll and manual frequency controll of Rig, my IC 706 lets me listen stby V4Chat and RMS Expr Winmor HF at the same time. First come, first serve.

IF running FEC mode, no danger at all.

What about a BELL alert button?

73 Finn/LA7UM

3148. 14.107.5

Yahoo group: V4Protocol
Date: 2013-03-12 13:56:14 UTC
From: POB
Topic: 3103 Message: 3148

I am up on the above frequency 14.107.5 att for a while calling CQ.
POB/K8LEN

3149. Re: Net control using V4Chat and BELL

Yahoo group: V4Protocol
Date: 2013-03-12 14:02:32 UTC
From: apis.mellifera@...
Topic: 3146 Message: 3149

Hi,

I am using the N3ZH_software to control my M710 with V4. That works fine.

Depending on the environment I may be able to help with programming,
but as I am no fan of MS only if Borland C/C++ may be used. (The only thing I have with me heading out into the pacific).

Very nice would be to have a couple of freq. and times when we have a net with v4 users.

Rolf, SA7CCY

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Finn,
>
> Believe it or not I actually do have other things to do than program 24 hours a day..(it already consumes 6+ hours most days!).
>
> The conflicts of V4 and RMS Express (com ports and sound cards) are simply because you canâ□□t have two programs talking to the same hardware at the same time. That is both a Windows restriction and a logical restriction. (Just like you and your wife canâ□□t drive the same car in two directions at the same time!)
>
> And yes a special function could be done to intercept a special character and play a bell sound when it is received. There are also things I can do to increase the speed and improve the weak signal response and increase the robustness of V4. But honestly I just donâ□□t have the time now to do this. When Vic passed away we lost a significant (and very productive) fraction of our Winlink programming team so now we all are picking up the work Vic was doing and implementing important improvements on some of the Winlink programs and systems.
>
> Perhaps when I am on a scheduled RV trip this summer I can spend some time with V4 but not now.
>
> 73,
>
> Rick KN6KB (author of WINMOR and V4)
>
> From: la7um
> Sent: Tuesday, March 12, 2013 8:34 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Net control using V4Chat and BELL
>
>
> I am planning some easter exercice locally (maybe country wide). I want our RMS E users looking at V4Chat as well. A BELL alert sounding button might be handy.
>
> I believe though that it must be client controllable shutting it off if operator is alert, but MUST work silent.

>
> A handy setup might be simultanuous use of RMS E auto polling in telnet mode if inet. Auto polling in packet if available. Manual HF polling in either Winmor or Pactor for mail if the only option.
>
> Some HF rigs perhaps give port conflicts opening V4 and RMSE at the same time? Perhaps CIV/CAT controll also might do that?
>
> If using a SignaLink using its vox PTT controll and manual frequency controll of Rig, my IC 706 lets me listen stby V4Chat and RMS Expr Winmor HF at the same time. First come, first serve.
>
> IF running FEC mode, no danger at all.
>
> What about a BELL alert button?
>
> 73 Finn/LA7UM
>

3150. Re: [V4Protocol] 14.107.5

Yahoo group: V4Protocol
Date: 2013-03-12 14:14:53 UTC
From: Don Poaps
Topic: 3103 Message: 3150

Calling cq from BC. I don't think I'll reach as band not quite open here

Don VA7DGP

On Tuesday, March 12, 2013, POB wrote:

> **
>
>
> I am up on the above frequency 14.107.5 att for a while calling CQ.
> POB/K8LEN
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3151. RE: Flex 1500 Setup via VAC ports Help!

Yahoo group: V4Protocol
Date: 2013-03-12 14:34:22 UTC
From: ric5
Topic: 3103 Message: 3151

I'm new to the group, I'm running a Flex 1500 and FL110 amp . I run Fldigi 3.21.66 with no problems.(all modes) Also Flamp , however I cannot get V4 chat Sound Card TNC 1.0.20 to Xmit it receives fine. I tried the CQ function I see the software running CQ but it does not key the Flex ? I'm using VAC to sound card. Anyone got any setup screen shots please.

Rick Kd4jrx FM14ab

3152. Flex 1500 Setup via VAC ports Help!

Yahoo group: V4Protocol
Date: 2013-03-12 14:37:16 UTC
From: tharringtonricky
Topic: 3103 Message: 3152

I'm new to the group, I'm running a Flex 1500 and FL110 amp . I run Fldigi 3.21.66 with no problems.(all modes) Also Flamp , however I cannot get V4 chat Sound Card TNC 1.0.20 to Xmit it receives fine. I tried the CQ function I see the software running CQ but it does not key the Flex ? I'm using VAC to sound card. Anyone got any setup screen shots please. Rick Kd4jrx FM14ab

3153. Re: [V4Protocol] Re: Net control using V4Chat and BELL

Yahoo group: V4Protocol
Date: 2013-03-12 14:41:22 UTC
From: Alex Shafarenko
Topic: 3146 Message: 3153

On 12 Mar 2013, at 14:02, apis.mellifera@... wrote:

> Very nice would be to have a couple of freq. and times when we have a net with v4 users.

Hear hear

Alex M0SFR

3154. Re: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Yahoo group: V4Protocol
Date: 2013-03-12 14:42:45 UTC
From: Rick Muething
Topic: 3103 Message: 3154

Rick,

Did you look at the V4 Chat help on the Flex radios? There have been tests using this setup that work. On V4 Chat Click: Files, Help Index, Flex SDR Radios. Follow the setup which is based on using VAC. Be sure to check your latency times...very important for ARQ operation.

Rick KN6KB

From: ric5
Sent: Tuesday, March 12, 2013 10:34 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

I’m new to the group, I’m running a Flex 1500 and FL110 amp . I run Fldigi 3.21.66 with no problems.(all modes) Also Flamp , however I cannot get V4 chat Sound Card TNC 1.0.20 to Xmit it receives fine. I tried the CQ function I see the software running CQ but it does not key the Flex ? I’m using VAC to sound card. Anyone got any setup screen shots please.

Rick Kd4jrx FM14ab

3155. Re: Net control using V4Chat and BELL

Yahoo group: V4Protocol
Date: 2013-03-12 16:37:43 UTC
From: la7um
Topic: 3146 Message: 3155

Rick. Believe it, I understand the impact of the loss of Vic. My suggestion is kind of "BELLs and wistles".... Also charaterset UTF8 in due time would be handy.

But I don't understand that you can have time for doing anything else than programming. Perhaps wife is steering the car all the time so no conflict, and you are a back seat "programmer" when on the road, hihi.

Take it as mere suggestion at a time I remember it, for perhaps doing it when times comes.

73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Finn,
>
> Believe it or not I actually do have other things to do than program 24 hours a day..(it already consumes 6+ hours most days!).
>
> The conflicts of V4 and RMS Express (com ports and sound cards) are simply because you canâ□□t have two programs talking to the same hardware at the same time. That is both a Windows restriction and a logical restriction. (Just like you and your wife canâ□□t drive the same car in two directions at the same time!)
>
> And yes a special function could be done to intercept a special character and play a bell sound when it is received. There are also things I can do to increase the speed and improve the weak signal response and increase the robustness of V4. But honestly I just donâ□□t have the time now to do this. When Vic passed away we lost a significant (and very productive) fraction of our Winlink programming team so now we all are picking up the work Vic was doing and implementing important improvements on some of the Winlink programs and systems.
>
> Perhaps when I am on a scheduled RV trip this summer I can spend some time with V4 but not now.
>
> 73,
>
> Rick KN6KB (author of WINMOR and V4)
>
> From: la7um
> Sent: Tuesday, March 12, 2013 8:34 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Net control using V4Chat and BELL
>
>
> I am planning some easter exercice locally (maybe country wide). I want our RMS E users looking at V4Chat as well. A BELL alert sounding button might be handy.
>
> I believe though that it must be client controllable shutting it off if operator is alert, but MUST work silent.
>

> A handy setup might be simultanuous use of RMS E auto polling in telnet mode if inet. Auto polling in packet if available. Manual HF polling in either Winmor or Pactor for mail if the only option.
>
> Some HF rigs perhaps give port conflicts opening V4 and RMSE at the same time? Perhaps CIV/CAT controll also might do that?
>
> If using a SignaLink using its vox PTT controll and manual frequency controll of Rig, my IC 706 lets me listen stby V4Chat and RMS Expr Winmor HF at the same time. First come, first serve.
>
> IF running FEC mode, no danger at all.
>
> What about a BELL alert button?
>
> 73 Finn/LA7UM
>

3156. RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Yahoo group: V4Protocol
Date: 2013-03-12 16:49:51 UTC
From: ric5
Topic: 3103 Message: 3156

Thanks I’m going to eat lunch and walk away from it for a while. I had no problems setting up VAC Xmit to my Flex but this has worked me over for while 2 hours. I may try on the old FT-102 which has my Rigblaster box for a interface. That’s my RTTY setup it runs a cool 100 + watts all day long !

See If I can get to xmit via the cable , I sure I can . Maybe I can speak with some that has set the Flex and find out where my problem is.

Thank you for your help Rick

Rick Kd4jrx 73

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Tuesday, March 12, 2013 10:43 AM
To: V4Protocol@...m
Subject: Re: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Rick,

Did you look at the V4 Chat help on the Flex radios? There have been tests using this setup that work. On V4 Chat Click: Files, Help Index, Flex SDR Radios. Follow the setup which is based on using VAC. Be sure to check your latency times...very important for ARQ operation.

Rick KN6KB

From: ric5 <mailto:ric5@...>

Sent: Tuesday, March 12, 2013 10:34 AM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

I’m new to the group, I’m running a Flex 1500 and FL110 amp . I run Fldigi 3.21.66 with no problems.(all modes) Also Flamp , however I cannot get V4 chat Sound Card TNC 1.0.20 to Xmit it receives fine. I tried the CQ function I see the software running CQ but it does not key the Flex ? I’m using VAC to sound card. Anyone got any setup screen shots please.

Rick Kd4jrx FM14ab

3157. RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Yahoo group: V4Protocol
Date: 2013-03-12 17:25:34 UTC
From: Kirk
Topic: 3103 Message: 3157
Attachments: 2 described; binary payloads are missing from this source WARC

Ric,

I run my Flex1500, 3000 and 5000 using V4 with no problem. Sounds to me like you may be having problems with Com ports. Are you using virtual com ports? I'd be happy to walk you through setting up your Flex. Probably the easiest way to do this is to give me your telephone number and I'll give you a call.

73,

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of ric5
Sent: Tuesday, March 12, 2013 11:50 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Thanks I'm going to eat lunch and walk away from it for a while. I had no problems setting up VAC Xmit to my Flex but this has worked me over for while 2 hours. I may try on the old FT-102 which has my Rigblaster box for a interface. That's my RTTY setup it runs a cool 100 + watts all day long !

See If I can get to xmit via the cable , I sure I can . Maybe I can speak with some that has set the Flex and find out where my problem is.

Thank you for your help Rick

Rick Kd4jrx 73

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Tuesday, March 12, 2013 10:43 AM
To: V4Protocol@...m
Subject: Re: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Rick,

Did you look at the V4 Chat help on the Flex radios? There have been tests using this setup that work. On V4 Chat Click: Files, Help Index, Flex SDR Radios. Follow the setup which is based on using VAC. Be sure to check your latency times...very important for ARQ operation.

Rick KN6KB

From: ric5 <mailto:ric5@...>

Sent: Tuesday, March 12, 2013 10:34 AM

To: V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>

Subject: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

I’m new to the group, I’m running a Flex 1500 and FL110 amp . I run Fldigi 3.21.66 with no problems.(all modes) Also Flamp , however I cannot get V4 chat Sound Card TNC 1.0.20 to Xmit it receives fine. I tried the CQ function I see the software running CQ but it does not key the Flex ? I’m using VAC to sound card. Anyone got any setup screen shots please.

Rick Kd4jrx FM14ab

3158. Re: [V4Protocol] Net control using V4Chat and BELL

Yahoo group: V4Protocol
Date: 2013-03-12 17:30:12 UTC
From: Don Poaps
Topic: 3146 Message: 3158

I agree. Finding some one is hit and more like miss

Don
va7dgp

On Tuesday, March 12, 2013, Alex Shafarenko wrote:

> **
>
>
>
> On 12 Mar 2013, at 14:02, apis.mellifera@... <javascript:_e({},
> 'cvml', 'apis.mellifera@yahoo.se');> wrote:
>
> Very nice would be to have a couple of freq. and times when we have a net
> with v4 users.
>
>
> Hear hear
>
> Alex M0SFR
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3159. Re: [V4Protocol] Net control using V4Chat and BELL

Yahoo group: V4Protocol
Date: 2013-03-12 17:58:23 UTC
From: Ian Wade G3NRW
Topic: 3146 Message: 3159

___Original Message_____________________________________
From: Don Poaps <va7dgp@...>
Date: Tue, 12 Mar 2013 Time: 10:30:12

>I agree. Finding some one is hit and more like miss

The one-stop watering hole for arranging digital skeds is:

http://www.obriensweb.com/sked/index.php?board=digitalradio

It is in good use every day. Just post a message there, and you will be
talking V4 in a matter of minutes!

Also take a look at the 30m Band Utilization Chart to see where V4 fits
in on 30m:

http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

--
73
Ian, G3NRW

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

The UK 60m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/UK_60m_band_utilization.htm

The 160m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/160m_band_utilization.htm

3160. RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Yahoo group: V4Protocol
Date: 2013-03-12 18:10:08 UTC
From: ric5
Topic: 3103 Message: 3160

Kirk yes I'm running a Flex 1500 using VAC sound card control, and also Rig control with FLdigi 3.21.66 with NO problems at all.

You got screen shots ? Or you want me to call you via land line?

Rick Kd4jrx

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Kirk
Sent: Tuesday, March 12, 2013 1:26 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Ric,

I run my Flex1500, 3000 and 5000 using V4 with no problem. Sounds to me like you may be having problems with Com ports. Are you using virtual com ports? I'd be happy to walk you through setting up your Flex. Probably the easiest way to do this is to give me your telephone number and I'll give you a call.

73,

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of ric5
Sent: Tuesday, March 12, 2013 11:50 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Thanks I'm going to eat lunch and walk away from it for a while. I had no problems setting up VAC Xmit to my Flex but this has worked me over for while 2 hours. I may try on the old FT-102 which has my Rigblaster box for a interface. That's my RTTY setup it runs a cool 100 + watts all day long !

See If I can get to xmit via the cable , I sure I can . Maybe I can speak with some that has set the Flex and find out where my problem is.

Thank you for your help Rick

Rick Kd4jrx 73

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Tuesday, March 12, 2013 10:43 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Rick,

Did you look at the V4 Chat help on the Flex radios? There have been tests using this setup that work. On V4 Chat Click: Files, Help Index, Flex SDR Radios. Follow the setup which is based on using VAC. Be sure to check your latency times...very important for ARQ operation.

Rick KN6KB

From: ric5 <mailto:ric5@...>

Sent: Tuesday, March 12, 2013 10:34 AM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

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Rick Kd4jrx FM14ab

3161. RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Yahoo group: V4Protocol
Date: 2013-03-12 21:23:47 UTC
From: Kirk
Topic: 3103 Message: 3161
Attachments: 2 described; binary payloads are missing from this source WARC

Ric,

I don’t have any screen shots although I can make one for you. However, I think you may need to use a program that creates a virtual com port versus FLDIGI as your rig control. There are two that come to mind and either one is good. The first is Com0Com and is available via the Flex Radio knowledge base http://kc.flexradio.com/KnowledgebaseArticle50062.aspx and the other VSPmgr (which is the one I use). It’s available from Steve Nance, K5FR who has written the very fine program DDUTIL. http://k5fr.com/ddutilwiki/index.php?title=Main_Page In order to get VSPmgr you will have to make an email request Steve. Steve will be very quick to respond to your email. If you need further assistance, please email me your phone number directly and I’ll give you a call. My email is listed in QRZ.com.

73,

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of ric5
Sent: Tuesday, March 12, 2013 1:10 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!
Importance: High

Kirk yes I’m running a Flex 1500 using VAC sound card control, and also Rig control with FLdigi 3.21.66 with NO problems at all.

You got screen shots ? Or you want me to call you via land line?

Rick Kd4jrx

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Sent: Tuesday, March 12, 2013 1:26 PM
To: V4Protocol@yahoogroups.com
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Kirk, K6KAR

Niceville, FL

From: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com [<mailto:V4Protocol@yahoogroups.com> mailto:V4Protocol@yahoogroups.com] On Behalf Of ric5
Sent: Tuesday, March 12, 2013 11:50 AM
To: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

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Rick Kd4jrx 73

From: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com [<mailto:V4Protocol@yahoogroups.com> mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Tuesday, March 12, 2013 10:43 AM
To: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

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Rick KN6KB

From: <mailto:ric5@...> ric5

Sent: Tuesday, March 12, 2013 10:34 AM

To: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com

Subject: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

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Rick Kd4jrx FM14ab

3162. RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Yahoo group: V4Protocol
Date: 2013-03-12 23:09:30 UTC
From: ric5
Topic: 3103 Message: 3162
Attachments: 3 described; binary payloads are missing from this source WARC

Kirk,

Take a look at theses screen shots anything stands out?

Thanks Rick Kd4jrx

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Kirk
Sent: Tuesday, March 12, 2013 5:24 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Ric,

I don’t have any screen shots although I can make one for you. However, I think you may need to use a program that creates a virtual com port versus FLDIGI as your rig control. There are two that come to mind and either one is good. The first is Com0Com and is available via the Flex Radio knowledge base http://kc.flexradio.com/KnowledgebaseArticle50062.aspx and the other VSPmgr (which is the one I use). It’s available from Steve Nance, K5FR who has written the very fine program DDUTIL. http://k5fr.com/ddutilwiki/index.php?title=Main_Page In order to get VSPmgr you will have to make an email request Steve. Steve will be very quick to respond to your email. If you need further assistance, please email me your phone number directly and I’ll give you a call. My email is listed in QRZ.com.

73,

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of ric5
Sent: Tuesday, March 12, 2013 1:10 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!
Importance: High

Kirk yes I’m running a Flex 1500 using VAC sound card control, and also Rig control with FLdigi 3.21.66 with NO problems at all.

You got screen shots ? Or you want me to call you via land line?

Rick Kd4jrx

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Sent: Tuesday, March 12, 2013 1:26 PM
To: V4Protocol@yahoogroups.com
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Kirk, K6KAR

Niceville, FL

From: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com [<mailto:V4Protocol@yahoogroups.com> mailto:V4Protocol@yahoogroups.com] On Behalf Of ric5
Sent: Tuesday, March 12, 2013 11:50 AM
To: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

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Thank you for your help Rick

Rick Kd4jrx 73

From: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com [<mailto:V4Protocol@yahoogroups.com> mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Tuesday, March 12, 2013 10:43 AM
To: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com
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Rick KN6KB

From: <mailto:ric5@...> ric5

Sent: Tuesday, March 12, 2013 10:34 AM

To: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com

Subject: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

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Rick Kd4jrx FM14ab

3163. Re: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Yahoo group: V4Protocol
Date: 2013-03-12 23:27:19 UTC
From: <rgrace3@...>
Topic: 3103 Message: 3163

De WA6OWM
Rick,
I believe the Flex-1500 will only support 48000, (Flex-3000=96000/Flex-5000=192000).
WA6OWM

From: ric5
Sent: Tuesday, March 12, 2013 4:09 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Kirk,

Take a look at theses screen shots anything stands out?

Thanks Rick Kd4jrx

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Kirk
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To: V4Protocol@yahoogroups.com
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Importance: High

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Kirk, K6KAR

Niceville, FL

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Sent: Tuesday, March 12, 2013 11:50 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

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Rick KN6KB

From: ric5

Sent: Tuesday, March 12, 2013 10:34 AM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

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Rick Kd4jrx FM14ab

3164. RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Yahoo group: V4Protocol
Date: 2013-03-13 00:32:13 UTC
From: ric5
Topic: 3103 Message: 3164

It did not change anything??

Rick Kd4jrx

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of rgrace3@...
Sent: Tuesday, March 12, 2013 7:27 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

De WA6OWM

Rick,

I believe the Flex-1500 will only support 48000, (Flex-3000=96000/Flex-5000=192000).

WA6OWM

From: ric5 <mailto:ric5@...t>

Sent: Tuesday, March 12, 2013 4:09 PM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Kirk,

Take a look at theses screen shots anything stands out?

Thanks Rick Kd4jrx

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Kirk
Sent: Tuesday, March 12, 2013 5:24 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Ric,

I don’t have any screen shots although I can make one for you. However, I think you may need to use a program that creates a virtual com port versus FLDIGI as your rig control. There are two that come to mind and either one is good. The first is Com0Com and is available via the Flex Radio knowledge base http://kc.flexradio.com/KnowledgebaseArticle50062.aspx and the other VSPmgr (which is the one I use). It’s available from Steve Nance, K5FR who has written the very fine program DDUTIL. http://k5fr.com/ddutilwiki/index.php?title=Main_Page In order to get VSPmgr you will have to make an email request Steve. Steve will be very quick to respond to your email. If you need further assistance, please email me your phone number directly and I’ll give you a call. My email is listed in QRZ.com.

73,

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of ric5
Sent: Tuesday, March 12, 2013 1:10 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!
Importance: High

Kirk yes I'm running a Flex 1500 using VAC sound card control, and also Rig control with FLdigi 3.21.66 with NO problems at all.

You got screen shots ? Or you want me to call you via land line?

Rick Kd4jrx

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Kirk
Sent: Tuesday, March 12, 2013 1:26 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Ric,

I run my Flex1500, 3000 and 5000 using V4 with no problem. Sounds to me like you may be having problems with Com ports. Are you using virtual com ports? I'd be happy to walk you through setting up your Flex. Probably the easiest way to do this is to give me your telephone number and I'll give you a call.

73,

Kirk, K6KAR

Niceville, FL

From: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com [
<mailto:V4Protocol@yahoogroups.com> mailto:V4Protocol@yahoogroups.com] On Behalf Of ric5
Sent: Tuesday, March 12, 2013 11:50 AM
To: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Thanks I'm going to eat lunch and walk away from it for a while. I had no problems setting up VAC Xmit to my Flex but this has worked me over for while 2 hours. I may try on the old FT-102 which has my Rigblaster box for a interface. That's my RTTY setup it runs a cool 100 + watts all day long !

See If I can get to xmit via the cable , I sure I can . Maybe I can speak with some that has set the Flex and find out where my problem is.

Thank you for your help Rick

Rick Kd4jrx 73

From: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com [
<mailto:V4Protocol@yahoogroups.com> mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Tuesday, March 12, 2013 10:43 AM
To: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Rick,

Did you look at the V4 Chat help on the Flex radios? There have been tests using this setup that work. On V4 Chat Click: Files, Help Index, Flex SDR Radios. Follow the setup which is based on using VAC. Be sure to check your latency times...very important for ARQ operation.

Rick KN6KB

From: <mailto:ric5@...> ric5

Sent: Tuesday, March 12, 2013 10:34 AM

To: <mailto:V4Protocol@yahoogroups.com> V4Protocol@yahoogroups.com

Subject: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

I’m new to the group, I’m running a Flex 1500 and FL110 amp . I run Fldigi 3.21.66 with no problems.(all modes) Also Flamp , however I cannot get V4 chat Sound Card TNC 1.0.20 to Xmit it receives fine. I tried the CQ function I see the software running CQ but it does not key the Flex ? I’m using VAC to sound card. Anyone got any setup screen shots please.

Rick Kd4jrx FM14ab

3165. Re: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Yahoo group: V4Protocol
Date: 2013-03-13 04:40:15 UTC
From: <rgrace3@...>
Topic: 3103 Message: 3165

http://kc.flexradio.com/KnowledgebaseArticle50230.aspx

Not sure what you mean “It did not change anything??
Did you follow the instruction in this Knowledgebase application note?
Good luck
WA6OWM

From: ric5
Sent: Tuesday, March 12, 2013 5:32 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

It did not change anything??

Rick Kd4jrx

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of rgrace3@...
Sent: Tuesday, March 12, 2013 7:27 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

De WA6OWM

Rick,

I believe the Flex-1500 will only support 48000, (Flex-3000=96000/Flex-5000=192000).

WA6OWM

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Thank you for your help Rick

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Rick,

Did you look at the V4 Chat help on the Flex radios? There have been tests using this setup that work. On V4 Chat Click: Files, Help Index, Flex SDR Radios. Follow the setup which is based on using VAC. Be sure to check your latency times...very important for ARQ operation.

Rick KN6KB

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To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

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Rick Kd4jrx FM14ab

3166. RE: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

Yahoo group: V4Protocol
Date: 2013-03-13 04:45:14 UTC
From: ric5
Topic: 3103 Message: 3166
Attachments: 3 described; binary payloads are missing from this source WARC

Rick,

I’m good to go got up and running xmit and recv both, Just need to read the docs some more and a little air time. Thank you for yur help. See screen shots.

Rick Kd4jrx FM14ab

AAR4UK Mars

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of rgrace3@verizon.net
Sent: Wednesday, March 13, 2013 12:40 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] RE: Flex 1500 Setup via VAC ports Help!

http://kc.flexradio.com/KnowledgebaseArticle50230.aspx

Not sure what you mean “It did not change anything??

Did you follow the instruction in this Knowledgebase application note?

Good luck

WA6OWM

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Sent: Tuesday, March 12, 2013 7:27 PM
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Rick Kd4jrx FM14ab

3167. QRV V4 14073

Yahoo group: V4Protocol
Date: 2013-03-15 09:09:21 UTC
From: Juhani
Topic: 3071 Message: 3167

73 "Yussuf" OH7TE

3168. I sit on 10145,5 (was Re: QRV V4 14073)

Yahoo group: V4Protocol
Date: 2013-03-18 09:05:01 UTC
From: la7um
Topic: 3071 Message: 3168

Yussuf. Today and maybe some days for other tests I'll sit on 10145,5 Dial in ARQ. You may test a line ARQ. Some in and out of the shack while working. HAMCap shows 30m good daytime (generally now).

73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>
> 73 "Yussuf" OH7TE
>

3169. Re: [V4Protocol] I sit on 10145,5 (was Re: QRV V4 14073)

Yahoo group: V4Protocol
Date: 2013-03-18 09:53:02 UTC
From: Yussuf
Topic: 3071 Message: 3169

2013/3/18 la7um <la7um@...>

> **
>
>
> Yussuf. Today and maybe some days for other tests I'll sit on 10145,5 Dial
> in ARQ. You may test a line ARQ. Some in and out of the shack while
> working. HAMCap shows 30m good daytime (generally now).
>
> 73. Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
> >
> > 73 "Yussuf" OH7TE
> >
>
>
>
Okay Fin,

I have OFCD 80-10m but seems 10 Mhz area is oka vith ATU.
SO I'm now QRV v4 1045.5 MHz USB and calling you or CQ / intermittent
action.

CU SN!

--
73 OH7TE Yussuf
*** JAWA dvoudobý - Česká mechanická muzika! ***

3170. I sit on 10145,5 (was Re: QRV V4 14073)

Yahoo group: V4Protocol
Date: 2013-03-18 10:35:47 UTC
From: la7um
Topic: 3071 Message: 3170

Yussuf, so far no hear, but from Oslo to Finland is a "starting time now 1000UTC. Next hour and onwards HAMCap shows normally stronger signals.

20m on 1200UTC Seems best, but I am on 10145,5 dial.

Usually the 40m RMSs near Helsinki are good here, so 40m (or in between) probably is theoretichal usable frequencies. Not so good just now, so conds not good I think.

Tuned G5RV here.

Finn

--- In V4Protocol@yahoogroups.com, Yussuf <yufenau@...> wrote:
>
> 2013/3/18 la7um <la7um@...>
>
> > **
> > >
> > >
> > Yussuf. Today and maybe some days for other tests I'll sit on 10145,5 Dial
> > in ARQ. You may test a line ARQ. Some in and out of the shack while
> > working. HAMCap shows 30m good daytime (generally now).
> > >
> > 73. Finn/LA7UM
> > >
> > --- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@> wrote:
> > >
> > > 73 "Yussuf" OH7TE
> > >
> > >
> > >
> > >
> Okay Fin,
>
> I have OFCD 80-10m but seems 10 Mhz area is oka vith ATU.
> SO I'm now QRV v4 1045.5 MHz USB and calling you or CQ / intermittent
> action.
>
>
> CU SN!
>
> --
> 73 OH7TE Yussuf
> *** JAWA dvoudobý - Èeská mechanická muzika! ***
>

3171. New - help using FT897 and V4Chat

Yahoo group: V4Protocol
Date: 2013-03-18 14:18:44 UTC
From: pjaway63
Topic: 3171 Message: 3171

Hi

Sorry very new to v4

I have an ft897 connected to a cat lead and minipro zlp data interface.

This works well using hrd + dm780 , psk, rtty etc.

I tried most of Sunday to get v4 working. Please if you use a ft897 could you confirm which mode and settings you use.

I was monitoring 14.073 and 7.073 - but could not pick anything up

Tried calling cq no errors but no response

Thanks

Paul

3172. I sit on 10145,5 (was Re: QRV V4 14073)

Yahoo group: V4Protocol
Date: 2013-03-18 14:29:19 UTC
From: la7um
Topic: 3071 Message: 3172

Wow, Yussuf. What super 30m 5.9 links we had, and still have even if 40m RMS Winmor close by was marginal (4.0). My turn having a walk, hi.
73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "la7um" <la7um@...> wrote:
>
> Yussuf, so far no hear, but from Oslo to Finland is a "starting time now 1000UTC. Next hour and onwards HAMCap shows normally stronger signals.
>
> 20m on 1200UTC Seems best, but I am on 10145,5 dial.
>
> Usually the 40m RMSs near Helsinki are good here, so 40m (or in between) probably is theoretichal usable frequencies. Not so good just now, so conds not good I think.
>
> Tuned G5RV here.
>
> Finn
>
> --- In V4Protocol@yahoogroups.com, Yussuf <yufenau@> wrote:
> >
> > 2013/3/18 la7um <la7um@>
> >
> > > **
> > >
> > >
> > > Yussuf. Today and maybe some days for other tests I'll sit on 10145,5 Dial
> > > in ARQ. You may test a line ARQ. Some in and out of the shack while
> > > working. HAMCap shows 30m good daytime (generally now).
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> > > 73. Finn/LA7UM
> > >
> > > --- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@> wrote:
> > > >
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> > >
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> > --
> > 73 OH7TE Yussuf
> > *** JAWA dvoudobý - Èeská mechanická muzika! ***
> >
>

3173. Re: [V4Protocol] New - help using FT897 and V4Chat

Yahoo group: V4Protocol
Date: 2013-03-18 15:23:11 UTC
From: RICK WESTERFIELD
Topic: 3171 Message: 3173

It is a rather rare mode, unfortunately. I like it but on a RTTY contest weekend, its even harder to find somebody to chat with.

You can try scheduling a contact here so that you can get your radio settings de-loused. I am available tonight after work (post 5 pm or so) until 6:45 and then again after 8 pm. The 6D1 MARS digital net runs from 7-8 or I would help you straight through the evening.

It does take a typing and chatting knack to get your "ready to send" data into the Outbound Queue but we can sort through that tonight.

Just name a freq and time.

Rick KH2DF/W5

Sent from Yahoo! Mail on Android

3174. Re: [V4Protocol] New - help using FT897 and V4Chat

Yahoo group: V4Protocol
Date: 2013-03-18 15:30:59 UTC
From: Don Poaps
Topic: 3171 Message: 3174

I guess you maybe at work. Sitting on 14.073 is really a lost cause like
Rick Mentioned. I'm parked on 14.106.5. If anyone is interested.

73

Don

On Monday, March 18, 2013, RICK WESTERFIELD wrote:

> **
>
>
> It is a rather rare mode, unfortunately. I like it but on a RTTY contest
> weekend, its even harder to find somebody to chat with.
>
> You can try scheduling a contact here so that you can get your radio
> settings de-loused. I am available tonight after work (post 5 pm or so)
> until 6:45 and then again after 8 pm. The 6D1 MARS digital net runs from
> 7-8 or I would help you straight through the evening.
>
> It does take a typing and chatting knack to get your "ready to send" data
> into the Outbound Queue but we can sort through that tonight.
>
> Just name a freq and time.
>
> Rick KH2DF/W5
>
> Sent from Yahoo! Mail on Android
>
> ------------------------------
> * From: * pjaway63 <me@... <javascript:_e({}, 'cvml',
> 'me@...');>>;
> * To: * <V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>>;
> * Subject: * [V4Protocol] New - help using FT897 and V4Chat
> * Sent: * Mon, Mar 18, 2013 2:18:44 PM
>
>
>
>
> Hi
>
> Sorry very new to v4
>
> I have an ft897 connected to a cat lead and minipro zlp data interface.
>
> This works well using hrd + dm780 , psk, rtty etc.

>
> I tried most of Sunday to get v4 working. Please if you use a ft897 could
> you confirm which mode and settings you use.
>
> I was monitoring 14.073 and 7.073 - but could not pick anything up
>
> Tried calling cq no errors but no response
>
> Thanks
>
> Paul
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3175. I sit on 10145,5 (was Re: QRV V4 14073)

Yahoo group: V4Protocol
Date: 2013-03-19 15:41:00 UTC
From: truckerdon1949
Topic: 3071 Message: 3175

For your info, I gave a holler on 10.145.5 a few times yesterday. I will also try a few times during the day. This will be done between the Honey Do List.

73

Don
VA7DGP
--- In V4Protocol@yahoogroups.com, Yussuf <yufenau@...> wrote:
>
> 2013/3/18 la7um <la7um@...>
>
> > **
> >
> >
> > Yussuf. Today and maybe some days for other tests I'll sit on 10145,5 Dial
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> Okay Fin,
>
> I have OFCD 80-10m but seems 10 Mhz area is oka vith ATU.
> SO I'm now QRV v4 1045.5 MHz USB and calling you or CQ / intermittent
> action.
>
>
> CU SN!
>
> --
> 73 OH7TE Yussuf
> *** JAWA dvoudobý - Èeská mechanická muzika! ***
>

3176. I sit on 10145,5 (was Re: QRV V4 14073)

Yahoo group: V4Protocol
Date: 2013-03-19 23:33:40 UTC
From: la7um
Topic: 3071 Message: 3176

Don. No hear so far. I still sit a few couple of days for some norwegian tests. Germany and Finland heard exellent. Also short local tests 40m and 60m.
80m too noisy background.

In easter a totally other drill.

Don't expect too much. G5RV and ca 40W

73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "truckerdon1949" <va7dgp@...> wrote:
>
>
> For your info, I gave a holler on 10.145.5 a few times yesterday. I will also try a few times during the day. This will be done between the Honey Do List.
>
> 73
>
> Don
> VA7DGP
> --- In V4Protocol@yahoogroups.com, Yussuf <yufenau@> wrote:
> >
> > 2013/3/18 la7um <la7um@>
> >
> > > **
> > >
> > >
> > > Yussuf. Today and maybe some days for other tests I'll sit on 10145,5 Dial
> > > in ARQ. You may test a line ARQ. Some in and out of the shack while
> > > working. HAMCap shows 30m good daytime (generally now).
> > >
> > > 73. Finn/LA7UM
> > >
> > > --- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@> wrote:
> > > >
> > > > 73 "Yussuf" OH7TE
> > > >
> > >
> > >
> > >
> > > Okay Fin,
> > >
> > > I have OFCD 80-10m but seems 10 Mhz area is oka vith ATU.
> > > SO I'm now QRV v4 1045.5 MHz USB and calling you or CQ / intermittent
> > > action.
> > >

> >
> > CU SN!
> >
> > --
> > 73 OH7TE Yussuf
> > *** JAWA dvoudobý - Èeská mechanická muzika! ***
> >
>

3177. Re: [V4Protocol] I sit on 10145,5 (was Re: QRV V4 14073)

Yahoo group: V4Protocol
Date: 2013-03-20 00:11:45 UTC
From: Don Poaps
Topic: 3071 Message: 3177

You never know. I too have a 130 Center fed horizontal antenna. Calling cq
on 30 m

73

Don va7dgp

On Tuesday, March 19, 2013, la7um wrote:

> **
>
>
> Don. No hear so far. I still sit a few couple of days for some norwegian
> tests. Germany and Finland heard exellent. Also short local tests 40m and
> 60m.
> 80m too noisy background.
>
> In easter a totally other drill.
>
> Don't expect too much. G5RV and ca 40W
>
> 73 Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');>, "truckerdon1949" <va7dgp@...> wrote:
> >
> >
> > For your info, I gave a holler on 10.145.5 a few times yesterday. I will
> also try a few times during the day. This will be done between the Honey Do
> List.
> >
> > 73
> >
> > Don
> > VA7DGP
> > --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');>, Yussuf <yufenau@> wrote:
> > >
> > > 2013/3/18 la7um <la7um@>
> > >
> > > > **
> > > >
> > > >
> > > > Yussuf. Today and maybe some days for other tests I'll sit on
> 10145,5 Dial
> > > > in ARQ. You may test a line ARQ. Some in and out of the shack while

> > > > working. HAMCap shows 30m good daytime (generally now).
> > > >
> > > > 73. Finn/LA7UM
> > > >
> > > > --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');>, "Juhani" <yufenau@> wrote:
> > > > >
> > > > > 73 "Yussuf" OH7TE
> > > > >
> > > > >
> > > > >
> > > > >
> > > Okay Fin,
> > > >
> > > I have OFCD 80-10m but seems 10 Mhz area is oka vith ATU.
> > > SO I'm now QRV v4 1045.5 MHz USB and calling you or CQ / intermittent
> > > action.
> > > >
> > > >
> > > CU SN!
> > > >
> > > --
> > > 73 OH7TE Yussuf
> > > *** JAWA dvoudobý - Èeská mechanická muzika! ***
> > > >
> > >
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3178. calling CQ on USB 10145.5

Yahoo group: V4Protocol
Date: 2013-03-20 19:31:18 UTC
From: Alex Shafarenko
Topic: 3178 Message: 3178

de M0SFR

3179. Re: [V4Protocol] calling CQ on USB 10145.5

Yahoo group: V4Protocol
Date: 2013-03-20 19:34:56 UTC
From: Don Poaps
Topic: 3178 Message: 3179

I was on earlier today. When I get home I'll give a holler

73

Don va7dgp

On Wednesday, March 20, 2013, Alex Shafarenko wrote:

> **
>
>
> de M0SFR
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3180. Re: [V4Protocol] calling CQ on USB 10145.5

Yahoo group: V4Protocol
Date: 2013-03-20 19:57:38 UTC
From: Ian Wade G3NRW
Topic: 3178 Message: 3180

___Original Message_____________________________________
From: Alex Shafarenko <m0sfr@...>
Date: Wed, 20 Mar 2013 Time: 19:31:18

>de M0SFR

Hi Alex

The usual dial frequencies on 30m are 10.131 and 10.136. See the 30m
Band Utilization Chart here:

http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

I am calling CQ now on 10.131

--
73
Ian, G3NRW

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

The UK 60m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/UK_60m_band_utilization.htm

The 160m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/160m_band_utilization.htm

3181. Re: [V4Protocol] calling CQ on USB 10145.5

Yahoo group: V4Protocol
Date: 2013-03-20 20:22:51 UTC
From: Don Poaps
Topic: 3178 Message: 3181

I think that freq came from la7um and on7te testing v4 from their neck if the woods. I've been calling cq when I've been home but no luck with Finn or Yussef

Don va7dgp

On Wednesday, March 20, 2013, Ian Wade G3NRW wrote:

> **
>
>
> ___Original Message_____
> From: Alex Shafarenko <m0sfr@... <javascript:_e({}, 'cvml',
> 'm0sfr%40shafarenko.org');>>
> Date: Wed, 20 Mar 2013 Time: 19:31:18
>
> >de M0SFR
>
> Hi Alex
>
> The usual dial frequencies on 30m are 10.131 and 10.136. See the 30m
> Band Utilization Chart here:
>
> http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
>
> I am calling CQ now on 10.131
>
> --
> 73
> Ian, G3NRW
>
> The 30m Band Utilization Chart:
> http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
>
> The UK 60m Band Utilization Chart:
> http://homepage.ntlworld.com/wadei/UK_60m_band_utilization.htm
>
> The 160m Band Utilization Chart:
> http://homepage.ntlworld.com/wadei/160m_band_utilization.htm
>
>
>

--
Don Poaps
New Westminster, BC

VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3182. Re: [V4Protocol] calling CQ on USB 10145.5

Yahoo group: V4Protocol
Date: 2013-03-20 21:15:48 UTC
From: Yussuf
Topic: 3178 Message: 3182

Tomorrow I will be on 10 m band agian.
Lets see QRG later.

--
73 OH7TE Yussuf
*** JAWA dvoudobý - Česká mechanická muzika! ***

3183. Re: [V4Protocol] calling CQ on USB 10145.5

Yahoo group: V4Protocol
Date: 2013-03-20 21:25:39 UTC
From: Ian Wade G3NRW
Topic: 3178 Message: 3183

___Original Message_____________________________________
From: Yussuf <yufenau@...>
Date: Wed, 20 Mar 2013 Time: 23:15:48

>Tomorrow I will be on 10 m band agian.
>Lets see QRG later.
>

That's great. Could you post a message with the frequency details on
K3UK's digital reflector:

http://www.obriensweb.com/sked/index.php?board=digitalradio

That is where many people look for digital signals.

--
73
Ian, G3NRW

3184. Re: calling CQ on USB 10145.5

Yahoo group: V4Protocol
Date: 2013-03-20 23:32:22 UTC
From: la7um
Topic: 3178 Message: 3184

Akex. I was away, still sitting there. Copied ur signals beautifully from a qso with another guy, Robert...after a CQ around 1930 UTC. Calling a SM5 station. We could have done a good one.

I also just before could see a M0 nice signals station calling CQ and Calling VA7DGP Don.

73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, Alex Shafarenko <m0sfr@...> wrote:
>
> de M0SFR
>

3185. Re: calling CQ on USB 10145.5

Yahoo group: V4Protocol
Date: 2013-03-20 23:36:10 UTC
From: la7um
Topic: 3178 Message: 3185

Don. Did not hear you. Still sitting on frq, so please try, just to check link propagation. My test is some local norwegian propagation test.

73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@...> wrote:
>
> I was on earlier today. When I get home I'll give a holler
>
> 73
>
> Don va7dgp
>
> On Wednesday, March 20, 2013, Alex Shafarenko wrote:
>
> > **
> >
> >
> > de M0SFR
> >
> >
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>

3186. Re: calling CQ on USB 10145.5

Yahoo group: V4Protocol
Date: 2013-03-20 23:41:07 UTC
From: la7um
Topic: 3178 Message: 3186

Jussuf. Just tried you 2340UTC, no answer, but not expected either according to HAMCap 1.8.
I still sit on this frq. for some local norw tests.
Finn/LA7UM

--- In V4Protocol@yahoogroups.com, Yussuf <yufenau@...> wrote:
>
> Tomorrow I will be on 10 m band agian.
> Lets see QRG later.
>
> --
> 73 OH7TE Yussuf
> *** JAWA dvoudobý - Èeská mechanická muzika! ***
>

3187. Re: calling CQ on USB 10145.5

Yahoo group: V4Protocol
Date: 2013-03-20 23:50:46 UTC
From: la7um
Topic: 3178 Message: 3187

Ian. Thanks for your info. My sitting there is intentionally for some local norwegian tests a couple of days before a drill. Not splitting the "water holes".

Thought that someone might use the opportunity.

Later I probably will try your mentioned frequencies. And spread your info to other participants.

We also in between short tests jumped to 40m and 60m and 80m (80 did not work due to local noise, but 40 and 60 very nice.

73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, Ian Wade G3NRW <g3nrw-radio@...> wrote:
>
> ___Original Message_____
> From: Alex Shafarenko <m0sfr@...>
> Date: Wed, 20 Mar 2013 Time: 19:31:18
>
> >de M0SFR
>
> Hi Alex
>
> The usual dial frequencies on 30m are 10.131 and 10.136. See the 30m
> Band Utilization Chart here:
>
> http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
>
> I am calling CQ now on 10.131
>
> --
> 73
> Ian, G3NRW
>
> The 30m Band Utilization Chart:
> http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
>
> The UK 60m Band Utilization Chart:
> http://homepage.ntlworld.com/wadei/UK_60m_band_utilization.htm
>
> The 160m Band Utilization Chart:
> http://homepage.ntlworld.com/wadei/160m_band_utilization.htm
>

3188. Re: calling CQ on USB 10145.5

Yahoo group: V4Protocol
Date: 2013-03-21 00:00:23 UTC
From: la7um
Topic: 3178 Message: 3188

Don. Yes. Me and Yussuf OH7TE doing very good links. Local daytime. Not now.
I still sit on this subjects freq, due to some local tests. May not be in the shack all the time. But please check qrq, just for checking link or not link. US and Canada has possibilites according to HAMCap 1.8 for the hours to come after 2300 UTC.

Locals get impressed with the mode. Something real unheard new for them.

73 de la7um Finn

--- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@...> wrote:
>
> I think that freq came from la7um and on7te testing v4 from their neck if
> the woods. I've been calling cq when I've been home but no luck with Finn
> or Yussef
>
> Don va7dgp
>
> On Wednesday, March 20, 2013, Ian Wade G3NRW wrote:
>
> > **
> >
> >
> > ___Original Message_____________________________________
> > From: Alex Shafarenko <m0sfr@... <javascript:_e({}, 'cvml',
> > 'm0sfr%40shafarenko.org');>>
> > Date: Wed, 20 Mar 2013 Time: 19:31:18
> >
> > >de M0SFR
> >
> > Hi Alex
> >
> > The usual dial frequencies on 30m are 10.131 and 10.136. See the 30m
> > Band Utilization Chart here:
> >
> > http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
> >
> > I am calling CQ now on 10.131
> >
> > --
> > 73
> > Ian, G3NRW
> >
> > The 30m Band Utilization Chart:
> > http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
> >
> > The UK 60m Band Utilization Chart:

> > http://homepage.ntlworld.com/wadei/UK_60m_band_utilization.htm
> >
> > The 160m Band Utilization Chart:
> > http://homepage.ntlworld.com/wadei/160m_band_utilization.htm
> >
> >
> >
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>

3189. Re: calling CQ on USB 10145.5

Yahoo group: V4Protocol
Date: 2013-03-21 00:17:16 UTC
From: la7um
Topic: 3178 Message: 3189

0010UTC I can HEAR very very weak signals on qrq, sounds like V4, not decodable. Sorry. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "la7um" <la7um@...> wrote:
>
> Don. Yes. Me and Yussuf OH7TE doing very good links. Local daytime. Not now.
> I still sit on this subjects freq, due to some local tests. May not be in the shack all the time. But please check qrq, just for checking link or not link. US and Canada has possibilites according to HAMCap 1.8 for the hours to come after 2300 UTC.
>
> Locals get impressed with the mode. Something real unheard new for them.
>
> 73 de la7um Finn
>
>
> --- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@> wrote:
> >
> > I think that freq came from la7um and on7te testing v4 from their neck if
> > the woods. I've been calling cq when I've been home but no luck with Finn
> > or Yussef
> >
> > Don va7dgp
> >
> > On Wednesday, March 20, 2013, Ian Wade G3NRW wrote:
> >
> > > **
> > >
> > >
> > > ___Original Message_____________________________________
> > > From: Alex Shafarenko <m0sfr@ <javascript:_e({}, 'cvml',
> > > 'm0sfr%40shafarenko.org');>>
> > > Date: Wed, 20 Mar 2013 Time: 19:31:18
> > >
> > > >de M0SFR
> > >
> > > Hi Alex
> > >
> > > The usual dial frequencies on 30m are 10.131 and 10.136. See the 30m
> > > Band Utilization Chart here:
> > >
> > > http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
> > >
> > > I am calling CQ now on 10.131
> > >
> > > --

> > > 73
> > > Ian, G3NRW
> > >
> > > The 30m Band Utilization Chart:
> > > http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
> > >
> > > The UK 60m Band Utilization Chart:
> > > http://homepage.ntlworld.com/wadei/UK_60m_band_utilization.htm
> > >
> > > The 160m Band Utilization Chart:
> > > http://homepage.ntlworld.com/wadei/160m_band_utilization.htm
> > >
> > >
> > >
> >
> >
> > --
> > Don Poaps
> > New Westminster, BC
> > VA7DGP
> > Satern Member
> > Vector Member
> > Surrey Amateur Radio
> > Metrotown Salvation Army Community Church Member
> >
>

3190. Re: [V4Protocol] calling CQ on USB 10145.5

Yahoo group: V4Protocol
Date: 2013-03-21 03:24:44 UTC
From: Don Poaps
Topic: 3178 Message: 3190

I was calling a few times. I'm down on 80 m. Check into a digital net.

Later

Don va7dgp

On Wednesday, March 20, 2013, la7um wrote:

> **
>
>
> 0010UTC I can HEAR very very weak signals on qrq, sounds like V4, not
> decodable. Sorry. Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');>, "la7um" <la7um@...> wrote:
> >
> > Don. Yes. Me and Yussuf OH7TE doing very good links. Local daytime. Not
> now.
> > I still sit on this subjects freq, due to some local tests. May not be
> in the shack all the time. But please check qrq, just for checking link or
> not link. US and Canada has possibilites according to HAMCap 1.8 for the
> hours to come after 2300 UTC.
> >
> > Locals get impressed with the mode. Something real unheard new for them.
> >
> > 73 de la7um Finn
> >
> >
> > --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');>, Don Poaps <va7dgp@> wrote:
> > >
> > > I think that freq came from la7um and on7te testing v4 from their neck
> if
> > > the woods. I've been calling cq when I've been home but no luck with
> Finn
> > > or Yussef
> > >
> > > Don va7dgp
> > >
> > > On Wednesday, March 20, 2013, Ian Wade G3NRW wrote:
> > >
> > > > **
> > > >
> > > >
> > > > ___Original Message_____

> > > > From: Alex Shafarenko <m0sfr@ <javascript:_e({}, 'cvml',
> > > > 'm0sfr%40shafarenko.org');>>
> > > > Date: Wed, 20 Mar 2013 Time: 19:31:18
> > > >
> > > > >de M0SFR
> > > >
> > > > Hi Alex
> > > >
> > > > The usual dial frequencies on 30m are 10.131 and 10.136. See the 30m
> > > > Band Utilization Chart here:
> > > >
> > > > http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
> > > >
> > > > I am calling CQ now on 10.131
> > > >
> > > > --
> > > > 73
> > > > Ian, G3NRW
> > > >
> > > > The 30m Band Utilization Chart:
> > > > http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
> > > >
> > > > The UK 60m Band Utilization Chart:
> > > > http://homepage.ntlworld.com/wadei/UK_60m_band_utilization.htm
> > > >
> > > > The 160m Band Utilization Chart:
> > > > http://homepage.ntlworld.com/wadei/160m_band_utilization.htm
> > > >
> > > >
> > > >
> > >
> > >
> > > --
> > > Don Poaps
> > > New Westminster, BC
> > > VA7DGP
> > > Satern Member
> > > Vector Member
> > > Surrey Amateur Radio
> > > Metrotown Salvation Army Community Church Member
> > >
> >
>
>

--
Don Poaps
New Westminster, BC
VA7DGP

Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3191. V4 QRV now 1014.5 MHz

Yahoo group: V4Protocol
Date: 2013-03-21 12:00:29 UTC
From: Juhani
Topic: 3191 Message: 3191

73 "Yussuf" OH7TE

3192. Re: V4 QRV now 1014.5 MHz

Yahoo group: V4Protocol
Date: 2013-03-21 12:07:55 UTC
From: Yussuf
Topic: 3191 Message: 3192

SRI: QRG 10145.5 MHz !

--
73 OH7TE Yussuf
*** JAWA dvoudobý - Česká mechanická muzika! ***

3193. Re: [V4Protocol] calling CQ on USB 10145.5

Yahoo group: V4Protocol
Date: 2013-03-21 13:05:14 UTC
From: Alex Shafarenko
Topic: 3178 Message: 3193

Ian, many thanks. I just used the QRG someone posted before me. Will stick to the bandplan.

73, Alex M0SFR
On 20 Mar 2013, at 19:57, Ian Wade G3NRW wrote:

> ___Original Message_____
> From: Alex Shafarenko <m0sfr@...>
> Date: Wed, 20 Mar 2013 Time: 19:31:18
>
> >de M0SFR
>
> Hi Alex
>
> The usual dial frequencies on 30m are 10.131 and 10.136. See the 30m
> Band Utilization Chart here:
>
> http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
>
> I am calling CQ now on 10.131
>
> --
> 73
> Ian, G3NRW
>
> The 30m Band Utilization Chart:
> http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
>
> The UK 60m Band Utilization Chart:
> http://homepage.ntlworld.com/wadei/UK_60m_band_utilization.htm
>
> The 160m Band Utilization Chart:
> http://homepage.ntlworld.com/wadei/160m_band_utilization.htm
>
>

3194. v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-21 13:13:59 UTC
From: Juhani
Topic: 3194 Message: 3194

Maybe we all can use this QRG on 10m band in future? 73 "Yussuf" Oh7TE

3195. Re: [V4Protocol] calling CQ on USB 10145.5

Yahoo group: V4Protocol
Date: 2013-03-21 13:56:38 UTC
From: Ian Wade G3NRW
Topic: 3178 Message: 3195

___Original Message_____________________________________
From: Alex Shafarenko <m0sfr@...>
Date: Thu, 21 Mar 2013 Time: 13:05:14

>Ian, many thanks. I just used the QRG someone posted before me. Will
>stick to the bandplan.
>
>73, Alex M0SFR

Hi Alex

Just for the record, the 30m Band Utilization Chart is *not* a bandplan.
It is simply a record of where people mostly operate.

--
73
Ian, G3NRW

3196. V4: hrd today S57ZT 10131 MHz, OE3EPW 10145.5 Mhz

Yahoo group: V4Protocol
Date: 2013-03-21 15:56:34 UTC
From: Juhani
Topic: 3196 Message: 3196

No QSIO's . 73 OH7TE

3197. Re: [V4Protocol] V4: hrd today S57ZT 10131 MHz, OE3EPW 10145.5 Mhz

Yahoo group: V4Protocol
Date: 2013-03-21 16:09:57 UTC
From: Don Poaps
Topic: 3196 Message: 3197

Parked on 10.130. QRV cq de va7dgo

On Thursday, March 21, 2013, Juhani wrote:

> **
>
>
> No QSIO's . 73 OH7TE
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3198. QRV 10.131 V 4

Yahoo group: V4Protocol
Date: 2013-03-21 17:32:19 UTC
From: Don Poaps
Topic: 3198 Message: 3198

73 de va7dgp

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3199. Re: v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-21 19:16:19 UTC
From: la7um
Topic: 3194 Message: 3199

Yes Yussuf. That is the better solution for permanent. As I said. It was for a special local short test this 145.5 freq was used. 10131 it should be. 73 Finn/La7UM

--- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
>
> Maybe we all can use this QRG on 10m band in future? 73 "Yussuf" Oh7TE
>

3200. Re: [V4Protocol] Re: v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-21 19:21:17 UTC
From: Don Poaps
Topic: 3194 Message: 3200

Nothing coming over the North Pole, or evening from USA. I've QSY to another Mode and 20 m FREQ. Will try Later this PM.

73

Don va7dgp

On Thu, Mar 21, 2013 at 12:16 PM, la7um <la7um@...> wrote:

> **
>
>
> Yes Yussuf. That is the better solution for permanent. As I said. It was
> for a special local short test this 145.5 freq was used. 10131 it should
> be. 73 Finn/La7UM
>
>
> --- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@...> wrote:
> >
> > Maybe we all can use this QRG on 10m band in future? 73 "Yussuf" Oh7TE
> >
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3201. Re: v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-21 19:36:51 UTC
From: Yussuf
Topic: 3194 Message: 3201

Yes Finn,
So we keep "new QRG" in future!
I leave tomorrow my V4 QRV.
Maybe long time answer because "job" in backround: Circuit diagram &
board, HAM project only of my "Firabell Company" hi.

--
73 OH7TE Yussuf
*** JAWA dvoudobý - Česká mechanická muzika! ***

3202. Re: v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-21 19:43:55 UTC
From: la7um
Topic: 3194 Message: 3202

Don. Today nothing decoded, even if sitting ARQ on 10145.5, but not in the shack. Our short local test finished. What is the waterhole on 18meg? 73 Finn/LA7UM

--- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@...> wrote:
>
> Nothing coming over the North Pole, or evening from USA. I've QSY to
> another Mode and 20 m FREQ. Will try Later this PM.
>
> 73
>
> Don va7dgp
>
> On Thu, Mar 21, 2013 at 12:16 PM, la7um <la7um@...> wrote:
>
> > **
> > >
> > >
> > > Yes Yussuf. That is the better solution for permanent. As I said. It was
> > > for a special local short test this 145.5 freq was used. 10131 it should
> > > be. 73 Finn/La7UM
> > > >
> > > >
> > > --- In V4Protocol@yahoogroups.com, "Juhani" <yufenau@> wrote:
> > > > >
> > > > > Maybe we all can use this QRG on 10m band in future? 73 "Yussuf" Oh7TE
> > > > >
> > > >
> > > >
> > > >
> > >
> > >
> > >
> > > --
> > > Don Poaps
> > > New Westminster, BC
> > > VA7DGP
> > > Satern Member
> > > Vector Member
> > > Surrey Amateur Radio
> > > Metrotown Salvation Army Community Church Member
> >

3203. Re: v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-21 19:47:38 UTC
From: la7um
Topic: 3194 Message: 3203

Yup. Getting closer to summer my guess is that Nordic countries north south some hours around local noon is very good on this band. We need higher bands for the US.

Finn/LA7UM

--- In V4Protocol@yahoogroups.com, Yussuf <yufenau@...> wrote:
>
> Yes Finn,
> So we keep "new QRG" in future!
> I leave tomorrow my V4 QRV.
> Maybe long time answer because "job" in backround: Circuit diagram &
> board, HAM project only of my "Firabell Company" hi.
>
> --
> 73 OH7TE Yussuf
> *** JAWA dvoudobý - Èeská mechanická muzika! ***
>

3204. Re: [V4Protocol] v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-21 20:23:44 UTC
From: Don Poaps
Topic: 3194 Message: 3204

I don't know. I'm still learning this program.

73

Don va7dgp

On Thursday, March 21, 2013, la7um wrote:

> **
>
>
> Don. Today nothing decoded, even if sitting ARQ on 10145.5, but not in the
> shack. Our short local test finished. What is the waterhole on 18meg? 73
> Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');>, Don Poaps <va7dgp@...> wrote:
> >
> > Nothing coming over the North Pole, or evening from USA. I've QSY to
> > another Mode and 20 m FREQ. Will try Later this PM.
> >
> > 73
> >
> > Don va7dgp
> >
> > On Thu, Mar 21, 2013 at 12:16 PM, la7um <la7um@...> wrote:
> >
> > > **
> > >
> > >
> > > Yes Yussuf. That is the better solution for permanent. As I said. It
> was
> > > for a special local short test this 145.5 freq was used. 10131 it
> should
> > > be. 73 Finn/La7UM
> > >
> > >
> > > --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');>, "Juhani" <yufenau@> wrote:
> > > >
> > > > Maybe we all can use this QRG on 10m band in future? 73 "Yussuf"
> Oh7TE
> > > >
> > >
> > >
> > >

> >
> >
> >
> > --
> > Don Poaps
> > New Westminster, BC
> > VA7DGP
> > Satern Member
> > Vector Member
> > Surrey Amateur Radio
> > Metrotown Salvation Army Community Church Member
> >
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3205. Re: v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-21 20:33:54 UTC
From: Yussuf
Topic: 3194 Message: 3205

Yes, we must try up to 28 Mhaz band over Atlantic etc but I have only 80-10
OCFD .
BUT when I move my QTH outside Helsinki area (next summer) I can built
better antennas like yagis for higher HF band.
CU tomorrow.

--
73 OH7TE Yussuf & dog HAMdog "Inez"

3206. V4 Chat now on 7073 dial USB

Yahoo group: V4Protocol
Date: 2013-03-21 22:52:55 UTC
From: Stan
Topic: 3206 Message: 3206

Now on freq calling CQ

3207. Re: [V4Protocol] V4 Chat now on 7073 dial USB

Yahoo group: V4Protocol
Date: 2013-03-21 23:06:13 UTC
From: Don Poaps
Topic: 3206 Message: 3207

Nothing coming across my end.

Don va7dgp

On Thursday, March 21, 2013, Stan wrote:

> **
>
>
> Now on freq calling CQ
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3208. Re: [V4Protocol] V4 Chat now on 7073 dial USB

Yahoo group: V4Protocol
Date: 2013-03-21 23:36:35 UTC
From: Don Poaps
Topic: 3206 Message: 3208

Ve6egn.

On Thursday, March 21, 2013, Don Poaps wrote:

> Nothing coming across my end.
>
> Don va7dgp
>
> On Thursday, March 21, 2013, Stan wrote:
>
>> **
>>
>>
>> Now on freq calling CQ
>>
>>
>>
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3209. Re: [V4Protocol] V4 Chat now on 7073 dial USB

Yahoo group: V4Protocol
Date: 2013-03-21 23:47:31 UTC
From: Don Poaps
Topic: 3206 Message: 3209

Push send too soon. Just had my first V4 chat with VE6EGN. Cut short by supper on VE6EGN.

I like this mode.

On Thursday, March 21, 2013, Don Poaps wrote:

> Ve6egn.
>
> On Thursday, March 21, 2013, Don Poaps wrote:
>
> Nothing coming across my end.
>
> Don va7dgp
>
> On Thursday, March 21, 2013, Stan wrote:
>
> **
>
>
> Now on freq calling CQ
>
>
>
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3210. Fonts

Yahoo group: V4Protocol
Date: 2013-03-22 00:00:23 UTC
From: Don Poaps
Topic: 3210 Message: 3210

How do you modify the fonts. Ve6egn had nice black bold fonts. I like to have the same on my transmit fonts? I know read the manual.

Don va7dgp

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3211. Re: Fonts

Yahoo group: V4Protocol
Date: 2013-03-22 09:59:34 UTC
From: la7um
Topic: 3210 Message: 3211

You don't. They change according to what window and where you are in the session, and if RX from the counterpart.
Finn/LA7UM

--- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@...> wrote:
>
> How do you modify the fonts. Ve6egn had nice black bold fonts. I like to
> have the same on my transmit fonts? I know read the manual.
>
> Don va7dgp
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>

3212. Re: v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-22 10:21:17 UTC
From: la7um
Topic: 3194 Message: 3212

Yussy. Not that high. Max 14mhz from Oslo for VA. I heard N4 0043UTC, 10131.Max freq. This max fits HAMcap 1.8. Next top is +- 1730UTC 14073 for VA, but 10131 for OH from Oslo.
18mhz just not usable for VA from Oslo, 14mhz perhaps for VA +- 1730UTC.
10mhz good from Oslo to OH +-1700UTC.

This is general. Then there might suddenly be openings, or killing aurora.

I leave shack now 1020UTC, no answer from you on 10131. But sit on frq. May jump to 14mhz later.

Finn/LA7UM

--- In V4Protocol@yahoogroups.com, Yussuf <yufenau@...> wrote:
>
> Yes, we must try up to 28 Mhaz band over Atlantic etc but I have only 80-10
> OCFD .
> BUT when I move my QTH outside Helsinki area (next summer) I can built
> better antennas like yagis for higher HF band.
> CU tomorrow.
>
> --
> 73 OH7TE Yussuf & dog HAMdog "Inez"
>

3213. Re: [V4Protocol] Re: v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-22 11:35:44 UTC
From: Ian Wade G3NRW
Topic: 3194 Message: 3213

___Original Message_____________________________________
From: la7um <la7um@...>
Date: Fri, 22 Mar 2013 Time: 10:21:17

>This max fits HAMcap 1.8.

Finn

HAMcap looks interesting. Do you find it really gives good predictions?

--
73
Ian, G3NRW

3214. Re: [V4Protocol] v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-22 17:14:51 UTC
From: Don Poaps
Topic: 3194 Message: 3214

I downloaded the Hamcap. it said my my VOACAP was out of date. I downloaded latest and it still won't run. Anyway off topic. I was on 10.131 my 22:30 and gave a few CQ.

Last night at Delta Amateur Radio club. They were giving a talk on compromised Antenna. The speaker mentioned that he contacted Finland just before he got to the meeting.
As usual wrong band. I searching for propagation using beacon map. I can hear CW coming from Beacon stations.

So what would be the 10 m V4 freq to use??

73

Don va7dgp

On Friday, March 22, 2013, Ian Wade G3NRW wrote:

> **
>
>
> ___Original Message_____
> From: la7um <la7um@... <javascript:_e({}, 'cvml',
> 'la7um%40yahoo.com');>>
> Date: Fri, 22 Mar 2013 Time: 10:21:17
>
> >This max fits HAMcap 1.8.
>
> Finn
>
> HAMcap looks interesting. Do you find it really gives good predictions?
>
> --
> 73
> Ian, G3NRW
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3215. QRV. 28.123. V4

Yahoo group: V4Protocol
Date: 2013-03-22 17:38:48 UTC
From: Don Poaps
Topic: 3215 Message: 3215

CQ de va7dgp

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3216. Re: v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-22 18:17:27 UTC
From: la7um
Topic: 3194 Message: 3216

Ian. My experience is a year or so. It fits well I would say. Other LAs working HF for a life time have tried alot of programs, but have returned to this one and recommended it for me.

Point is HAMCap 1.8 uses the ITSHFBC (the voacap part of it), just as RMS Express does. And it is working OFF LINE and is free.

AirMail also uses ITSHFBC (the ICEPAC part of it).

Just install latest itshfbc from winlink ftp site ithsfbc_120722.zip
and let it install on C: Where it suggests itself.

Then you suddenly has 3 programs benefitting from this ITSHFBC.

Finn/LA7UM

--- In V4Protocol@yahoogroups.com, Ian Wade G3NRW <g3nrw-radio@...> wrote:
>
> ___Original Message_____
> From: la7um <la7um@...>
> Date: Fri, 22 Mar 2013 Time: 10:21:17
>
>
> >This max fits HAMcap 1.8.
>
>
> Finn
>
> HAMcap looks interesting. Do you find it really gives good predictions?
>
> --
> 73
> Ian, G3NRW
>

3217. Re: [V4Protocol] v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-22 18:27:06 UTC
From: Don Poaps
Topic: 3194 Message: 3217

As you know I use RMS express already. Anyway will move Hamcap to c: as its loading up on my D: drive. That could be part of the problem

I'm parked on 28.120 FYI

Don va7dgp

On Friday, March 22, 2013, la7um wrote:

> **
>
>
>
>

> Ian. My experience is a year or so. It fits well I would say. Other LAs
> working HF for a life time have tried alot of programs, but have returned
> to this one and recommended it for me.
>
> Point is HAMCap 1.8 uses the ITSHFBC (the voacap part of it), just as RMS
> Express does. And it is working OFF LINE and is free.
>
> AirMail also uses ITSHFBC (the ICEPAC part of it).
>
> Just install latest itshfbc from winlink ftp site ithsfbc_120722.zip
> and let it install on C: Where it suggests itself.
>
> Then you suddenly has 3 programs benefitting from this ITSHFBC.
>
> Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');>, Ian Wade G3NRW <g3nrw-radio@...> wrote:
> >
> > ___Original Message_____________________________________
> > From: la7um <la7um@...>
> > Date: Fri, 22 Mar 2013 Time: 10:21:17
> >
> >
> > >This max fits HAMcap 1.8.
> >
> >
> > Finn
> >
> > HAMcap looks interesting. Do you find it really gives good predictions?
> >

> > --
> > 73
> > Ian, G3NRW
> >
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3218. Re: v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-22 18:46:32 UTC
From: la7um
Topic: 3194 Message: 3218

I think it is itshfbc that definitely must sit directly on c: as an originally DOS program. I have RMSE , AirMail, Hamcap all in C, and itshfbc directly on c.

What frequency for you depends upon where you are , and where you want to go.

LA (Oslo) to Canada, just now with Isotropic antenna and 10w indicates 10131 or 14073, (best just now) when using default propagation parameters.

No response on 28120mhz. Silence.

You must enter your own position for vieweing general coverage on different bands on different hours (UTC) (Map window)

You must enter target position if in addition wanting to see best freq at anyone time, (the Chart) window)

I am calling on 20m just now.
Finn/LA7UM

--- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@...> wrote:
>
> As you know I use RMS express already. Anyway will move Hamcap to c: as its
> loading up on my D: drive. That could be part of the problem
>
> I'm parked on 28.120 FYI
>
> Don va7dgp
>
> On Friday, March 22, 2013, la7um wrote:
>
> > **
> > >
> > >
> > >
> > >
>
> > Ian. My experience is a year or so. It fits well I would say. Other LAs
> > working HF for a life time have tried alot of programs, but have returned
> > to this one and recommended it for me.
> > >
> > Point is HAMCap 1.8 uses the ITSHFBC (the voacap part of it), just as RMS
> > Express does. And it is working OFF LINE and is free.
> > >
> > AirMail also uses ITSHFBC (the ICEPAC part of it).
> > >
> > Just install latest itshfbc from winlink ftp site ithsfbc_120722.zip
> > and let it install on C: Where it suggests itself.

> >
> > Then you suddenly has 3 programs benefitting from this ITSHFBC.
> >
> > Finn/LA7UM
> >
> > --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> > 'V4Protocol%40yahoogroups.com');>, Ian Wade G3NRW <g3nrw-radio@> wrote:
> > >
> > > ___Original Message_____
> > > From: la7um <la7um@>
> > > Date: Fri, 22 Mar 2013 Time: 10:21:17
> > >
> > >
> > > >This max fits HAMcap 1.8.
> > >
> > >
> > > Finn
> > >
> > > HAMcap looks interesting. Do you find it really gives good predictions?
> > >
> > > --
> > > 73
> > > Ian, G3NRW
> > >
> >
> >
> >
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>

3219. Re: [V4Protocol] v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-22 19:10:52 UTC
From: Don Poaps
Topic: 3194 Message: 3219

I'm not at home. Nothing on 14.073 when I left. Still can't get Hamcap to work even though I've updated my VOACAP

Try when I get home later

I'm parked on 14.073 while away

On Friday, March 22, 2013, la7um wrote:

> **
>
>
> I think it is itshfbc that definitely must sit directly on c: as an
> originally DOS program. I have RMSE , AirMail, Hamcap all in C, and itshfbc
> directly on c.
>
> What frequency for you depends upon where you are , and where you want to
> go.
>
> LA (Oslo) to Canada, just now with Isotropic antenna and 10w indicates
> 10131 or 14073, (best just now) when using default propagation parameters.
>
> No response on 28120mhz. Silence.
>
> You must enter your own position for vieweing general coverage on
> different bands on different hours (UTC) (Map window)
>
> You must enter target position if in addition wanting to see best freq at
> anyone time, (the Chart) window)
>
> I am calling on 20m just now.
> Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');>, Don Poaps <va7dgp@...> wrote:
> >
> > As you know I use RMS express already. Anyway will move Hamcap to c: as
> its
> > loading up on my D: drive. That could be part of the problem
> >
> > I'm parked on 28.120 FYI
> >
> > Don va7dgp
> >
> > On Friday, March 22, 2013, la7um wrote:
> >

> > > **
> > >
> > >
> > >
> > >
> >
> > > Ian. My experience is a year or so. It fits well I would say. Other LAs
> > > working HF for a life time have tried alot of programs, but have
> returned
> > > to this one and recommended it for me.
> > >
> > > Point is HAMCap 1.8 uses the ITSHFBC (the voacap part of it), just as
> RMS
> > > Express does. And it is working OFF LINE and is free.
> > >
> > > AirMail also uses ITSHFBC (the ICEPAC part of it).
> > >
> > > Just install latest itshfbc from winlink ftp site ithsfbc_120722.zip
> > > and let it install on C: Where it suggests itself.
> > >
> > > Then you suddenly has 3 programs benefitting from this ITSHFBC.
> > >
> > > Finn/LA7UM
> > >
> > > --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');> <javascript:_e({}, 'cvml',
> > > 'V4Protocol%40yahoogroups.com');>, Ian Wade G3NRW <g3nrw-radio@>
> wrote:
> > > >
> > > > ___Original Message_____________________________________
> > > > From: la7um <la7um@>
> > > > Date: Fri, 22 Mar 2013 Time: 10:21:17
> > > >
> > > >
> > > > >This max fits HAMcap 1.8.
> > > >
> > > >
> > > > Finn
> > > >
> > > > HAMcap looks interesting. Do you find it really gives good
> predictions?
> > > >
> > > > --
> > > > 73
> > > > Ian, G3NRW
> > > >
> > >
> > >
> > >
> >

> >
> > --
> > Don Poaps
> > New Westminster, BC
> > VA7DGP
> > Satern Member
> > Vector Member
> > Surrey Amateur Radio
> > Metrotown Salvation Army Community Church Member
> >
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3220. Re: v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-23 00:02:51 UTC
From: la7um
Topic: 3194 Message: 3220

Don. You may try. 10131. That is the band from LA (Oslo) to Canada for some hours and onwards from now 2300 UTC. I am ARQ, not in the shack, but you get an indication if getting a link.

40w and G5RV. Under Aurorabelt...I doubt....one needs special conds at 60deg north. :-((A big beam might have made the difference.

Hope you get the HAMCap running with the right version of itshfbc.

Had a very good link this evening on 20m to France with a first V4 link for him. He was impressed.

73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@...> wrote:
>
> I'm not at home. Nothing on 14.073 when I left. Still can't get Hamcap to
> work even though I've updated my VOACAP
>
> Try when I get home later
>
> I'm parked on 14.073 while away
>
> On Friday, March 22, 2013, la7um wrote:
>
> > **
> > >
> > >
> > I think it is itshfbc that definitely must sit directly on c: as an
> > originally DOS program. I have RMSE , AirMail, Hamcap all in C, and itshfbc
> > directly on c.
> > >
> > What frequency for you depends upon where you are , and where you want to
> > go.
> > >
> > LA (Oslo) to Canada, just now with Isotropic antenna and 10w indicates
> > 10131 or 14073, (best just now) when using default propagation parameters.
> > >
> > No response on 28120mhz. Silence.
> > >
> > You must enter your own position for vieweing general coverage on
> > different bands on different hours (UTC) (Map window)
> > >
> > You must enter target position if in addition wanting to see best freq at
> > anyone time, (the Chart) window)
> > >

> > I am calling on 20m just now.
> > Finn/LA7UM
> >
> > --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> > 'V4Protocol%40yahoogroups.com');>, Don Poaps <va7dgp@> wrote:
> > >
> > > As you know I use RMS express already. Anyway will move Hamcap to c: as
> > its
> > > loading up on my D: drive. That could be part of the problem
> > >
> > > I'm parked on 28.120 FYI
> > >
> > > Don va7dgp
> > >
> > > On Friday, March 22, 2013, la7um wrote:
> > >
> > > > **
> > > >
> > > >
> > > >
> > > >
> > >
> > > > Ian. My experience is a year or so. It fits well I would say. Other LAs
> > > > working HF for a life time have tried alot of programs, but have
> > returned
> > > > to this one and recommended it for me.
> > > >
> > > > Point is HAMCap 1.8 uses the ITSHFBC (the voacap part of it), just as
> > RMS
> > > > Express does. And it is working OFF LINE and is free.
> > > >
> > > > AirMail also uses ITSHFBC (the ICEPAC part of it).
> > > >
> > > > Just install latest itshfbc from winlink ftp site ithsfbc_120722.zip
> > > > and let it install on C: Where it suggests itself.
> > > >
> > > > Then you suddenly has 3 programs benefitting from this ITSHFBC.
> > > >
> > > > Finn/LA7UM
> > > >
> > > > --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> > 'V4Protocol%40yahoogroups.com');> <javascript:_e({}, 'cvml',
> > > > 'V4Protocol%40yahoogroups.com');>, Ian Wade G3NRW <g3nrw-radio@>
> > wrote:
> > > > >
> > > > > ___Original Message_____
> > > > > From: la7um <la7um@>
> > > > > Date: Fri, 22 Mar 2013 Time: 10:21:17
> > > > >
> > > > >

> > > > > >This max fits HAMcap 1.8.
> > > > > >
> > > > > >
> > > > > > Finn
> > > > > >
> > > > > > HAMcap looks interesting. Do you find it really gives good
> > predictions?
> > > > > >
> > > > > > --
> > > > > > 73
> > > > > > Ian, G3NRW
> > > > > >
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > > --
> > > Don Poaps
> > > New Westminster, BC
> > > VA7DGP
> > > Satern Member
> > > Vector Member
> > > Surrey Amateur Radio
> > > Metrotown Salvation Army Community Church Member
> > >
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> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>

3221. Re: [V4Protocol] v4 QSY 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-23 03:04:09 UTC
From: Don Poaps
Topic: 3194 Message: 3221

I've moved up from 7073 to 10131. Will call cq and see what happens. I'm not getting any bites on 40 m. PSK moving up to 7073. I could read them but no one came back when I switch to psk31.

Don va7dgp

On Friday, March 22, 2013, la7um wrote:

> **
>
>
> Don. You may try. 10131. That is the band from LA (Oslo) to Canada for
> some hours and onwards from now 2300 UTC. I am ARQ, not in the shack, but
> you get an indication if getting a link.
>
> 40w and G5RV. Under Aurorabelt...I doubt....one needs special conds at
> 60deg north. :-((A big beam might have made the difference.
>
> Hope you get the HAMCap running with the right version of itshfbc.
>
> Had a very good link this evening on 20m to France with a first V4 link
> for him. He was impressed.
>
> 73. Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');>, Don Poaps <va7dgp@...> wrote:
> >
> > I'm not at home. Nothing on 14.073 when I left. Still can't get Hamcap to
> > work even though I've updated my VOACAP
> >
> > Try when I get home later
> >
> > I'm parked on 14.073 while away
> >
> > On Friday, March 22, 2013, la7um wrote:
> >
> > > **
> > >
> > >
> > > I think it is itshfbc that definitely must sit directly on c: as an
> > > originally DOS program. I have RMSE , AirMail, Hamcap all in C, and
> itshfbc
> > > directly on c.
> > >
> > > What frequency for you depends upon where you are , and where you want

> to
> > > go.
> > >
> > > LA (Oslo) to Canada, just now with Isotropic antenna and 10w indicates
> > > 10131 or 14073, (best just now) when using default propagation
> parameters.
> > >
> > > No response on 28120mhz. Silence.
> > >
> > > You must enter your own position for vieweing general coverage on
> > > different bands on different hours (UTC) (Map window)
> > >
> > > You must enter target position if in addition wanting to see best freq
> at
> > > anyone time, (the Chart) window)
> > >
> > > I am calling on 20m just now.
> > > Finn/LA7UM
> > >
> > > --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');> <javascript:_e({}, 'cvml',
> > > 'V4Protocol%40yahoogroups.com');>, Don Poaps <va7dgp@> wrote:
> > > >
> > > > As you know I use RMS express already. Anyway will move Hamcap to c:
> as
> > > its
> > > > loading up on my D: drive. That could be part of the problem
> > > >
> > > > I'm parked on 28.120 FYI
> > > >
> > > > Don va7dgp
> > > >
> > > > On Friday, March 22, 2013, la7um wrote:
> > > >
> > > > > **
> > > > >
> > > > >
> > > > >
> > > > >
> > > >
> > > > Ian. My experience is a year or so. It fits well I would say.
> Other LAs
> > > > working HF for a life time have tried alot of programs, but have
> > > returned
> > > > to this one and recommended it for me.
> > > > >
> > > > Point is HAMCap 1.8 uses the ITSHFBC (the voacap part of it), just
> as
> > > RMS
> > > > Express does. And it is working OFF LINE and is free.

> > > > >
> > > > > AirMail also uses ITSHFBC (the ICEPAC part of it).
> > > > >
> > > > > Just install latest itshfbc from winlink ftp site
> ithsfbc_120722.zip
> > > > > and let it install on C: Where it suggests itself.
> > > > >
> > > > > Then you suddenly has 3 programs benefitting from this ITSHFBC.
> > > > >
> > > > > Finn/LA7UM
> > > > >
> > > > > --- In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol%40yahoogroups.com');> <javascript:_e({}, 'cvml',
> > > 'V4Protocol%40yahoogroups.com');> <javascript:_e({}, 'cvml',
> > > > 'V4Protocol%40yahoogroups.com');>, Ian Wade G3NRW <g3nrw-radio@>
> > > wrote:
> > > > > >
> > > > > > ___Original Message_____
> > > > > > From: la7um <la7um@>
> > > > > > Date: Fri, 22 Mar 2013 Time: 10:21:17
> > > > > > >
> > > > > > >
> > > > > > > >This max fits HAMcap 1.8.
> > > > > > >
> > > > > > >
> > > > > > > Finn
> > > > > > >
> > > > > > > HAMcap looks interesting. Do you find it really gives good
> > > predictions?
> > > > > > >
> > > > > > > --
> > > > > > > 73
> > > > > > > Ian, G3NRW
> > > > > > >
> > > > > >
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> > > > > >
> > > > >
> > > > >
> > > > > --
> > > > > Don Poaps
> > > > > New Westminster, BC
> > > > > VA7DGP
> > > > > Satern Member
> > > > > Vector Member
> > > > > Surrey Amateur Radio
> > > > > Metrotown Salvation Army Community Church Member
> > > > >
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> > >
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> > --
> > Don Poaps
> > New Westminster, BC
> > VA7DGP
> > Satern Member
> > Vector Member
> > Surrey Amateur Radio
> > Metrotown Salvation Army Community Church Member
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>

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Metrotown Salvation Army Community Church Member

3222. V4 QRV 10131 MHz

Yahoo group: V4Protocol
Date: 2013-03-23 08:53:22 UTC
From: Juhani
Topic: 3222 Message: 3222

73 Yussuf OH7TE

3223. Simultaneously test operation V4Chat/WINMOR P2P

Yahoo group: V4Protocol
Date: 2013-03-23 11:33:57 UTC
From: dk3cw@...
Topic: 3223 Message: 3223

Testing simultaneously operation of V4Chat (DK3CW-5) and WINMOR P2P (DK3CW) with Airmail/BPQ on 7040 kHz USB dial (7041.5 center). Feel free to connect.

vy 73 de Jakob DK3CW

EmComm liaison officer Frankfurt / Main
ARDF-unit Hessen
qsl.net/dk3cw

When All Else Fails, Ham Radio Works

Alle Postfächer an einem Ort. Jetzt wechseln und E-Mail-Adresse mitnehmen! Rundum glücklich mit freenetMail

3224. Re: [V4Protocol] Simultaneously test operation V4Chat/WINMOR P2P

Yahoo group: V4Protocol
Date: 2013-03-23 14:20:57 UTC
From: Don Poaps
Topic: 3223 Message: 3224

I gave a few cq but nothing showed up. Now on 10.131. Will drop down later
today

Don va7dgp

On Saturday, March 23, 2013, wrote:

> **
>
>
> **
>
> Testing simultaneously operation of V4Chat (DK3CW-5) and WINMOR P2P
> (DK3CW) with Airmail/BPQ on 7040 kHz USB dial (7041.5 center). Feel free to
> connect.
>
>
>
> vy 73 de Jakob DK3CW
>
> EmComm liaison officer Frankfurt / Main
> ARDF-unit Hessen
> qsl.net/dk3cw
>
> When All Else Fails, Ham Radio Works
>
>
> ---
> Alle Postfächer an einem Ort. Jetzt wechseln und E-Mail-Adresse mitnehmen! Rundum
> glücklich mit freenetMail<http://email.freenet.de/produkte/basic/index.html>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3225. QRV 14.196.5 V4

Yahoo group: V4Protocol
Date: 2013-03-23 22:40:56 UTC
From: Don Poaps
Topic: 3225 Message: 3225

CQ de va7dgo

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3226. Re: [V4Protocol] QRV 14.196.5 V4

Yahoo group: V4Protocol
Date: 2013-03-23 22:45:54 UTC
From: RICK WESTERFIELD
Topic: 3225 Message: 3226

Why so high? That would be very unusual.

Rick KH2DF

Sent from Yahoo! Mail on Android

3227. RE: [V4Protocol] QRV 14.196.5 V4

Yahoo group: V4Protocol
Date: 2013-03-23 22:53:09 UTC
From: Rick Westerfield
Topic: 3225 Message: 3227

I will be CQ'ing on 14.073 mhz dial in just a minute - now 2253Z

Rick KH2DF/W5

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of RICK WESTERFIELD
Sent: Saturday, March 23, 2013 5:46 PM
To: V4Protocol@yahoogroups.com; va7dgp@...
Subject: Re: [V4Protocol] QRV 14.196.5 V4

Why so high? That would be very unusual.

Rick KH2DF

Sent from Yahoo! Mail on Android

From: Don Poaps <va7dgp@...>;
To: V4Protocol@yahoogroups.com <V4Protocol@yahoogroups.com>;
Subject: [V4Protocol] QRV 14.196.5 V4
Sent: Sat, Mar 23, 2013 10:40:56 PM

CQ de va7dgo

--

Don Poaps

New Westminster, BC

VA7DGP

Satern Member

Vector Member

Surrey Amateur Radio

Metrotown Salvation Army Community Church Member

3228. Re: QRV 14.196.5 V4

Yahoo group: V4Protocol
Date: 2013-03-23 22:57:32 UTC
From: Don Poaps
Topic: 3225 Message: 3228

Unless you have better freq?

On Saturday, March 23, 2013, Rick Westerfield wrote:

> **
>
>
> I will be CQ’ing on 14.073 mhz dial in just a minute – now 2253Z****
>
> ** **
>
> Rick KH2DF/W5****
>
> ** **
>
> *From:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');> [mailto:V4Protocol@yahoogroups.com<javascript:_e({},
'cvml', 'V4Protocol@yahoogroups.com');>]
> *On Behalf Of *RICK WESTERFIELD
> *Sent:* Saturday, March 23, 2013 5:46 PM
> *To:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>; va7dgp@... <javascript:_e({},
> 'cvml', 'va7dgp@...');>
> *Subject:* Re: [V4Protocol] QRV 14.196.5 V4****
>
> ** **
>
> ****
>
> Why so high? That would be very unusual. ****
>
> Rick KH2DF****
>
> Sent from Yahoo! Mail on Android****
>
> ** **
> ------------------------------
>
> *From: *Don Poaps <va7dgp@gmail.com <javascript:_e({}, 'cvml',
> 'va7dgp@...');>>;
> *To: *V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');> <V4Protocol@yahoogroups.com<javascript:_e({}, 'cvml',
'V4Protocol@yahoogroups.com');>>;
>
> *Subject: *[V4Protocol] QRV 14.196.5 V4

> *Sent: *Sat, Mar 23, 2013 10:40:56 PM ****
>
> ****
>
> CQ de va7dgo
>
> -- ****
>
> Don Poaps****
>
> New Westminster, BC****
>
> VA7DGP****
>
> Satern Member****
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> Vector Member****
>
> Surrey Amateur Radio****
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> Metrotown Salvation Army Community Church Member****
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Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3229. Re: QRV 14.196.5 V4

Yahoo group: V4Protocol
Date: 2013-03-23 22:59:19 UTC
From: Don Poaps
Topic: 3225 Message: 3229

Ok will QSY to 14.073.

On Saturday, March 23, 2013, Rick Westerfield wrote:

> **
>
>
> I will be CQ'ing on 14.073 mhz dial in just a minute – now 2253Z****
>
> ** **
>
> Rick KH2DF/W5****
>
> ** **
>
> *From:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');> [mailto:V4Protocol@yahoogroups.com<javascript:_e({},
'cvml', 'V4Protocol@yahoogroups.com');>]
> *On Behalf Of *RICK WESTERFIELD
> *Sent:* Saturday, March 23, 2013 5:46 PM
> *To:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>; va7dgp@... <javascript:_e({},
> 'cvml', 'va7dgp@...');>
> *Subject:* Re: [V4Protocol] QRV 14.196.5 V4****
>
> ** **
>
> ****
>
> Why so high? That would be very unusual. ****
>
> Rick KH2DF****
>
> Sent from Yahoo! Mail on Android****
>
> ** **
> ------------------------------
>
> *From: *Don Poaps <va7dgp@gmail.com <javascript:_e({}, 'cvml',
> 'va7dgp@...');>>;
> *To: *V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');> <V4Protocol@yahoogroups.com<javascript:_e({}, 'cvml',
'V4Protocol@yahoogroups.com');>>;
>
> *Subject: *[V4Protocol] QRV 14.196.5 V4

> *Sent: *Sat, Mar 23, 2013 10:40:56 PM ****
>
> ****
>
> CQ de va7dgo
>
> -- ****
>
> Don Poaps****
>
> New Westminster, BC****
>
> VA7DGP****
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> Satern Member****
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> Vector Member****
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> Surrey Amateur Radio****
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> Metrotown Salvation Army Community Church Member****
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Don Poaps
New Westminster, BC
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Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3230. Re: QRV 14.196.5 V4

Yahoo group: V4Protocol
Date: 2013-03-23 23:03:33 UTC
From: Don Poaps
Topic: 3225 Message: 3230

All I see is PSK on the band. Very busy.

Your signal not coming across.

Don va7dgp

On Saturday, March 23, 2013, Rick Westerfield wrote:

> **
>
>
> I will be CQ'ing on 14.073 mhz dial in just a minute – now 2253Z****
>
> ** **
>
> Rick KH2DF/W5****
>
> ** **
>
> *From:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');> [mailto:V4Protocol@yahoogroups.com<javascript:_e({},
'cvml', 'V4Protocol@yahoogroups.com');>]
> *On Behalf Of *RICK WESTERFIELD
> *Sent:* Saturday, March 23, 2013 5:46 PM
> *To:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>; va7dgp@... <javascript:_e({},
> 'cvml', 'va7dgp@...');>
> *Subject:* Re: [V4Protocol] QRV 14.196.5 V4****
>
> ** **
>
> ****
>
> Why so high? That would be very unusual. ****
>
> Rick KH2DF****
>
> Sent from Yahoo! Mail on Android****
>
> ** **
> ------------------------------
>
> *From: *Don Poaps <va7dgp@... <javascript:_e({}, 'cvml',
> 'va7dgp@...');>>;
> *To: *V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');> <V4Protocol@yahoogroups.com<javascript:_e({}, 'cvml',

'V4Protocol@yahoogroups.com');>>;
>
> *Subject: *[V4Protocol] QRV 14.196.5 V4
> *Sent: *Sat, Mar 23, 2013 10:40:56 PM ****
>
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> CQ de va7dgo
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> -- ****
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> Don Poaps****
>
> New Westminster, BC****
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> Satern Member****
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> Metrotown Salvation Army Community Church Member****
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Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3231. RE: [V4Protocol] Re: QRV 14.196.5 V4

Yahoo group: V4Protocol
Date: 2013-03-23 23:08:19 UTC
From: Rick Westerfield
Topic: 3225 Message: 3231

I looked for you up at 14.1965. Now I'm back on 14.073 and CQ'ing.

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Don Poaps
Sent: Saturday, March 23, 2013 6:04 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: QRV 14.196.5 V4

All I see is PSK on the band. Very busy.

Your signal not coming across.

Don va7dgp

On Saturday, March 23, 2013, Rick Westerfield wrote:

I will be CQ'ing on 14.073 mhz dial in just a minute - now 2253Z

Rick KH2DF/W5

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of RICK WESTERFIELD
Sent: Saturday, March 23, 2013 5:46 PM
To: V4Protocol@yahoogroups.com; va7dgp@...
Subject: Re: [V4Protocol] QRV 14.196.5 V4

Why so high? That would be very unusual.

Rick KH2DF

Sent from Yahoo! Mail on Android

From: Don Poaps <va7dgp@...>;
To: V4Protocol@yahoogroups.com <V4Protocol@yahoogroups.com>;
Subject: [V4Protocol] QRV 14.196.5 V4
Sent: Sat, Mar 23, 2013 10:40:56 PM

CQ de va7dgo

--

Don Poaps

New Westminster, BC

VA7DGP

Satern Member

Vector Member

Surrey Amateur Radio

Metrotown Salvation Army Community Church Member

--

Don Poaps

New Westminster, BC

VA7DGP

Satern Member

Vector Member

Surrey Amateur Radio

Metrotown Salvation Army Community Church Member

3232. Re: QRV 14.196.5 V4

Yahoo group: V4Protocol
Date: 2013-03-23 23:12:39 UTC
From: Don Poaps
Topic: 3225 Message: 3232

I I can see bits and piece of a signal coming across. It's certainly red
but not decoding except gibberish

Don
Va7dgp

On Saturday, March 23, 2013, Rick Westerfield wrote:

> **
>
>
> I looked for you up at 14.1965. Now I’m back on 14.073 and CQ’ing.****
>
> ** **
>
> Rick KH2DF****
>
> ** **
>
> *From:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');> [mailto:V4Protocol@yahoogroups.com<javascript:_e({},
'cvml', 'V4Protocol@yahoogroups.com');>]
> *On Behalf Of *Don Poaps
> *Sent:* Saturday, March 23, 2013 6:04 PM
> *To:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>
> *Subject:* [V4Protocol] Re: QRV 14.196.5 V4****
>
> ** **
>
> ****
>
> All I see is PSK on the band. Very busy.****
>
> ** **
>
> Your signal not coming across. ****
>
> ** **
>
> Don va7dgp
>
> On Saturday, March 23, 2013, Rick Westerfield wrote:****
>
> ****
>

> I will be CQ’ing on 14.073 mhz dial in just a minute – now 2253Z****
>
> ****
>
> Rick KH2DF/W5****
>
> ****
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> *From:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
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> *On Behalf Of *RICK WESTERFIELD
> *Sent:* Saturday, March 23, 2013 5:46 PM
> *To:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>; va7dgp@gmail.com <javascript:_e({},
> 'cvml', 'va7dgp@...');>
> *Subject:* Re: [V4Protocol] QRV 14.196.5 V4****
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> ****
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> ****
>
> Why so high? That would be very unusual. ****
>
> Rick KH2DF****
>
> Sent from Yahoo! Mail on Android****
>
> ****
> ------------------------------
>
> *From: *Don Poaps <va7dgp@... <javascript:_e({}, 'cvml',
> 'va7dgp@...');>>;
> *To: *V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');> <V4Protocol@yahoogroups.com<javascript:_e({}, 'cvml',
'V4Protocol@yahoogroups.com');>>;
>
> *Subject: *[V4Protocol] QRV 14.196.5 V4
> *Sent: *Sat, Mar 23, 2013 10:40:56 PM ****
>
> ****
>
> CQ de va7dgo
>
> -- ****
>
> Don Poaps****
>
> New Westminster, BC****
>

> VA7DGP****
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> Satern Member****
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Surrey Amateur Radio

Metrotown Salvation Army Community Church Member

3233. Re: QRV 14.196.5 V4

Yahoo group: V4Protocol
Date: 2013-03-23 23:15:27 UTC
From: Don Poaps
Topic: 3225 Message: 3233

BKPKH>DF0*** CONNECT REQUEST CQ de KH2DF @ 2013/03/23 23:13:42.307
*** CONNECT REQUEST CQ de KH2DF @ 2013/03/23 23:13:47.651
^=Jzi>ZAo7`XfZ!

On Sat, Mar 23, 2013 at 4:03 PM, Don Poaps <va7dgp@...> wrote:

> All I see is PSK on the band. Very busy.
>
> Your signal not coming across.
>
> Don va7dgp
>
>
> On Saturday, March 23, 2013, Rick Westerfield wrote:
>
>> **
>>
>>
>> I will be CQ'ing on 14.073 mhz dial in just a minute – now 2253Z****
>>
>> ** **
>>
>> Rick KH2DF/W5****
>>
>> ** **
>>
>> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
>> Behalf Of *RICK WESTERFIELD
>> *Sent:* Saturday, March 23, 2013 5:46 PM
>> *To:* V4Protocol@yahoogroups.com; va7dgp@...
>> *Subject:* Re: [V4Protocol] QRV 14.196.5 V4****
>>
>> ** **
>>
>> ****
>>
>> Why so high? That would be very unusual. ****
>>
>> Rick KH2DF****
>>
>> Sent from Yahoo! Mail on Android****
>>
>> ** **
>> ------------------------------
>>

>> *From: *Don Poaps <va7dgp@...>;
>> *To: *V4Protocol@yahoogroups.com <V4Protocol@yahoogroups.com>;
>> *Subject: *[V4Protocol] QRV 14.196.5 V4
>> *Sent: *Sat, Mar 23, 2013 10:40:56 PM ****
>>
>> ****
>>
>> CQ de va7dgo
>>
>> -- ****
>>
>> Don Poaps****
>>
>> New Westminster, BC****
>>
>> VA7DGP****
>>
>> Satern Member****
>>
>> Vector Member****
>>
>> Surrey Amateur Radio****
>>
>> Metrotown Salvation Army Community Church Member****
>>
>> ****
>>
>> ****
>>
>> ****
>>
>>
>>
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>
>
>
>

--
Don Poaps

New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3234. V4 QRV 10131 MHz, GL

Yahoo group: V4Protocol
Date: 2013-03-24 12:17:52 UTC
From: Juhani
Topic: 3234 Message: 3234

73 de Yussuf OH7TE in ESpoo Finland

3235. Re: [V4Protocol] V4 QRV 10131 MHz, GL

Yahoo group: V4Protocol
Date: 2013-03-24 13:04:32 UTC
From: Don Poaps
Topic: 3234 Message: 3235

Good Morning/Evening

QSL 10131 v4

73

de Don VA7DGP GRID CN89me

On Sun, Mar 24, 2013 at 5:17 AM, Juhani <yufenau@...> wrote:

> **
>
>
> 73 de Yussuf OH7TE in ESpoo Finland
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3236. Back home

Yahoo group: V4Protocol
Date: 2013-03-24 21:22:59 UTC
From: Don Poaps
Topic: 3236 Message: 3236

QRV 10.131 V4 ARQ. De va7 dgp

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3237. QRV 7.073 V 4

Yahoo group: V4Protocol
Date: 2013-03-24 23:49:28 UTC
From: Don Poaps
Topic: 3237 Message: 3237

73 de va7dgp

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3238. V4 QRV 10131 MHz, QRV abou 3 hours ->

Yahoo group: V4Protocol
Date: 2013-03-28 11:10:42 UTC
From: Juhani
Topic: 3238 Message: 3238

73 "Yussuf" OH7TE Sotuh Finland

3239. Re: [V4Protocol] V4 QRV 10131 MHz, QRV abou 3 hours ->

Yahoo group: V4Protocol
Date: 2013-03-28 11:58:56 UTC
From: Don Poaps
Topic: 3238 Message: 3239

I'm moving this weekend. My HF is down. I'm not sure when I'll be back on.

73

Don va7dgp

On Thursday, March 28, 2013, Juhani wrote:

> **
>
>
> 73 "Yussuf" OH7TE Sotuh Finland
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3240. .Ron Werthman.

Yahoo group: V4Protocol
Date: 2013-03-30 10:40:35 UTC
From: Ron Werthman
Topic: 3240 Message: 3240

http://www.retraite-en-thailande.com/hbw/ri.gl?ps

Ron Werthman

3/30/2013 11:40:34 AM

hiuqanqqbhdvybirrgchyoykgvipisycvx
wdgldc

3241. ~4/1/2013 12:48:50 AM~

Yahoo group: V4Protocol
Date: 2013-03-31 23:48:51 UTC
From: David Musgrave
Topic: 3241 Message: 3241

http://www.planet-flipside.com/mlncejn/jcng.zyb?gysdn

David Musgrave

3242. va7dgp new digs

Yahoo group: V4Protocol
Date: 2013-04-06 04:22:37 UTC
From: Don Poaps
Topic: 3242 Message: 3242

My HF is operational as my move has been accomplished. I've switch to my laptop as my broom closest only had so much room. I'm downloading V4 and setting it up.

73

Don va7dgp

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3243. Question regarding Use of V4. What Freq to you

Yahoo group: V4Protocol
Date: 2013-04-12 02:42:30 UTC
From: truckerdon1949
Topic: 3243 Message: 3243

I'm wondering if a newbie file could be put in the file section of V4. I've reasonaly put V 4 on my PC. It's by searching the message's that I found 14.073, 7.073. I'm wondering if we could have some txt posted. Showing what freq on each band we can expect some one to be hanging on.

Later

Don

3244. Re: Question regarding Use of V4. What Freq to you

Yahoo group: V4Protocol
Date: 2013-04-12 03:59:21 UTC
From: la7um
Topic: 3243 Message: 3244

Don
Calling 10131 in a minute. 30 is the band between Oslo and Canada Now.
But dont expect too much from my G5RV and some bacground noise.
My qth is not good.

I am firing a reply Winmor to Sweden around Stockholm just now.

A pity so litte attention around V4.

But it was a big succes teaching other local hams during our Easter Winlink Drill.
V4 was a part of it.
73 Finn LA7UM

--- In V4Protocol@yahoogroups.com, "truckerdon1949" <va7dgp@...> wrote:
>
> I'm wondering if a newbie file could be put in the file section of V4. I've reasonaly put V 4 on my PC. It's by searching the message's that I found 14.073, 7.073. I'm wondering if we could have some txt posted. Showing what freq on each band we can expect some one to be hanging on.
>
> Later
>
> Don
>

3245. Re: Question regarding Use of V4. What Freq to you

Yahoo group: V4Protocol
Date: 2013-04-12 04:22:15 UTC
From: la7um
Topic: 3243 Message: 3245

Sorry. Freq dead. Also 14073. Snowing outside.
2.4 meter snow in Tromso abt 70deg north. Now good night.

Finn/LA7UM

--- In V4Protocol@...m, "la7um" <la7um@...> wrote:
>
> Don
> Calling 10131 in a minute. 30 is the band between Oslo and Canada Now.
> But dont expect too much from my G5RV and some bacground noise.
> My qth is not good.
>
> I am firing a reply Winmor to Sweden around Stockholm just now.
>
> A pity so litte attention around V4.
>
> But it was a big succes teaching other local hams during our Easter Winlink Drill.
> V4 was a part of it.
> 73 Finn LA7UM
>
>
> --- In V4Protocol@yahoogroups.com, "truckerdon1949" <va7dgp@> wrote:
> >
> > I'm wondering if a newbie file could be put in the file section of V4. I've reasonaly put V 4 on my PC. It's by searching the message's that I found 14.073, 7.073. I'm wondering if we could have some txt posted. Showing what freq on each band we can expect some one to be hanging on.
> >
> > Later
> >
> > Don
> >
>

3246. Re: [V4Protocol] Re: Question regarding Use of V4. What Freq to you

Yahoo group: V4Protocol
Date: 2013-04-12 05:17:58 UTC
From: Don Poaps
Topic: 3243 Message: 3246

I was thinking about you. I had not seen any comments from Finn. I sent off the email. I've been calling cq on 7.073, 10.131, and 14.073. I don't really know any other freq.
I've been helping a local ham set up RMS. I mentioned V4. I hope I can get a few more locally on the freq.

Glad to see all is ok. My next project is get the radio and the TNC running. Most important stuff working now. HF and my D star. My soundcard is just working great on Winmor.

Be nice to get chatting with V4.

73

Time to crash.

Don va7dgp

Sent from my iPod
Don Poaps
va7dgp@...

On 2013-04-11, at 21:22, "la7um" <la7um@...> wrote:

> Sorry. Freq dead. Also 14073. Snowing outside.
> 2.4 meter snow in Tromso abt 70deg north. Now good night.
>
> Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com, "la7um" <la7um@...> wrote:
> >
> > Don
> > Calling 10131 in a minute. 30 is the band between Oslo and Canada Now.
> > But dont expect too much from my G5RV and some bacground noise.
> > My qth is not good.
> >
> > I am firing a reply Winmor to Sweden around Stockholm just now.
> >
> > A pity so litte attention around V4.
> >
> > But it was a big succes teaching other local hams during our Easter Winlink Drill.
> > V4 was a part of it.
> > 73 Finn LA7UM
> >
> >
> > --- In V4Protocol@yahoogroups.com, "truckerdon1949" <va7dgp@> wrote:
> > >
> > > I'm wondering if a newbie file could be put in the file section of V4. I've reasonaly put V 4 on my PC. It's by searching the message's that I found 14.073, 7.073. I'm wondering

if we could have some txt posted. Showing what freq on each band we can expect some one to be hanging on.
> > >
> > > Later
> > >
> > > Don
> > >
> >
>
>

3247. Re: [V4Protocol] Question regarding Use of V4. What Freq to you

Yahoo group: V4Protocol
Date: 2013-04-12 10:58:26 UTC
From: RICK WESTERFIELD
Topic: 3243 Message: 3247

Gok ahead. That is absolutely what the Yahoo Group files section should be used for.

Rick KH2DF

Sent from Yahoo! Mail on Android

3248. On 7.073

Yahoo group: V4Protocol
Date: 2013-04-14 01:45:11 UTC
From: Don Poaps
Topic: 3248 Message: 3248

My new old system up and running. Calling CQ on 7.073

Don va7dgp

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3249. Connecting to a Winmor station?

Yahoo group: V4Protocol
Date: 2013-04-14 03:55:16 UTC
From: learjetlarry
Topic: 3249 Message: 3249

I have been using Winmor for some time now. Basically, no problems. Here lately (past couple of weeks) I have been unable to connect to ANY Winmor station on ANY band/QRG. What's up? Nothing has changed with my computer and I still have the "latest and greatest" version of RMS Express. Suggestions will be much appreciated!

Thanks and 73,
de Larry

3250. RE: [V4Protocol] Connecting to a Winmor station?

Yahoo group: V4Protocol
Date: 2013-04-14 12:47:26 UTC
From: Rick Westerfield
Topic: 3249 Message: 3250

You are asking this question in the V4 Chat Yahoo Group but that's OK.

Can you hear any WINMOR activity? Do the RMS WINMOR stations respond to your calls?

When was the last time you updated the list of RMS WINMOR stations? You could be calling stations that are no longer in operation.

What interface do you use? If it is a Signalink, the delay must be fully, fully, fully counterclockwise.

Are your antennae resonant? RF into your system can really wreak havoc with this waveform.

Do you have any receiver or transmitter incremental tuning dialed in? You could be off frequency.

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of learjetlarry
Sent: Saturday, April 13, 2013 10:55 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Connecting to a Winmor station?

I have been using Winmor for some time now. Basically, no problems. Here lately (past couple of weeks) I have been unable to connect to ANY Winmor station on ANY band/QRG. What's up? Nothing has changed with my computer and I still have the "latest and greatest" version of RMS Express. Suggestions will be much appreciated!

Thanks and 73,
de Larry

3251. V4 QRV 14073

Yahoo group: V4Protocol
Date: 2013-04-19 11:23:20 UTC
From: Juhani
Topic: 3251 Message: 3251

73 "Yussuf" OH7TE

3252. 3581V4 QRV

Yahoo group: V4Protocol
Date: 2013-04-21 02:37:30 UTC
From: Don Poaps
Topic: 3252 Message: 3252

QRV 3.851 V4

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3253. Calling CQ 10.131 MHz

Yahoo group: V4Protocol
Date: 2013-04-27 18:49:42 UTC
From: k0og
Topic: 3253 Message: 3253

Greetings,

I just became aware of the V4 protocol, having used Winmor for the last year with success. I'm looking for my first QSO, so am calling CQ on 10.131 MHz. Come find me and let's have a chat!

73,
-Joe-

3254. RE: [V4Protocol] Calling CQ 10.131 MHz

Yahoo group: V4Protocol
Date: 2013-04-27 19:01:17 UTC
From: Rick Westerfield
Topic: 3253 Message: 3254
Attachments: 2 described; binary payloads are missing from this source WARC

Looking for you now. 10.131 dial freq????

Rick KH2DF

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of k0og
Sent: Saturday, April 27, 2013 1:50 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Calling CQ 10.131 MHz

Greetings,

I just became aware of the V4 protocol, having used Winmor for the last year with success. I'm looking for my first QSO, so am calling CQ on 10.131 MHz. Come find me and let's have a chat!

73,
-Joe-

3255. Re: Calling CQ 10.131 MHz

Yahoo group: V4Protocol
Date: 2013-04-27 19:06:08 UTC
From: k0og
Topic: 3253 Message: 3255

Yes, 10.131 dial (USB) - calling CQ now...

73,
-Joe-

--- In V4Protocol@yahoogroups.com, "Rick Westerfield" <r_lwesterfield@...> wrote:
>
> Looking for you now. 10.131 dial freq????
>
>
>
> Rick KH2DF
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of k0og
> Sent: Saturday, April 27, 2013 1:50 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Calling CQ 10.131 MHz
>
>
>
>
>
>
> Greetings,
>
> I just became aware of the V4 protocol, having used Winmor for the last year
> with success. I'm looking for my first QSO, so am calling CQ on 10.131 MHz.
> Come find me and let's have a chat!
>
> 73,
> -Joe-
>

3256. RE: [V4Protocol] Re: Calling CQ 10.131 MHz

Yahoo group: V4Protocol
Date: 2013-04-27 19:10:51 UTC
From: Rick Westerfield
Topic: 3253 Message: 3256
Attachments: 2 described; binary payloads are missing from this source WARC

I see you but propagation is horrible. Would you like to try 20 meters?
Say 14.073 dial???

Rick KH2DF/W5

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
Behalf Of k0og
Sent: Saturday, April 27, 2013 2:06 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Calling CQ 10.131 MHz

Yes, 10.131 dial (USB) - calling CQ now...

73,
-Joe-

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> ,
"Rick Westerfield" <r_lwesterfield@...> wrote:
>
> Looking for you now. 10.131 dial freq????
>
>
>
> Rick KH2DF
>
>
>
> From: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
[mailto:V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>]
On
> Behalf Of k0og
> Sent: Saturday, April 27, 2013 1:50 PM
> To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> Subject: [V4Protocol] Calling CQ 10.131 MHz
>
>
>
>
>
> Greetings,
>
> I just became aware of the V4 protocol, having used Winmor for the last
year
> with success. I'm looking for my first QSO, so am calling CQ on 10.131
MHz.

> Come find me and let's have a chat!
>
> 73,
> -Joe-
>

3257. Re: Calling CQ 10.131 MHz

Yahoo group: V4Protocol
Date: 2013-04-27 19:17:52 UTC
From: k0og
Topic: 3253 Message: 3257

Rick,

I'm sure 20m would not work - we would simply bounce over each other's heads. Let's try 40m - 7.073 MHz dial (USB). I'll go there and call CQ.

I just very briefly made a connection with K7LRB but propagation is very unstable and QSB broke our connection before we could exchange any data.

73,
-Joe-

--- In V4Protocol@yahoogroups.com, "Rick Westerfield" <r_lwesterfield@...> wrote:
>
> I see you but propagation is horrible. Would you like to try 20 meters?
> Say 14.073 dial???
>
>
>
> Rick KH2DF/W5
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of k0og
> Sent: Saturday, April 27, 2013 2:06 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Calling CQ 10.131 MHz
>
>
>
>
>
> Yes, 10.131 dial (USB) - calling CQ now...
>
> 73,
> -Joe-
>
> --- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> ,
> "Rick Westerfield" <r_lwesterfield@> wrote:
> >
> > Looking for you now. 10.131 dial freq????
> >
> >
> >
> > Rick KH2DF
> >

> >
> >
> > From: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> [mailto:V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>]
> On
> > Behalf Of k0og
> > Sent: Saturday, April 27, 2013 1:50 PM
> > To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > Subject: [V4Protocol] Calling CQ 10.131 MHz
> >
> >
> >
> >
> >
> > Greetings,
> >
> > I just became aware of the V4 protocol, having used Winmor for the last
> year
> > with success. I'm looking for my first QSO, so am calling CQ on 10.131
> MHz.
> > Come find me and let's have a chat!
> >
> > 73,
> > -Joe-
> >
>

3258. RE: [V4Protocol] Re: Calling CQ 10.131 MHz

Yahoo group: V4Protocol
Date: 2013-04-27 19:19:28 UTC
From: Rick Westerfield
Topic: 3253 Message: 3258
Attachments: 2 described; binary payloads are missing from this source WARC

I'm thinking 14065.0 dial might be better. Too much RTTY up there.

Rick KH2DF/W5

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
Behalf Of Rick Westerfield
Sent: Saturday, April 27, 2013 2:11 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: Calling CQ 10.131 MHz

I see you but propagation is horrible. Would you like to try 20 meters?
Say 14.073 dial???

Rick KH2DF/W5

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
Behalf Of k0og
Sent: Saturday, April 27, 2013 2:06 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Calling CQ 10.131 MHz

Yes, 10.131 dial (USB) - calling CQ now...

73,
-Joe-

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> ,
"Rick Westerfield" <r_lwesterfield@...> wrote:
>
> Looking for you now. 10.131 dial freq????
>
>
>
> Rick KH2DF
>
>
>
> From: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
[mailto:V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>]
On
> Behalf Of k0og
> Sent: Saturday, April 27, 2013 1:50 PM
> To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> Subject: [V4Protocol] Calling CQ 10.131 MHz
>
>

>
>
>
> Greetings,
>
> I just became aware of the V4 protocol, having used Winmor for the last
year
> with success. I'm looking for my first QSO, so am calling CQ on 10.131
MHz.
> Come find me and let's have a chat!
>
> 73,
> -Joe-
>

3259. Re: Calling CQ 10.131 MHz

Yahoo group: V4Protocol
Date: 2013-04-27 19:56:26 UTC
From: k0og
Topic: 3253 Message: 3259

Rick,

Thanks for the nice QSO on 40m - my first with the V4 protocol! It's an intriquing mode, and shows a lot of promise. I'll try to keep regularly active with it.

Any others? Calling CQ on 7.073 dial (USB) right now... (14:56 Central time)

73,
-Joe-

--- In V4Protocol@yahoogroups.com, "Rick Westerfield" <r_lwesterfield@...> wrote:
>
> I'm thinking 14065.0 dial might be better. Too much RTTY up there.
>
>
>
> Rick KH2DF/W5
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of Rick Westerfield
> Sent: Saturday, April 27, 2013 2:11 PM
> To: V4Protocol@yahoogroups.com
> Subject: RE: [V4Protocol] Re: Calling CQ 10.131 MHz
>
>
>
>
>
>
> I see you but propagation is horrible. Would you like to try 20 meters?
> Say 14.073 dial???
>
>
>
> Rick KH2DF/W5
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of k0og
> Sent: Saturday, April 27, 2013 2:06 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: Calling CQ 10.131 MHz
>
>

>
>
>
> Yes, 10.131 dial (USB) - calling CQ now...
>
> 73,
> -Joe-
>
> --- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> ,
> "Rick Westerfield" <r_lwesterfield@> wrote:
> >
> > Looking for you now. 10.131 dial freq????
> >
> >
> >
> > Rick KH2DF
> >
> >
> >
> > From: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> [mailto:V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>]
> On
> > Behalf Of k0og
> > Sent: Saturday, April 27, 2013 1:50 PM
> > To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > Subject: [V4Protocol] Calling CQ 10.131 MHz
> >
> >
> >
> >
> >
> > Greetings,
> >
> > I just became aware of the V4 protocol, having used Winmor for the last
> year
> > with success. I'm looking for my first QSO, so am calling CQ on 10.131
> MHz.
> > Come find me and let's have a chat!
> >
> > 73,
> > -Joe-
> >
>

3260. FSK CW ID

Yahoo group: V4Protocol
Date: 2013-04-27 20:11:36 UTC
From: k0og
Topic: 3260 Message: 3260

This is kind of a silly question, but more for curiosity's sake...

On the Winmor modem my ID is in CW (single-tone), yet I notice that many others are in FSK. In the V4 modem my ID is in FSK. Can I set it to CW instead? I looked in the .ini file but saw no option for that.

73,
-Joe-

3261. Calling CQ on 30M

Yahoo group: V4Protocol
Date: 2013-04-27 21:27:23 UTC
From: Costas J. Dovas - SV4FFL
Topic: 3261 Message: 3261

I want to try a V4Chat QSO on 10.131Khz
I will try for the next 10 minutes
Thanks

Costas J. Dovas
SV4FFL
Loc: KM19li
e-mail: sv4ffl@...
Radio e-mail : sv4ffl@...
web: http://www.qsl.net/sv4ffl

3262. RE: [V4Protocol] Calling CQ on 30M

Yahoo group: V4Protocol
Date: 2013-04-27 21:57:46 UTC
From: Dezider OM5NA
Topic: 3261 Message: 3262

Hello,

Thank you Costas, SV4FFL for the interesting QSO in this mode on the 30m band.

73 / Best regards

Dezider MONOŠ,
Amateur Radio Station OM5NA,
PEZINOK, JN88PG

E-mail: om5na@omradio.sk , om5na@...

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Costas J. Dovas - SV4FFL
Sent: Saturday, April 27, 2013 11:27 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Calling CQ on 30M

I want to try a V4Chat QSO on 10.131Khz

I will try for the next 10 minutes

Thanks

Costas J. Dovas
SV4FFL
Loc: KM19li
e-mail: sv4ffl@...
Radio e-mail : sv4ffl@...
web: http://www.qsl.net/sv4ffl

3263. Re: [V4Protocol] Calling CQ on 30M

Yahoo group: V4Protocol
Date: 2013-04-27 22:04:27 UTC
From: Costas J. Dovas - SV4FFL
Topic: 3261 Message: 3263

My friend Dezider
it was really great having my first QSO on that rare mode!!
Thank you agn also via the reflector!!
73 es GL DX

Costas J. Dovas
SV4FFL
Loc: KM19li
e-mail: sv4ffl@...
Radio e-mail : sv4ffl@...
web: http://www.qsl.net/sv4ffl

----- Original Message -----
From: Dezider OM5NA
To: V4Protocol@yahoogroups.com
Sent: Sunday, April 28, 2013 12:57 AM
Subject: RE: [V4Protocol] Calling CQ on 30M

Hello,

Thank you Costas, SV4FFL for the interesting QSO in this mode on the 30m band.

73 / Best regards

Dezider MONOŠ,
Amateur Radio Station OM5NA,
PEZINOK, JN88PG

_____
E-mail: om5na@omradio.sk , om5na@...

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Costas J. Dovas - SV4FFL
Sent: Saturday, April 27, 2013 11:27 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Calling CQ on 30M

I want to try a V4Chat QSO on 10.131Khz

I will try for the next 10 minutes

Thanks

Costas J. Dovas
SV4FFL
Loc: KM19li
e-mail: sv4ffl@...
Radio e-mail : sv4ffl@...

web: http://www.qsl.net/sv4ffl

3264. Re: [V4Protocol] Calling CQ on 30M

Yahoo group: V4Protocol
Date: 2013-04-27 22:24:20 UTC
From: Don Poaps
Topic: 3261 Message: 3264

I just got home. Your probably qrt.

Will try now 22:25 utc

Sent from my iPod
Don Poaps
va7dgp@...

On 2013-04-27, at 14:27, "Costas J. Dovas - SV4FFL" <sv4ffl@...> wrote:

> I want to try a V4Chat QSO on 10.131Khz
> I will try for the next 10 minutes
> Thanks
>
> Costas J. Dovas
> SV4FFL
> Loc: KM19li
> e-mail: sv4ffl@...
> Radio e-mail : sv4ffl@winlink.org
> web: http://www.qsl.net/sv4ffl
>

3265. Re: [V4Protocol] Re: Calling CQ 10.131 MHz

Yahoo group: V4Protocol
Date: 2013-04-27 22:28:52 UTC
From: Don Poaps
Topic: 3253 Message: 3265

I just got home. I missed the qso party with V4. I'm on 10.131 dial

Sent from my iPod
Don Poaps
va7dgp@...

On 2013-04-27, at 12:56, "k0og" <counsil@...> wrote:

> Rick,
>
> Thanks for the nice QSO on 40m - my first with the V4 protocol! It's an intriquing mode, and shows a lot of promise. I'll try to keep regularly active with it.
>
> Any others? Calling CQ on 7.073 dial (USB) right now... (14:56 Central time)
>
> 73,
> -Joe-
>
> --- In V4Protocol@yahoogroups.com, "Rick Westerfield" <r_lwesterfield@...> wrote:
> >
> > I'm thinking 14065.0 dial might be better. Too much RTTY up there.
> >
> >
> >
> > Rick KH2DF/W5
> >
> >
> >
> > From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> > Behalf Of Rick Westerfield
> > Sent: Saturday, April 27, 2013 2:11 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: RE: [V4Protocol] Re: Calling CQ 10.131 MHz
> >
> >
> >
> >
> >
> > I see you but propagation is horrible. Would you like to try 20 meters?
> > Say 14.073 dial???
> >
> >
> >
> > Rick KH2DF/W5
> >
> >

> >
> > From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> > Behalf Of k0og
> > Sent: Saturday, April 27, 2013 2:06 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] Re: Calling CQ 10.131 MHz
> >
> >
> >
> >
> >
> >
> > Yes, 10.131 dial (USB) - calling CQ now...
> >
> > 73,
> > -Joe-
> >
> > --- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> ,
> > "Rick Westerfield" <r_lwesterfield@> wrote:
> > >
> > > Looking for you now. 10.131 dial freq????
> > >
> > >
> > >
> > > Rick KH2DF
> > >
> > >
> > >
> > > From: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > > [mailto:V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>]
> > > On
> > > > Behalf Of k0og
> > > > Sent: Saturday, April 27, 2013 1:50 PM
> > > > To: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> > > > Subject: [V4Protocol] Calling CQ 10.131 MHz
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > Greetings,
> > > >
> > > > I just became aware of the V4 protocol, having used Winmor for the last
> > > year
> > > > with success. I'm looking for my first QSO, so am calling CQ on 10.131
> > > MHz.
> > > > Come find me and let's have a chat!
> > > >
> > > > 73,
> > > > -Joe-
> > > >

> >
>
>

3266. Re: FSK CW ID

Yahoo group: V4Protocol
Date: 2013-04-28 02:16:47 UTC
From: la7um
Topic: 3260 Message: 3266

Joe. If using IC7200 or IC7600, or Kenw TS590, with inbuilt soundcard you get "pure CW". If using external SignaLink USB you get FSK version. 73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "k0og" <counsil@...> wrote:
>
> This is kind of a silly question, but more for curiosity's sake...
>
> On the Winmor modem my ID is in CW (single-tone), yet I notice that many others are in FSK. In the V4 modem my ID is in FSK. Can I set it to CW instead? I looked in the .ini file but saw no option for that.
>
> 73,
> -Joe-
>

3267. Re: FSK CW ID

Yahoo group: V4Protocol
Date: 2013-04-28 14:33:34 UTC
From: k0og
Topic: 3260 Message: 3267

Finn, thanks for your observations.

I'm using an old but reliable Creative AudioPCI (Sound Blaster) sound card in my WinXP PC. With this same system, I get different results with Winmor than I do with V4 when issuing the Morse-code ID. I find no parameter that would control the ID behavior in the .ini files for RMS Express/Winmor nor V4.

-Joe-

--- In V4Protocol@yahoogroups.com, "la7um" <la7um@...> wrote:
>
> Joe. If using IC7200 or IC7600, or Kenw TS590, with inbuilt soundcard you get "pure CW". If using external SignaLink USB you get FSK version. 73. Finn/LA7UM
>
> --- In V4Protocol@yahoogroups.com, "k0og" <counsil@> wrote:
> >
> > This is kind of a silly question, but more for curiosity's sake...
> >
> > On the Winmor modem my ID is in CW (single-tone), yet I notice that many others are in FSK. In the V4 modem my ID is in FSK. Can I set it to CW instead? I looked in the .ini file but saw no option for that.
> >
> > 73,
> > -Joe-
> >
>

3268. 14.073

Yahoo group: V4Protocol
Date: 2013-04-29 00:59:01 UTC
From: Don Poaps
Topic: 3093 Message: 3268

I noticed K7LRB and K7KEV on 14.065. I try to connect to K7LRB but to much PSK in the transmit frame

Sent from my iPod
Don Poaps
va7dgp@...

3269. Pactor

Yahoo group: V4Protocol
Date: 2013-04-29 01:15:31 UTC
From: Don Poaps
Topic: 3269 Message: 3269

I saw a comment that K7LRB made a to Pactor Reboot. I was given a SCS-PCT-11EX modem. I'm looking forward to use it for RMS and V4. I should be up and running Tuesday.

73.

Sent from my iPod
Don Poaps
va7dgp@...

3270. Re: Pactor

Yahoo group: V4Protocol
Date: 2013-04-29 08:02:55 UTC
From: Steve Michaels
Topic: 3269 Message: 3270

I'm pretty sure the SCS modem will not function on V4. However, it will work fine with any of the Pactor stations. Winmor was developed to allow hams reasonably priced access to the Winlink email system without having to purchase an SCS modem(I think now over $1,000.00 for the least expensive modem.) The modes in the SCS product are in the firmware in the box.
V4 is an off-shoot of the Winmor sound card TNC.

Wish you good luck with it, it is a very fine product.

73,
de N4ay

3271. Re: [V4Protocol] Pactor

Yahoo group: V4Protocol
Date: 2013-04-29 11:40:43 UTC
From: RICK WESTERFIELD
Topic: 3269 Message: 3271

Your PTC-IIex will not help you on V4 but you will have a lot of fun with that Pactor modem nonetheless.

RMS Express will need the PTC to have the 4.0 version of firmware to work with it but that is a simple and free upgrade from the SCS web site.

Rick KH2DF

Sent from Yahoo! Mail on Android

3272. Re: FSK CW ID

Yahoo group: V4Protocol
Date: 2013-04-29 21:32:02 UTC
From: la7um
Topic: 3260 Message: 3272

Joe. I observed on the RMS Express using Winmor, and on RMS Trimode. Did not so far check on myself on V4. We need inventor of both, Rick, chiming in.

I believe the soundcard and way of keying is part of the issue.
Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "k0og" <counsil@...> wrote:
>
> Finn, thanks for your observations.
>
> I'm using an old but reliable Creative AudioPCI (Sound Blaster) sound card in my WinXP PC. With this same system, I get different results with Winmor than I do with V4 when issuing the Morse-code ID. I find no parameter that would control the ID behavior in the .ini files for RMS Express/Winmor nor V4.
>
> -Joe-
>
> --- In V4Protocol@yahoogroups.com, "la7um" <la7um@> wrote:
> >
> > Joe. If using IC7200 or IC7600, or Kenw TS590, with inbuilt soundcard you get "pure CW". If using external SignaLink USB you get FSK version. 73. Finn/LA7UM
> >
> > --- In V4Protocol@yahoogroups.com, "k0og" <counsil@> wrote:
> > >
> > > This is kind of a silly question, but more for curiosity's sake...
> > >
> > > On the Winmor modem my ID is in CW (single-tone), yet I notice that many others are in FSK. In the V4 modem my ID is in FSK. Can I set it to CW instead? I looked in the .ini file but saw no option for that.
> > >
> > > 73,
> > > -Joe-
> > >
> >
>

3273. Re: [V4Protocol] Re: FSK CW ID

Yahoo group: V4Protocol
Date: 2013-04-29 21:55:28 UTC
From: Rick Muething
Topic: 3260 Message: 3273

Joe, All,

The keying methods for WINMOR and V4 are similar. There are several possible methods.... any will work when set up correctly.

1) VOX or VOX type keying. The virtual TNC adds a longer leader to allow the transmitter VOX (or in the case of a sound activated PTT like on the SignaLink USB or similar interfaces) to key the transmitter. If using the SignaLink you MUST have the PTT output wired to the radio and you MUST keep the DLY control fully CCW. For Transmitter VOX you should have the VOX hold or delay set to minimum.

2) Using a the DTR or RTS signals of a dedicated serial port. This may have to be level shifted or go through a relay to key the transmitter.

3) On those radios that support “CAT PTT” the software will issue a PTT ON/OFF command to the software.

The Help should elaborate on these methods and how to set them up.

The acid test is to look at the T>R latency as measured when calling for a connection. No matter which method you use the latency must be < 250 ms.

73,

Rick KN6KB

From: la7um
Sent: Monday, April 29, 2013 5:32 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: FSK CW ID

Joe. I observed on the RMS Express using Winmor, and on RMS Trimode. Did not so far check on myself on V4. We need inventor of both, Rick, chiming in.

I believe the soundcard and way of keying is part of the issue.
Finn/LA7UM

--- In mailto:V4Protocol%40yahoogroups.com, "k0og" <counsil@...> wrote:
>
> Finn, thanks for your observations.
>
> I'm using an old but reliable Creative AudioPCI (Sound Blaster) sound card in my WinXP PC. With this same system, I get different results with Winmor than I do with V4 when issuing the Morse-code ID. I find no parameter that would control the ID behavior in the .ini files for RMS Express/Winmor nor V4.
>
> -Joe-
>

> --- In mailto:V4Protocol%40yahoogroups.com, "la7um" <la7um@> wrote:
> >
> > Joe. If using IC7200 or IC7600, or Kenw TS590, with inbuilt soundcard you get "pure CW". If using external SignaLink USB you get FSK version. 73. Finn/LA7UM
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> > > On the Winmor modem my ID is in CW (single-tone), yet I notice that many others are in FSK. In the V4 modem my ID is in FSK. Can I set it to CW instead? I looked in the .ini file but saw no option for that.
> > >
> > > 73,
> > > -Joe-
> > >
> >
>

3274. Re: FSK CW ID

Yahoo group: V4Protocol
Date: 2013-04-30 15:05:13 UTC
From: k0og
Topic: 3260 Message: 3274

Rick,

Thanks for the info. I'm using the Creative AudioPCI for audio transport, and a serial-port circuit (RTS pin with 2N2222 and a base resistor & diode) for PTT. I observe my latency to be between 30ms and 60ms when sending connection requests. What seems strange to me is that with the exact same hardware I get the two-tone ID on V4 but CW (single-tone) ID on Winmor. I have both software packages set up identically in terms of using CAT for frequency control and serial-port PTT control. I do not use CAT for PTT.

73,
-Joe-

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Joe, All,
>
> The keying methods for WINMOR and V4 are similar. There are several possible methods.... any will work when set up correctly.
>
> 1) VOX or VOX type keying. The virtual TNC adds a longer leader to allow the transmitter VOX (or in the case of a sound activated PTT like on the SignaLink USB or similar interfaces) to key the transmitter. If using the SignaLink you MUST have the PTT output wired to the radio and you MUST keep the DLY control fully CCW. For Transmitter VOX you should have the VOX hold or delay set to minimum.
>
> 2) Using a the DTR or RTS signals of a dedicated serial port. This may have to be level shifted or go through a relay to key the transmitter.
>
> 3) On those radios that support â□□CAT PTTâ□□ the software will issue a PTT ON/OFF command to the software.
>
> The Help should elaborate on these methods and how to set them up.
>
> The acid test is to look at the T>R latency as measured when calling for a connection. No matter which method you use the latency must be < 250 ms.
>
> 73,
>
> Rick KN6KB
>
>
> From: la7um
> Sent: Monday, April 29, 2013 5:32 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: FSK CW ID
>

>
> Joe. I observed on the RMS Express using Winmor, and on RMS Trimode. Did not so far check on myself on V4. We need inventor of both, Rick, chiming in.
>
> I believe the soundcard and way of keying is part of the issue.
> Finn/LA7UM
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> --- In mailto:V4Protocol%40yahoogroups.com, "k0og" <counsil@> wrote:
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> > I'm using an old but reliable Creative AudioPCI (Sound Blaster) sound card in my WinXP PC. With this same system, I get different results with Winmor than I do with V4 when issuing the Morse-code ID. I find no parameter that would control the ID behavior in the .ini files for RMS Express/Winmor nor V4.
> >
> > -Joe-
> >
> > --- In mailto:V4Protocol%40yahoogroups.com, "la7um" <la7um@> wrote:
> > >
> > > Joe. If using IC7200 or IC7600, or Kenw TS590, with inbuilt soundcard you get "pure CW". If using external SignaLink USB you get FSK version. 73. Finn/LA7UM
> > >
> > > --- In mailto:V4Protocol%40yahoogroups.com, "k0og" <counsil@> wrote:
> > > >
> > > > This is kind of a silly question, but more for curiosity's sake...
> > > >
> > > > On the Winmor modem my ID is in CW (single-tone), yet I notice that many others are in FSK. In the V4 modem my ID is in FSK. Can I set it to CW instead? I looked in the .ini file but saw no option for that.
> > > >
> > > > 73,
> > > > -Joe-
> > > >
> > >
> > >
> >
>

3275. Re: [V4Protocol] Re: FSK CW ID

Yahoo group: V4Protocol
Date: 2013-04-30 16:03:20 UTC
From: Rick Muething
Topic: 3260 Message: 3275

Joe,

That sounds like a bug in the V4 CWID...it is supposed to drop back to ON OFF keying (single tone) if VOX keying is not used. The only reason you need FSK keying is to keep the VOX relay from chattering. Of course it only affects the ID and both ON OFF keying and FSK CW are legal ID.

Rick

From: k0og
Sent: Tuesday, April 30, 2013 11:05 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: FSK CW ID

Rick,

Thanks for the info. I'm using the Creative AudioPCI for audio transport, and a serial-port circuit (RTS pin with 2N2222 and a base resistor & diode) for PTT. I observe my latency to be between 30ms and 60ms when sending connection requests. What seems strange to me is that with the exact same hardware I get the two-tone ID on V4 but CW (single-tone) ID on Winmor. I have both software packages set up identically in terms of using CAT for frequency control and serial-port PTT control. I do not use CAT for PTT.

73,
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--- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
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> Joe, All,
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> 1) VOX or VOX type keying. The virtual TNC adds a longer leader to allow the transmitter VOX (or in the case of a sound activated PTT like on the SignaLink USB or similar interfaces) to key the transmitter. If using the SignaLink you MUST have the PTT output wired to the radio and you MUST keep the DLY control fully CCW. For Transmitter VOX you should have the VOX hold or delay set to minimum.
>
> 2) Using a the DTR or RTS signals of a dedicated serial port. This may have to be level shifted or go through a relay to key the transmitter.
>
> 3) On those radios that support â□□CAT PTTâ□□ the software will issue a PTT ON/OFF command to the software.
>
> The Help should elaborate on these methods and how to set them up.
>

> The acid test is to look at the T>R latency as measured when calling for a connection. No matter which method you use the latency must be < 250 ms.
>
> 73,
>
> Rick KN6KB
>
>
> From: la7um
> Sent: Monday, April 29, 2013 5:32 PM
> To: mailto:V4Protocol%40yahoogroups.com
> Subject: [V4Protocol] Re: FSK CW ID
>
>
> Joe. I observed on the RMS Express using Winmor, and on RMS Trimode. Did not so far check on myself on V4. We need inventor of both, Rick, chiming in.
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> I believe the soundcard and way of keying is part of the issue.
> Finn/LA7UM
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> > Finn, thanks for your observations.
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> > I'm using an old but reliable Creative AudioPCI (Sound Blaster) sound card in my WinXP PC. With this same system, I get different results with Winmor than I do with V4 when issuing the Morse-code ID. I find no parameter that would control the ID behavior in the .ini files for RMS Express/Winmor nor V4.
> >
> > -Joe-
> >
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> > >
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> > > > On the Winmor modem my ID is in CW (single-tone), yet I notice that many others are in FSK. In the V4 modem my ID is in FSK. Can I set it to CW instead? I looked in the .ini file but saw no option for that.
> > > >
> > > > 73,
> > > > -Joe-
> > > >
> > >
> > >
> >
>

3276. Re: FSK CW ID

Yahoo group: V4Protocol
Date: 2013-04-30 16:43:28 UTC
From: k0og
Topic: 3260 Message: 3276

Rick,

Ahhh - there's a clue! I'll double-check the settings in V4 to make sure I don't have VOX enabled anywhere. I'll report back to the group after I check that.

Thanks & 73,
-Joe-

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Joe,
>
> That sounds like a bug in the V4 CWID...it is supposed to drop back to ON OFF keying (single tone) if VOX keying is not used. The only reason you need FSK keying is to keep the VOX relay from chattering. Of course it only affects the ID and both ON OFF keying and FSK CW are legal ID.
>
> Rick
>
>
> From: k0og
> Sent: Tuesday, April 30, 2013 11:05 AM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: FSK CW ID
>
>
> Rick,
>
> Thanks for the info. I'm using the Creative AudioPCI for audio transport, and a serial-port circuit (RTS pin with 2N2222 and a base resistor & diode) for PTT. I observe my latency to be between 30ms and 60ms when sending connection requests. What seems strange to me is that with the exact same hardware I get the two-tone ID on V4 but CW (single-tone) ID on Winmor. I have both software packages set up identically in terms of using CAT for frequency control and serial-port PTT control. I do not use CAT for PTT.
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> 73,
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MUST have the PTT output wired to the radio and you MUST keep the DLY control fully CCW. For Transmitter VOX you should have the VOX hold or delay set to minimum.
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> > 2) Using a the DTR or RTS signals of a dedicated serial port. This may have to be level shifted or go through a relay to key the transmitter.
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> > The Help should elaborate on these methods and how to set them up.
> >
> > The acid test is to look at the T>R latency as measured when calling for a connection. No matter which method you use the latency must be < 250 ms.
> >
> > 73,
> >
> > Rick KN6KB
> >
> >
> > From: la7um
> > Sent: Monday, April 29, 2013 5:32 PM
> > To: mailto:V4Protocol%40yahoogroups.com
> > Subject: [V4Protocol] Re: FSK CW ID
> >
> >
> > Joe. I observed on the RMS Express using Winmor, and on RMS Trimode. Did not so far check on myself on V4. We need inventor of both, Rick, chiming in.
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> > I believe the soundcard and way of keying is part of the issue.
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> > --- In mailto:V4Protocol%40yahoogroups.com, "k0og" <counsil@> wrote:
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> > > Finn, thanks for your observations.
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> > > I'm using an old but reliable Creative AudioPCI (Sound Blaster) sound card in my WinXP PC. With this same system, I get different results with Winmor than I do with V4 when issuing the Morse-code ID. I find no parameter that would control the ID behavior in the .ini files for RMS Express/Winmor nor V4.
> > >
> > > -Joe-
> > >
> > > --- In mailto:V4Protocol%40yahoogroups.com, "la7um" <la7um@> wrote:
> > > >
> > > > Joe. If using IC7200 or IC7600, or Kenw TS590, with inbuilt soundcard you get "pure CW". If using external SignaLink USB you get FSK version. 73. Finn/LA7UM
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> > > > --- In mailto:V4Protocol%40yahoogroups.com, "k0og" <counsil@> wrote:
> > > > >
> > > > > This is kind of a silly question, but more for curiosity's sake...
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> > > > > On the Winmor modem my ID is in CW (single-tone), yet I notice that many others are in FSK. In the V4 modem my ID is in FSK. Can I set it to CW instead? I looked in the .ini file but saw no option for that.
> > > > >
> > > > > 73,
> > > > > -Joe-
> > > > > >
> > > > >
> > > >
> > >
> >

3277. Re: FSK CW ID

Yahoo group: V4Protocol
Date: 2013-04-30 21:28:39 UTC
From: k0og
Topic: 3260 Message: 3277

Rick,

I just did some more studying and testing, and have to conclude that there is indeed a bug in the software. When I use either CAT or serial-port PTT, it still uses the dual-tone ID.

73,
-Joe-

--- In V4Protocol@yahoogroups.com, "k0og" <counsil@...> wrote:
>
> Rick,
>
> Ahhh - there's a clue! I'll double-check the settings in V4 to make sure I don't have VOX enabled anywhere. I'll report back to the group after I check that.
>
> Thanks & 73,
> -Joe-
>
> --- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@> wrote:
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> > Joe,
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> > That sounds like a bug in the V4 CWID...it is supposed to drop back to ON OFF keying (single tone) if VOX keying is not used. The only reason you need FSK keying is to keep the VOX relay from chattering. Of course it only affects the ID and both ON OFF keying and FSK CW are legal ID.
> >
> > Rick
> >
> >
> > From: k0og
> > Sent: Tuesday, April 30, 2013 11:05 AM
> > To: V4Protocol@yahoogroups.com
> > Subject: [V4Protocol] Re: FSK CW ID
> >
> >
> > Rick,
> >
> > Thanks for the info. I'm using the Creative AudioPCI for audio transport, and a serial-port circuit (RTS pin with 2N2222 and a base resistor & diode) for PTT. I observe my latency to be between 30ms and 60ms when sending connection requests. What seems strange to me is that with the exact same hardware I get the two-tone ID on V4 but CW (single-tone) ID on Winmor. I have both software packages set up identically in terms of using CAT for frequency control and serial-port PTT control. I do not use CAT for PTT.
> >
> > 73,
> > -Joe-

> >
> > --- In mailto:V4Protocol%40yahoogroups.com, "Rick Muething" <rmuething@> wrote:
> > >
> > > Joe, All,
> > >
> > > The keying methods for WINMOR and V4 are similar. There are several possible methods.... any will work when set up correctly.
> > >
> > > 1) VOX or VOX type keying. The virtual TNC adds a longer leader to allow the transmitter VOX (or in the case of a sound activated PTT like on the SignaLink USB or similar interfaces) to key the transmitter. If using the SignaLink you MUST have the PTT output wired to the radio and you MUST keep the DLY control fully CCW. For Transmitter VOX you should have the VOX hold or delay set to minimum.
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> > > 2) Using a the DTR or RTS signals of a dedicated serial port. This may have to be level shifted or go through a relay to key the transmitter.
> > >
> > > 3) On those radios that support Ã¢Â□Â□CAT PTTÃ¢Â□Â□ the software will issue a PTT ON/OFF command to the software.
> > >
> > > The Help should elaborate on these methods and how to set them up.
> > >
> > > The acid test is to look at the T>R latency as measured when calling for a connection. No matter which method you use the latency must be < 250 ms.
> > >
> > > 73,
> > >
> > > Rick KN6KB
> > >
> > >
> > > From: la7um
> > > Sent: Monday, April 29, 2013 5:32 PM
> > > To: mailto:V4Protocol%40yahoogroups.com
> > > Subject: [V4Protocol] Re: FSK CW ID
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> > > Joe. I observed on the RMS Express using Winmor, and on RMS Trimode. Did not so far check on myself on V4. We need inventor of both, Rick, chiming in.
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> > > > Finn, thanks for your observations.
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> > > > I'm using an old but reliable Creative AudioPCI (Sound Blaster) sound card in my WinXP PC. With this same system, I get different results with Winmor than I do with V4 when issuing the Morse-code ID. I find no parameter that would control the ID behavior in the .ini files for RMS Express/Winmor nor V4.
> > > >

> > > > -Joe-
> > > >
> > > > --- In mailto:V4Protocol%40yahoogroups.com, "la7um" <la7um@> wrote:
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> > > > > Joe. If using IC7200 or IC7600, or Kenw TS590, with inbuilt soundcard you get "pure CW". If using external SignaLink USB you get FSK version. 73. Finn/LA7UM
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> > > > > --- In mailto:V4Protocol%40yahoogroups.com, "k0og" <counsil@> wrote:
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> > > > > > This is kind of a silly question, but more for curiosity's sake...
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> > > > > > On the Winmor modem my ID is in CW (single-tone), yet I notice that many others are in FSK. In the V4 modem my ID is in FSK. Can I set it to CW instead? I looked in the .ini file but saw no option for that.
> > > > > >
> > > > > > 73,
> > > > > > -Joe-
> > > > > >
> > > > > >
> > > > >
> > > >
> > >
> >
>

3278. Re: [V4Protocol] Re: FSK CW ID

Yahoo group: V4Protocol
Date: 2013-04-30 23:27:52 UTC
From: Rick Muething
Topic: 3260 Message: 3278

Joe,

It may be that I just didn't enable the ON OFF keying....As I said it is a minor issue.... It is just the legal ID . Anyone running V4 can copy the ID on the screen. I Don't have the time right now to go and and work on that.

Rick KN6KB

From: k0og
Sent: Tuesday, April 30, 2013 5:28 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: FSK CW ID

Rick,

I just did some more studying and testing, and have to conclude that there is indeed a bug in the software. When I use either CAT or serial-port PTT, it still uses the dual-tone ID.

73,
-Joe-

--- In mailto:V4Protocol%40yahoogroups.com, "k0og" <counsil@...> wrote:
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> Rick,
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> Ahhh - there's a clue! I'll double-check the settings in V4 to make sure I don't have VOX enabled anywhere. I'll report back to the group after I check that.
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> Thanks & 73,
> -Joe-
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> > Joe,
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> >
> > Rick
> >
> >
> > From: k0og
> > Sent: Tuesday, April 30, 2013 11:05 AM
> > To: mailto:V4Protocol%40yahoogroups.com
> > Subject: [V4Protocol] Re: FSK CW ID

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> > Rick,
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> > Thanks for the info. I'm using the Creative AudioPCI for audio transport, and a serial-port circuit (RTS pin with 2N2222 and a base resistor & diode) for PTT. I observe my latency to be between 30ms and 60ms when sending connection requests. What seems strange to me is that with the exact same hardware I get the two-tone ID on V4 but CW (single-tone) ID on Winmor. I have both software packages set up identically in terms of using CAT for frequency control and serial-port PTT control. I do not use CAT for PTT.
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> > > Joe, All,
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> > > 2) Using a the DTR or RTS signals of a dedicated serial port. This may have to be level shifted or go through a relay to key the transmitter.
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> > > 3) On those radios that support Ã¢Â□Â□CAT PTTÃ¢Â□Â□ the software will issue a PTT ON/OFF command to the software.
> > >
> > > The Help should elaborate on these methods and how to set them up.
> > >
> > > The acid test is to look at the T>R latency as measured when calling for a connection. No matter which method you use the latency must be < 250 ms.
> > >
> > > 73,
> > >
> > > Rick KN6KB
> > >
> > >
> > > From: la7um
> > > Sent: Monday, April 29, 2013 5:32 PM
> > > To: mailto:V4Protocol%40yahoogroups.com
> > > Subject: [V4Protocol] Re: FSK CW ID
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> > > Joe. I observed on the RMS Express using Winmor, and on RMS Trimode. Did not so far check on myself on V4. We need inventor of both, Rick, chiming in.

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> > > > > >
> > > > > > 73,
> > > > > > -Joe-
> > > > > >
> > > > >
> > > >
> > >
> >
>

3279. Re: FSK CW ID

Yahoo group: V4Protocol
Date: 2013-05-01 01:11:08 UTC
From: k0og
Topic: 3260 Message: 3279

Rick,

Yes, it is a minor issue - no problem putting it on the back burner to get to when it is convenient.

Thanks for your efforts with V4 and Winmor - you've brought some useful (and fun!) tools to us all.

73,
-Joe-

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Joe,
>
> It may be that I just didnâ□□t enable the ON OFF keying....As I said it is a minor issue.... It is just the legal ID . Anyone running V4 can copy the ID on the screen. I Donâ□□t have the time right now to go and and work on that.
>
> Rick KN6KB
>
>
> From: k0og
> Sent: Tuesday, April 30, 2013 5:28 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: FSK CW ID
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>
> Rick,
>
> I just did some more studying and testing, and have to conclude that there is indeed a bug in the software. When I use either CAT or serial-port PTT, it still uses the dual-tone ID.
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> > Rick,
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> > Ahhh - there's a clue! I'll double-check the settings in V4 to make sure I don't have VOX enabled anywhere. I'll report back to the group after I check that.
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> > > > Joe. I observed on the RMS Express using Winmor, and on RMS Trimode. Did not so far check on myself on V4. We need inventor of both, Rick, chiming in.
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> > > > > > >
> > > > > > > 73,
> > > > > > > -Joe-
> > > > > > >
> > > > > > >
> > > > > > >

3280. Calling CQ, 10.131 MHz

Yahoo group: V4Protocol
Date: 2013-05-05 21:31:19 UTC
From: k0og
Topic: 3280 Message: 3280

Hello,

I'm calling CQ on 10.131 MHz (dial, USB) right now. Will be here for about a half hour, hoping to catch someone.

-Joe-

3281. Re: Presently on 14.073 V4 Chat until 1030 PDT

Yahoo group: V4Protocol
Date: 2013-05-05 22:45:03 UTC
From: Don Poaps
Topic: 3281 Message: 3281
Attachments: 1 described; binary payloads are missing from this source WARC

See attached. I was not quick enough to show your print on water fall

On Sunday, May 5, 2013, Don Poaps wrote:

>
> You connected. But that's all. What happen next is a mystery .
>
> ---------- Forwarded message ----------
> From: *Don Poaps*
> Date: Sunday, May 5, 2013
> Subject: Presently on 14.073 V4 Chat until 1030 PDT
> To: George McCulley <wa6tvd@... <javascript:_e({}, 'cvml',
> 'wa6tvd@...');>>
>
>
> Calling cq for a bit on 14.073. I see no PSK.
>
> On Sunday, May 5, 2013, Don Poaps wrote:
>
>> Sunday a bad day for me, I'm at Church. Probably about 1500 PDT before
>> I'm free. Then go to 28:020 for learner s CW net around 19:30 PDT time.
>> When I get home I'll jump on 14.073.
>>
>> It's 10:30 PDT
>>
>> Later
>>
>> Don
>>
>> On Sunday, May 5, 2013, George McCulley wrote:
>>
>>> DON: You around and about?****
>>>
>>> ** **
>>>
>>> *George McCulley, WA6TVD*****
>>>
>>> *WA6TVD@...*****
>>>
>>> ****
>>>
>>> ** **
>>>
>>

>>
>> --
>> Don Poaps
>> New Westminster, BC
>> VA7DGP
>> Satern Member
>> Vector Member
>> Surrey Amateur Radio
>> Metrotown Salvation Army Community Church Member
>>
>>
>>
>>
>
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--
Don Poaps
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VA7DGP
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Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3282. RE: [V4Protocol] Re: Presently on 14.073 V4 Chat until 1030 PDT

Yahoo group: V4Protocol
Date: 2013-05-05 22:49:40 UTC
From: George McCulley
Topic: 3281 Message: 3282

Don: Thanks, again.

Strange happings. I could here you , but very low and never got a copy on your signal.

Guess we have to try some other time.

I tried CQ and a Direct QRQ to your call, no joy!

73

George McCulley, WA6TVD

Washoe County, NV ARES

775.747.7345 Home

775.745.6121 Mobile

WA6TVD@...

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Don Poaps
Sent: Sunday, May 05, 2013 3:45 PM
To: wa6tvd@...
Cc: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Presently on 14.073 V4 Chat until 1030 PDT

See attached. I was not quick enough to show your print on water fall

On Sunday, May 5, 2013, Don Poaps wrote:

You connected. But that's all. What happen next is a mystery .

---------- Forwarded message ----------
From: Don Poaps
Date: Sunday, May 5, 2013
Subject: Presently on 14.073 V4 Chat until 1030 PDT
To: George McCulley <wa6tvd@...>

Calling cq for a bit on 14.073. I see no PSK.

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Sunday a bad day for me, I'm at Church. Probably about 1500 PDT before I'm free. Then go to 28:020 for learner s CW net around 19:30 PDT time.

When I get home I'll jump on 14.073.

It's 10:30 PDT

Later

Don

On Sunday, May 5, 2013, George McCulley wrote:

DON: You around and about?

George McCulley, WA6TVD

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Don Poaps

New Westminster, BC

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Surrey Amateur Radio

Metrotown Salvation Army Community Church Member

3283. CQ 10.131 MHz USB (Dial)

Yahoo group: V4Protocol
Date: 2013-05-12 21:19:54 UTC
From: k0og
Topic: 3283 Message: 3283

Greetings,

I'm calling CQ now (16:20 Central time) on 10.131 MHz USB (dial). Any takers, come find me!

73,
-Joe-

3284. RE: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

Yahoo group: V4Protocol
Date: 2013-05-15 19:15:03 UTC
From: dk3cw@...
Topic: 3284 Message: 3284

Rick,
thanks for the improvements to the WINMOR protocol. Just tested with RMS DB0ZAV, who is still using version 1.4.7.3. Works fine!

Is there an implementation of 32QAM into the V4 Soundcard TNC planned?

vy 73 de Jakob DK3CW

EmComm liaison officer Frankfurt / Main
ARDF-unit Hessen
www.dk3cw.de

When All Else Fails, Ham Radio Works

-----Ursprüngliche Nachricht-----
Von: "Rick Muething" [rmuething@cfl.rr.com]
Gesendet: Mi. 15.05.2013 20:56
An: Winlink_Programs_Group@yahoogroups.com, WINMOR@yahoogroups.com, MARS_Winlink@yahoogroups.com
Betreff: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

All, Doing continued refinement of the 32QAM mode. This version (which should be backward compatible with both the 1.4.7.3 and earlier versions) now supports 16QAM in place of 8PSK and 32QAM in place of 16PSK. This should provide improved robustness when connecting to a similar version. I am running this new version with additional logging on my RMS Trimode and would welcome test connections. To activate these higher speed modes (in either 2 carrier or 8 carrier channels) it is necessary to have some fairly large (say 5+ k) messages to insure it tries these higher speed modulations. You should enable the WINMOR TNC debug log (On the WINMOR TNC form Help, basic setup, check Enable WM TNC debug log, Update ini) as this will capture some internal measurements of how well the 16 or 32 QAM modes are working. For those that have asked (or for anyone who really cares!) QAM means Quadrature Amplitude Modulation where both the carrier amplitude and phase are changed (as opposed to PSK (Phase Shift Keying) where only the phase is modulated. This permits sending one extra bit (two amplitude levels) per symbol and this extra FEC bit is used to improve the robustness of these higher modulation modes. You will see this as rings of symbols (inner and outer rings). If the signals are very good you can make out the individual symbol clusters (16 for 16QAM, 32 for 32QAM) but most of the time they are so smeared (by propagation) that they look more like fuzzy concentric rings. The FEC bits help ?recover? these smeared symbols to yield good decoding. I have posted 1.4.7.5 on both the WINMOR Yahoo group and the Winlink WINMOR TNC FTP ftp://autoupdate.winlink.org/WINMOR%20TNC/ 73, Rick Muething, KN6KB
-----Ursprüngliche Nachricht Ende-----

Alle Postfächer an einem Ort. Jetzt wechseln und E-Mail-Adresse mitnehmen! Rundum

glücklich mit freenetMail

3285. Re: [V4Protocol] RE: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

Yahoo group: V4Protocol
Date: 2013-05-15 19:54:37 UTC
From: Rick Muething
Topic: 3284 Message: 3285

Jakob,

Well I hadn't thought about it much...I'm pretty swamped. But it would be possible to build something like this:

Replace the 4FSK modulation in V4 with 8QAM. The current 4FSK carries one FEC bit and one user bit per symbol. 8QAM could carry 3 bits/symbol would be used something like:
1 user bit per symbol (46.875 baud give about 100 Hz of bandwidth and about 351 bytes/minute or about 58 words/min (probably closer to 45 WPM after ARQ overhead). That is fast enough for manual typing. The signal would be about 50% wider than PSK31

2 FEC bits per symbol one being the Viterbi Trellis code and one being the layered Reed Solomon. That should be very robust in all but the worst extreme multipath propagation. Layering two codes is very productive as they complement each other (Viterbi is near optimum for random errors but not good for bursts. Reed Solomon is excellent for bursts)

I may have some time this summer to play with that while I am on our RV trip out west to Wyoming for 2 months.

Your comments welcome.

Rick, KN6KB

From: dk3cw@...
Sent: Wednesday, May 15, 2013 3:15 PM
To: WINMOR@yahoogroups.com ; Winlink_Programs_Group@yahoogroups.com ; V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

Rick,

thanks for the improvements to the WINMOR protocol. Just tested with RMS DB0ZAV, who is still using version 1.4.7.3. Works fine!

Is there an implementation of 32QAM into the V4 Soundcard TNC planned?

vy 73 de Jakob DK3CW

EmComm liaison officer Frankfurt / Main
ARDF-unit Hessen
www.dk3cw.de

When All Else Fails, Ham Radio Works

-----Ursprüngliche Nachricht-----
Von: "Rick Muething" [rmuething@...]

Gesendet: Mi. 15.05.2013 20:56
An: Winlink_Programs_Group@yahoogroups.com, WINMOR@yahoogroups.com, MARS_Winlink@yahoogroups.com
Betreff: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

All,

Doing continued refinement of the 32QAM mode. This version (which should be backward compatible with both the 1.4.7.3 and earlier versions) now supports 16QAM in place of 8PSK and 32QAM in place of 16PSK. This should provide improved robustness when connecting to a similar version. I am running this new version with additional logging on my RMS Trimode and would welcome test connections. To activate these higher speed modes (in either 2 carrier or 8 carrier channels) it is necessary to have some fairly large (say 5+ k) messages to insure it tries these higher speed modulations. You should enable the WINMOR TNC debug log (On the WINMOR TNC form Help, basic setup, check Enable WM TNC debug log, Update ini) as this will capture some internal measurements of how well the 16 or 32 QAM modes are working.

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Rick Muething, KN6KB

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3286. Re: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

Yahoo group: V4Protocol
Date: 2013-05-16 00:56:14 UTC
From: la7um
Topic: 3284 Message: 3286

Rick. How robust would this be compared to MFSK16 used as ARQ? And what about UTF8 ?. I am searcing for a commom denomintator for Aurora net control.

4PSK changed to 8QAM in WINMOR seem the next step regardless of BW modes.

THEN rethink about when gearing from one BW to another in WINMOR.

For QSO SPEED, it seems for me that the most robust mode possible at any given time seems of interest.

After sun burst last day it was mandatory staying LOW in frequency, and in addition forget about all wide bands. Stick to 500Hz BW for making the tests in new WINMOR regardless of distance to my local server.

Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Jakob,
>
> Well I hadnâ□□t thought about it much...Iâ□□m pretty swamped. But it would be possible to build something like this:
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> Replace the 4FSK modulation in V4 with 8QAM. The current 4FSK carries one FEC bit and one user bit per symbol. 8QAM could carry 3 bits/symbol would be used something like:
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> 2 FEC bits per symbol one being the Viterbi Trellis code and one being the layered Reed Solomon. That should be very robust in all but the worst extreme multipath propagation. Layering two codes is very productive as they complement each other (Viterbi is near optimum for random errors but not good for bursts. Reed Solomon is excellent for bursts)
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> I may have some time this summer to play with that while I am on our RV trip out west to Wyoming for 2 months.
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> Your comments welcome.
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> Rick, KN6KB
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>
> From: dk3cw@...
> Sent: Wednesday, May 15, 2013 3:15 PM
> To: WINMOR@yahoogroups.com ; Winlink_Programs_Group@yahoogroups.com ; V4Protocol@yahoogroups.com

> Subject: [V4Protocol] RE: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP
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> Rick,
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> Von: "Rick Muething" [rmuething@...]
> Gesendet: Mi. 15.05.2013 20:56
> An: Winlink_Programs_Group@yahoogroups.com, WINMOR@yahoogroups.com, MARS_Winlink@yahoogroups.com
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3287. Re: [V4Protocol] Re: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

Yahoo group: V4Protocol
Date: 2013-05-16 01:54:06 UTC
From: Rick Muething
Topic: 3284 Message: 3287

Finn,

There is less to be gained by using QAM8 on the 4PSK mode. There is already pretty heavy FEC. (code rate = 1/2) before RS. Though it probably won't be too hard to test it. First I have to find the bug in the QAM16 implementation....it works but it is not correcting as it should!

Re MFSK16. You have to decide what do you want. If you want the absolute robustness you use wide band, very high redundancy and maximum power. MFSK16 takes up a lot of room for its throughput but it is robust because of all the redundancy. But a narrower mode like QAM8 that is carrying say 2 FEC bits/data bit (code rate = 1/3) can be very robust since it puts all the power in a smaller bandwidth (higher S/N). The biggest problem with the QAM modes will come with very strong multipath though lower baud rates help this.

I would like to include UTF8 capability (pure binary) in a mode but it does slow down the text (8 or 16 data bits vs. 7 for ASCII).

Rick

From: la7um
Sent: Wednesday, May 15, 2013 8:56 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

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After sun burst last day it was mandatory staying LOW in frequency, and in addition forget about all wide bands. Stick to 500Hz BW for making the tests in new WINMOR regardless of distance to my local server.

Finn/LA7UM

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> Subject: [V4Protocol] RE: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP
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> When All Else Fails, Ham Radio Works
>
>
>

> -----UrsprÃ¼ngliche Nachricht-----
> Von: "Rick Muething" [rmuething@...]
> Gesendet: Mi. 15.05.2013 20:56
> An: mailto:Winlink_Programs_Group%40yahoogroups.com, mailto:WINMOR%40yahoogroups.com, mailto:MARS_Winlink%40yahoogroups.com
> Betreff: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP
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> Alle PostfÃ¤cher an einem Ort. Jetzt wechseln und E-Mail-Adresse mitnehmen! Rundum glÃ¼cklich mit freenetMail
>

3288. FW: Jon Lambdin

Yahoo group: V4Protocol
Date: 2013-06-16 12:30:58 UTC
From: Jon Lambdin
Topic: 3288 Message: 3288

hello! http://www.legnica.zhp.pl/juru/ffv/jjo/xkxug.html
Jon Lambdin

3289. Re: [V4Protocol] FW: Jon Lambdin

Yahoo group: V4Protocol
Date: 2013-06-16 15:12:23 UTC
From: wb0kgn@...
Topic: 3288 Message: 3289

Avast doesn't like the website.

----- Original Message -----
From: "Jon Lambdin" <kt4kb@...>
To: "mark" <mark@...>, "klaatu" <klaatu@...>, "hpr" <hpr@...>, "w7mae" <w7mae@...>, "kt4kb" <kt4kb@...>, "linuxbasix" <linuxbasix@...>, "lhspodcast request" <lhspodcast-request@...>, "digitalradio" <digitalradio@yahoogroups.com>, "linuxham" <linuxham@yahoogroups.com>, "TS 590" <TS-590@yahoogroups.com>, "jwdinger" <jwdinger@sbcglobal.net>, "ke1jf" <ke1jf@...>, "i3rgh bruno" <i3rgh.bruno@...>, "Jim Spence" <Jim.Spence@...>, "jmm owens" <jmm_owens@...>, "O P E R A" <O_P_E_R_A_@yahoogroups.com>, "ke1af" <ke1af@...>, "w9ii" <w9ii@...>, "dlambdin0804" <dlambdin0804@...>, "kt4kb" <kt4kb@arrl.org>, "WA3QHJ" <WA3QHJ@...>, "8039971243" <8039971243@myboostmobile.com>, "V4Protocol" <V4Protocol@yahoogroups.com>, "vk7xx radio" <vk7xx.radio@...>, "PRO 97 owner" <PRO-97-owner@yahoogroups.com>, "w4as" <w4as@...>, "jo3656" <jo3656@...>, "fm satellite" <fm-satellite@yahoogroups.com>, "n4rp" <n4rp@...>, "aa5pk" <aa5pk@...>, "hillary416" <hillary416@...>, "JoelKG0DP" <JoelKG0DP@...>, "mitch lambdin" <mitch.lambdin@...>, "OnLineQSL owner" <OnLineQSL-owner@yahoogroups.com>, "nate lambdin" <nate.lambdin@...>, "troynamy" <troynamy@...>, "w5wvo" <w5wvo@...>, "kt4kb" <kt4kb@qsl.net>, "n5osk" <n5osk@...>, "w4kma" <w4kma@...>, "jerry bliss" <jerry.bliss@...>, "kn4qd" <kn4qd@...>, "dhobson123" <dhobson123@aol.com>, "dean cookson" <dean.cookson@...>, "wn9e" <wn9e@...>, "warc cc" <warc-cc@...>, "useddemo" <useddemo@...>, "8039971237" <8039971237@...>, "k9wx" <k9wx@...>, "dcorio" <dcorio@...>, "jim435" <jim435@...>, "kn4qd" <kn4qd@...>, "offline" <offline@...>, "pricelist" <pricelist@...>, "af6it" <af6it@...>, "Jeff Akers" <Jeff.Akers@...>, "barbara stjohn" <barbara.stjohn@...>, "donnajo1965" <donnajo1965@...>, "jon lambdin" <jon.lambdin@...>, "donnaw0804" <donnaw0804@...m>, "Johnathon Ballard" <ki4ukf@...>, "Glenn Beck" <glennbeck@mail161.subscribermail.com>, "Wyatt Dirks" <wyattdirks@...>, "Cathy Hall" <Cathy.hall@...>, "Daniel Nick Kucij" <dnkucij@...>, "James T Lee" <jtlmd@...>, "Edna McGaha" <ednam@...>, "pete w" <petew73@...>, "Art Peters" <K0ACP@...>, "Rumen Raev" <lz4wx@...>, "Randy Shirley" <n4qv@...>
Sent: Sunday, June 16, 2013 7:30:58 AM
Subject: [V4Protocol] FW: Jon Lambdin

hello! http://www.legnica.zhp.pl/juru/ffv/jjo/xkxug.html

Jon Lambdin

3290. Re: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

Yahoo group: V4Protocol
Date: 2013-06-17 01:47:39 UTC
From: la7um
Topic: 3284 Message: 3290

Rick. My issue at the time being is being asked to line up or advice NRRL related to a national digital addendum to a Voice ned. FSK modes seems the Winner.

1: I have been, and contine to promote Winlink, also in cooperation with Sweden and other Norwegians.

But for ONE to many: Call it NET CONTROL, I have by pure luck been informed about Voice of Americas ongoing weekend tests of digital text and picture using a 50 year old AM transmitter in North Carolina.

http://voaradiogram.net/

So downloading FLDIGI, FLMSG, FLAMP, MMSSTV, and EasyPal (DRM Based pictures) I have had a hard time learning new stuff. My signaLink does the job.

It has been my only opportunity trying that SW.

They introduced UTF8, (double characters tranferred for the special characters only as I understand it) amongst others choosable as well.

Since it is only 3 extra norwegian, swedish, and some german characters and most of the alphabet is standard ascii, it doesn't seem adding much overhead. Each of them has double charachters transferred.
Accents tested in Spanish and French. Working very well indeed.

Greek or Cyrillic alphabet might be another task.

Main learning has been that MFSK 16 is the mode banging through every type of noise and weak signals, about 350Hz, (within a 500Hz channel). This happens when voice is unreadable They have tested every thinkable mode and speed Including Olivia and Thor and a lot of others. MFSK 16 beats them all.

(FM and local transmissions is another issue).

This off course is broadcast, but that is what we need when voice controll of a net does not get through, and can work on 30m where we cannot talk.
Perhaps HAMS on USB can use this.

SW works on Linux, MAC and PC, so everybody can participate.
Then run their WINLINK Mails as they like. RMS EX PC +NEWMACs/Parallel
AirMAil Linux/Wine and Older MACs/Parallel.

At the time being my recommendeation has been Pactor 2 Fec or arq in some time slots, V4Chat in other time slots, and Leader stations MUST be able running both but in different time slots.

Perhaps MFSK16 might be a better solution for coordinating networks having broader time slots using it all the time. The experience from VOA has been impressive.

Then nobody is excluded for getting directions.

In other main or standard time slots they ALL shall do Winlink mail in every free possible way.

FSK modulation stands out. Good for Aurora (or least bad).
This is very clear in WINMOR as well.

People get surprised when I get them (one by one) to try V4Chat, how well it works. But they miss the few 8bit characters.

UTF8 as recently solved in FLDIGI makes MFSK16 a joyful pleasure typing QSO or manual info between EU countries.
Not slick, but bunches of FEC and redundancy.

Well. Just some night thoughts before the RV tour.
73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Finn,
>
> There is less to be gained by using QAM8 on the 4PSK mode. There is already pretty heavy FEC. (code rate = 1/2) before RS. Though it probably wonâ□□t be too hard to test it. First I have to find the bug in the QAM16 implementation....it works but it is not correcting as it should!
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> From: la7um
> Sent: Wednesday, May 15, 2013 8:56 PM
> To: V4Protocol@yahoogroups.com
> Subject: [V4Protocol] Re: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP
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> > From: dk3cw@
> > Sent: Wednesday, May 15, 2013 3:15 PM
> > To: mailto:WINMOR%40yahoogroups.com ; mailto:Winlink_Programs_Group%40yahoogroups.com ; mailto:V4Protocol%40yahoogroups.com
> > Subject: [V4Protocol] RE: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP
> >
> >
> >
> > Rick,
> >
> > thanks for the improvements to the WINMOR protocol. Just tested with RMS DB0ZAV, who is still using version 1.4.7.3. Works fine!

> >
> >
> >
> > Is there an implementation of 32QAM into the V4 Soundcard TNC planned?
> >
> >
> >
> >
> > vy 73 de Jakob DK3CW
> >
> > EmComm liaison officer Frankfurt / Main
> > ARDF-unit Hessen
> > www.dk3cw.de
> >
> > When All Else Fails, Ham Radio Works
> >
> >
> >
> > -----UrsprÃ□Â¼ngliche Nachricht-----
> > Von: "Rick Muething" [rmuething@]
> > Gesendet: Mi. 15.05.2013 20:56
> > An: mailto:Winlink_Programs_Group%40yahoogroups.com, mailto:WINMOR%40yahoogroups.com, mailto:MARS_Winlink%40yahoogroups.com
> > Betreff: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP
> >
> >
> >
> >
> >
> > All,
> >
> > Doing continued refinement of the 32QAM mode. This version (which should be backward compatible with both the 1.4.7.3 and earlier versions) now supports 16QAM in place of 8PSK and 32QAM in place of 16PSK. This should provide improved robustness when connecting to a similar version. I am running this new version with additional logging on my RMS Trimode and would welcome test connections. To activate these higher speed modes (in either 2 carrier or 8 carrier channels) it is necessary to have some fairly large (say 5+ k) messages to insure it tries these higher speed modulations. You should enable the WINMOR TNC debug log (On the WINMOR TNC form Help, basic setup, check Enable WM TNC debug log, Update ini) as this will capture some internal measurements of how well the 16 or 32 QAM modes are working.
> >
> > For those that have asked (or for anyone who really cares!) QAM means Quadrature Amplitude Modulation where both the carrier amplitude and phase are changed (as opposed to PSK (Phase Shift Keying) where only the phase is modulated. This permits sending one extra bit (two amplitude levels) per symbol and this extra FEC bit is used to improve the robustness of these higher modulation modes. You will see this as rings of symbols (inner and outer rings). If the signals are very good you can make out the individual symbol clusters (16 for 16QAM, 32 for 32QAM) but most of the time they are so smeared (by propagation) that they look more like fuzzy concentric rings. The FEC bits help ?recover? these smeared symbols to yield good decoding.
> >
> > I have posted 1.4.7.5 on both the WINMOR Yahoo group and the Winlink WINMOR TNC FTP

ftp://autoupdate.winlink.org/WINMOR%20TNC/
> >
> > 73,
> >
> > Rick Muething, KN6KB
> >
> >
> >
> >
> >
> > -----UrsprÃ□Â¼ngliche Nachricht Ende-----
> >
> >
> >
> > ---
> >
> > Alle PostfÃ□Â¤cher an einem Ort. Jetzt wechseln und E-Mail-Adresse mitnehmen! Rundum glÃ□Â¼cklich mit freenetMail
> >
>

3291. Re: [V4Protocol] FW: Jon Lambdin

Yahoo group: V4Protocol
Date: 2013-06-17 05:08:16 UTC
From: Facility 406 DM09
Topic: 3288 Message: 3291

"Avast doesn't like the website."

Did you seriously click on a spyware/malware/virus link???

Kurt

3292. RE: [V4Protocol] Re: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

Yahoo group: V4Protocol
Date: 2013-06-17 15:58:29 UTC
From: Robin Hodgson
Topic: 3284 Message: 3292

Hi Finn,

I am very interested in your statement that you find that V4 Chat works well. My experiences over the last couple of years (and various versions of the software) is that it does not work reliably in an ARQ environment.
I have tried with various computers, interfaces and radios working with different powers/frequencies/distances/propagation conditions... the ARQ session can nearly always be established eventually. However, on the second turn around (regardless which station initiated the call) the session always times out. I once managed a QSO (2000km) which went to three turn arounds before timing-out, however we were using different versons of V4, so that could be the reason.
I spent a couple of weeks doing a detailed analysis when working locally (3 km path, 59+ signal on 20 meters) using the debug logs of both stations. In all cases the latency of both stations is between 40 - 70 mS and they use the same version of the software. My conclusion was that there is a timing issue in the software. I asked Rick for help, and he told me that it was essential to be totally familiar with the details of the program in order to understand the problem. He suggested I send a dump of the logs to him and he would look at them when he had some time. I have asked about progress, but I understand that V4 is very low on Rick's priorities list!
How have you configured your system so that you can demonstrate that it does work well?

73 Robin, 9H1ZZ

To: V4Protocol@yahoogroups.com
From: la7um@...
Date: Mon, 17 Jun 2013 01:47:39 +0000
Subject: [V4Protocol] Re: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

Rick. My issue at the time being is being asked to line up or advice NRRL related to a national digital addendum to a Voice ned. FSK modes seems the Winner.

1: I have been, and contine to promote Winlink, also in cooperation with Sweden and other Norwegians.

But for ONE to many: Call it NET CONTROL, I have by pure luck been informed about Voice of Americas ongoing weekend tests of digital text and picture using a 50 year old AM transmitter in North Carolina.

http://voaradiogram.net/

So downloading FLDIGI, FLMSG, FLAMP, MMSSTV, and EasyPal (DRM Based pictures) I have had a hard time learning new stuff. My signaLink does the job.

It has been my only opportunity trying that SW.

They introduced UTF8, (double characters tranferred for the special characters only as I understand it) amongst others choosable as well.

Since it is only 3 extra norwegian, swedish, and some german characters and most of the alphabet is standard ascii, it doesn't seem adding much overhead. Each of them has double charachters transferred.

Accents tested in Spanish and French. Working very well indeed.

Greek or Cyrillic alphabet might be another task.

Main learning has been that MFSK 16 is the mode banging through every type of noise and weak signals, about 350Hz, (within a 500Hz channel). This happens when voice is unreadable

They have tested every thinkable mode and speed Including Olivia and Thor and a lot of others. MFSK 16 beats them all.

(FM and local transmissions is another issue).

This off course is broadcast, but that is what we need when voice controll of a net does not get through, and can work on 30m where we cannot talk.

Perhaps HAMS on USB can use this.

SW works on Linux, MAC and PC, so everybody can participate.

Then run their WINLINK Mails as they like. RMS EX PC +NEWMACs/Parallel

AirMAil Linux/Wine and Older MACs/Parallel.

At the time being my recommendeation has been Pactor 2 Fec or arq in some time slots, V4Chat in other time slots, and Leader stations MUST be able running both but in different time slots.

Perhaps MFSK16 might be a better solution for coordinating networks having broader time slots using it all the time. The experience from VOA has been impressive.

Then nobody is excluded for getting directions.

In other main or standard time slots they ALL shall do Winlink mail in every free possible way.

FSK modulation stands out. Good for Aurora (or least bad).

This is very clear in WINMOR as well.

People get surprised when I get them (one by one) to try V4Chat, how well it works. But they miss the few 8bit characters.

UTF8 as recently solved in FLDIGI makes MFSK16 a joyful pleasure typing QSO or manual info between EU countries.

Not slick, but bunches of FEC and redundancy.

Well. Just some night thoughts before the RV tour.

73. Finn/LA7UM

3293. Re: [V4Protocol] FW: Jon Lambdin

Yahoo group: V4Protocol
Date: 2013-06-17 20:39:32 UTC
From: wb0kgn@...
Topic: 3288 Message: 3293

Should I have known? I clicked on it and AVAST dumped it immediately.

Dave

----- Original Message -----
From: "Facility 406 DM09" <facility_406@earthlink.net>
To: V4Protocol@yahoogroups.com
Sent: Monday, June 17, 2013 12:08:16 AM
Subject: Re: [V4Protocol] FW: Jon Lambdin

"Avast doesn't like the website."

Did you seriously click on a spyware/malware/virus link???

Kurt

3294. Re: [V4Protocol] FW: Jon Lambdin

Yahoo group: V4Protocol
Date: 2013-06-17 20:45:47 UTC
From: Stan Kozlowitz
Topic: 3288 Message: 3294

Yes. You should have known. Don't click on a link inside an email even from one of your contacts. Strange lettering, and an obvious phoney name for the sender.

Stan Kozlowitz AA5XO
WTARS Vice-president and
Keeper of the Email
Tennessee District 2 Emergency Coordinator
731-487-3359

ARRL, the national association for Amateur Radio™

From: "wb0kgn@..." <wb0kgn@...>
To: V4Protocol@yahoogroups.com
Sent: Monday, June 17, 2013 3:39 PM
Subject: Re: [V4Protocol] FW: Jon Lambdin

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Dave

From: "Facility 406 DM09" <facility_406@...>
To: V4Protocol@yahoogroups.com
Sent: Monday, June 17, 2013 12:08:16 AM
Subject: Re: [V4Protocol] FW: Jon Lambdin

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Did you seriously click on a spyware/malware/virus link???

Kurt

3295. Re: RE: [V4Protocol] Re: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

Yahoo group: V4Protocol
Date: 2013-06-17 21:16:49 UTC
From: RICK WESTERFIELD
Topic: 3284 Message: 3295

My experience with V4 has been completely different though I find it to be sensitive to RF in the shack. Once I put up a few more resonant dipole antennae, things got a lot more dependable. I can say the same about RMS Express - better antenna, better connections.

Rick KH2DF
AFA6RW MARS

Sent from Yahoo! Mail on Android

3296. Re: [V4Protocol] FW: Jon Lambdin

Yahoo group: V4Protocol
Date: 2013-06-17 21:49:56 UTC
From: wb0kgn@...
Topic: 3288 Message: 3296

Thanks Stan. I really hadn't given it any thought and I appreciate the comment.
Dave

----- Original Message -----
From: "Stan Kozlowitz" <aa5xo@rocketmail.com>
To: V4Protocol@yahoogroups.com
Sent: Monday, June 17, 2013 3:45:47 PM
Subject: Re: [V4Protocol] FW: Jon Lambdin

Yes. You should have known. Don't click on a link inside an email even from one of your contacts. Strange lettering, and an obvious phoney name for the sender.

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ARRL, the national association for Amateur Radio™

From: "wb0kgn@..." <wb0kgn@q.com>
To: V4Protocol@yahoogroups.com
Sent: Monday, June 17, 2013 3:39 PM
Subject: Re: [V4Protocol] FW: Jon Lambdin

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Dave

From: "Facility 406 DM09" <facility_406@...>
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Subject: Re: [V4Protocol] FW: Jon Lambdin

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Kurt

3297. [V4Protocol] Re: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

Yahoo group: V4Protocol
Date: 2013-06-18 21:06:56 UTC
From: la7um
Topic: 3284 Message: 3297

Robin. RFI is destructive. Balanced antenna, and less is more...

Else: Main error for timeouts is clients not moving what they type into tx-buffer, or messing too much within.

Let them hook for <CR or Double Space> as a means of moving data to transfer. The Double Space is genious for forcing text into TX buffer without changin line.

I removed the: Enable Full Duplex on FEC.
Did not understand that to work.

I use ARQ timeout (seconds) 180.

Do NOT use the first option Ctrl CR for moving letters into tx buffer.
It is a killer. The session is idling indefinitely when the operators does not know how and why it works.
It MAY be elegant since you can "post edit" back several lines since they are not ready for TX, but you waste link time.

I have had successful QSOs across the atlantic from Norway to Canada.

My gear: G5RV, IC706 original, SignaLink USB. Nothing special.

The MODE IS good. Is worth further polishing.
For pure broadcast MFSK16 may be better than V4Chat FEC, but you don't have any ARQ in MFSK16, and it would not be so "slick" or quick in turnovers.

When Skipping the CAT RIG control I can have RMS E/WINMOR, V4Chat and FLDIGI running in parallel. No portconflicts.
When getting a link or session I just shut down the other programs for freeing memory.

From Oslo to UK, Italy, Germany, Austria

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He was amazed when I talked him into what to do and we did the qso.

Just like old Amtor, only without errors......well errors whenever he used the three norwegian letter. It always comes two completely other pr each letter.

So ALL Europeens have "trouble", or must write like old AMTOR / RTTY limited characters/letters.

UTF8 is the EU Standard, and is highly wished. Ascii is "stone age".

73. Finn/LA7UM

--- In V4Protocol@yahoogroups.com, RICK WESTERFIELD <r_lwesterfield@...> wrote:
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>
> Sent from Yahoo! Mail on Android
>

3298. RE: [V4Protocol] Re: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

Yahoo group: V4Protocol
Date: 2013-06-18 23:47:47 UTC
From: Robin Hodgson
Topic: 3284 Message: 3298

Thanks for the hints, Finn.

My antennas are resonant (at transmit frequency) dipoles with baluns.
Antennas are situated 50 meters from the shack.
All audio cables have RF toroid suppressors.
So, I don't think I have RF interference.
The problem is once the ARQ session is established and after the first data exchange, both stations get locked in Rx mode (a disallowed state).
You cannot get data from the Tx buffer of either station then. No matter what code(s) for a data move you choose (I tried them all!).
After which you will get a session timeout (I also chose 180 seconds).
I (and my partners) are all using the same release of the software V4Chat 1.0.4.0 with SW TNC 1.0.2.0

I agree V4Chat should be a good mode (theoretically) but there must be a timing bug somewhere.
At least the problem is reproducible, so I am expecting the software author should be able to find it
with the session debug dumps I sent him last year.

73 Robin, 9H1ZZ

To: V4Protocol@yahoogroups.com
From: la7um@...
Date: Tue, 18 Jun 2013 21:06:56 +0000
Subject: [V4Protocol] Re: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

Robin. RFI is destructive. Balanced antenna, and less is more...

Else: Main error for timeouts is clients not moving what they type into tx-buffer, or messing too much within.

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UTF8 is the EU Standard, and is highly wished. Ascii is "stone age".

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> Rick KH2DF

> AFA6RW MARS

>

> Sent from Yahoo! Mail on Android

>

3299. Re: [V4Protocol] Re: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

Yahoo group: V4Protocol
Date: 2013-06-19 00:17:28 UTC
From: Rick Muething
Topic: 3284 Message: 3299

Robin,

I am the author but I have a lot on my plate. I just spent several months working on the WINMOR TNC (which I also authored) and the RMS Trimode server and just don't have enough hours in the day to put in any more right now.

There really shouldn't be any timing bugs if the latency measurements at each end are within spec. But analyzing the timing takes the following.

The V4TNC Debug logs must be enabled at each end...not just one end. A clean capture of the session needs to be made. And then I would need probably 3 –4 days of detailed analysis to get a handle on IF there is a problem and what it might be. Time Right now I don't have. There is a lot of effort that has to go into develping a protocol and coding it. For example the WINMOR protocol probably has close to 3 man-years effort at this time. V4 maybe half of that (some of WINMOR is included in V4).

I wish I had more time on this stuff but I don't.

73,

Rick Muething, KN6KB

From: Robin Hodgson
Sent: Tuesday, June 18, 2013 7:47 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

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At least the problem is reproducible, so I am expecting the software author should be able to find it

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To: V4Protocol@yahoogroups.com
From: la7um@...
Date: Tue, 18 Jun 2013 21:06:56 +0000
Subject: [V4Protocol] Re: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

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3300. RE: [V4Protocol] Re: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

Yahoo group: V4Protocol
Date: 2013-06-19 11:52:21 UTC
From: Robin Hodgson
Topic: 3284 Message: 3300

Hi Rick,

I do appreciate your situation, and the priority you give to supporting other software.

When I tried V4, I did everything as you suggested and recorded the session using the Debug logs at both stations.
The stations' clocks had to be sychronised to within 1 second (or better) in order to see exactly what was happening
when comparing the logs. I then spent about two weeks examining the logs, but without the fine details of your software
design and specifications, it proved impossible to discover how the process got locked up, and even worse,
why there was no apparent recovery path except by session time out.
While being prepared to assist in any way I can, I am a system designer and not a computer programmer,
so have to leave it to you.
I do follow activities on the V4 Protocol reflector, and was pleased to see now that some users have had success
working with this mode. This led me to wonder how they implemented V4... possibly a different version is now available?

Vy 73 de Robin, 9H1ZZ

To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Tue, 18 Jun 2013 20:17:28 -0400
Subject: Re: [V4Protocol] Re: [WINMOR] Test version 1.4.7.5 of WINMOR TNC posted on Yahoo and Winlink User FTP

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Date: Tue, 18 Jun
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The MODE IS good. Is worth further polishing.
For
pure broadcast MFSK16 may be better than V4Chat FEC, but you don't have any ARQ
in MFSK16, and it would not be so "slick" or quick in turnovers.

When
Skipping the CAT RIG control I can have RMS E/WINMOR, V4Chat and FLDIGI running
in parallel. No portconflicts.
When getting a link or session I just shut
down the other programs for freeing memory.

From Oslo to UK, Italy,
Germany, Austria

From Oslo 60 deg north to Finmark top of Norway 70 deg
north. And to Finland.

Locally 6 km in noisy 80m surroundings.

The
last one was across Norway to Bergen to a retired Military HF guy having been
through it all from RTTY to AMTOR, and Pactor 2 and 3.

He was amazed when
I talked him into what to do and we did the qso.

Just like old Amtor,
only without errors......well errors whenever he used the three norwegian
letter. It always comes two completely other pr each letter.

So ALL
Europeens have "trouble", or must write like old AMTOR / RTTY limited
characters/letters.

UTF8 is the EU Standard, and is highly wished. Ascii
is "stone age".

73. Finn/LA7UM

--- In mailto:V4Protocol%40yahoogroups.com,
RICK WESTERFIELD <r_lwesterfield@...> wrote:
>
> My experience
with V4 has been completely different though I find it to be sensitive to RF in
the shack. Once I put up a few more resonant dipole antennae, things got a lot
more dependable. I can say the same about RMS Express - better antenna,
better connections.
>
> Rick KH2DF
> AFA6RW MARS
>

> Sent from Yahoo! Mail on Android
>

3301. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2013-07-10 18:34:27 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 3301

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /Chat Full Install 0.1.0.1.zip
Uploaded by : kn6kb <rmuething@...>
Description : Full Install for new Chat and HAM4 Keyboard Protocol

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/Chat%20Full%20Install%200.1.0.1.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

3302. New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yahoo group: V4Protocol
Date: 2013-07-10 18:37:25 UTC
From: kn6kb
Topic: 3302 Message: 3302

Initial Alpha release of Chat 0.1.0.1
Chat and its' companion virtual TNC H4FSK TNC are designed for keyboard operation over HF. This is alpha code .not well tested or documented yet but appears to be functional. If you are not an experimenter or get frustrated debugging software please wait a few weeks at least until the basic bugs have been worked out.
Chat and the H4FSK TNC are an outgrowth of the V4 Chat and V4 Protocol released in 2010. I hope this (after initial debugging) will eliminate some of the limitations of V4 and prove to be a reliable keyboard FEC and ARQ mode. Here are the basic features and goals of the program and the Protocol:
The protocol is called HAM4 short for HAMming Encoded 4 FSK. It uses the same modulation type as V4 (4FSK @ 46.875 baud) and the same bandwidth (200 Hz at -26 dB. However there are several changes that should make the HAM4 Protocol better especially for keyboard operations.
1) Lower latency. The HAM4 FEC is included in each character (currently using a Hamming 11, 4 code shortened to 8,4 with a minimum distance of 3). A character consists of 6 4FSK symbols (12 bits) of which 8 are user or code bits. A character time is 128 ms. This translates to a very small latency in the range of 300 ms (the delay from sending the text from the keyboard until it prints to the remote stations screen). This is even lower than modes like PSK-31.
2) Strong FEC. The shortened 8,4 code is soft decoded using a lookup table mechanism that computes the distance to the "closest" character. This gives approximately 2 dB additional coding gain (equivalent of increasing the power by about 60%). The soft decoding also allows plotting the received signal quality as each character is received. The soft block encoding on a character by character basis reduces sensitivity to burst errors.
3) Full support for ASCII(7bit), extended ASCII(Latin-1), and UTF-8 (Unicode) character sets. This allows full support for most common languages and symbols.
4) Fast and continuous tuning and sync tracking. The sync character (also 128 ms) is sent every 1.024 seconds. This non printing character allows fast and accurate DSP tuning to about .5 Hz accuracy and tracking of drifting or off frequency signals. Loss of sync can usually be recovered in 1 to 2 seconds.
5) Good FEC and ARQ (Future) throughput. Nominal FEC throughput is approximately 6.8 eight bit characters per second or 68 words per minute.
6) Future full binary ARQ capability with approximately 250 bytes/minute ARQ rate.
If you are familiar with V4 Chat and the V4 protocol this should be easy to pick up. There is basic help but it needs refinement and expansion. Your feedback and comments are appreciated. Good luck and enjoy.
Rick Muething, KN6KB rmuething@... KN6KB@...

3303. RE: [V4Protocol] New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yahoo group: V4Protocol
Date: 2013-07-10 21:38:54 UTC
From: dk3cw@...
Topic: 3302 Message: 3303

Thanks for improving the V4-Chat protocol, Rick.
I've forwarded the new file to some EmComm and digital modes interested hams in Germany. As we did before, when V4Chat was released, we'll test and compare the new protocol with the old on. Expect some Bug reports and suggestion for improvements soon.

vy 73 de Jakob DK3CW

EmComm liaison officer Frankfurt / Main
www.dk3cw.de

When All Else Fails, Ham Radio Works

-----Ursprüngliche Nachricht-----
Von: "kn6kb" [rmuething@cfl.rr.com]
Gesendet: Mi. 10.07.2013 20:37
An: V4Protocol@yahoogroups.com
Betreff: [V4Protocol] New experimental mode HAM4 and Chat host program for robust keyboard mode..

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Rick Muething, KN6KB rmuething@cfl.rr.com KN6KB@winlink.org

-----Ursprüngliche Nachricht Ende-----

Alle Postfächer an einem Ort. Jetzt wechseln und E-Mail-Adresse mitnehmen! Rundum glücklich mit freenetMail

3304. Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yahoo group: V4Protocol
Date: 2013-07-11 05:15:58 UTC
From: Juhani
Topic: 3302 Message: 3304

Tnx Rick!

I have forwarded info to Finnish EmComm ("TURVA") members & others on HF digi modes in OH.
I will load chat protocol soon and ready for beta testing
73 "Yussi" OH7TE

--- In V4Protocol@yahoogroups.com, dk3cw@... wrote:
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> When All Else Fails, Ham Radio Works
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> Von: "kn6kb" [rmuething@...]
> Gesendet: Mi. 10.07.2013 20:37
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] New experimental mode HAM4 and Chat host program for robust keyboard mode..
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3305. HAM 4 QRV on 7040

Yahoo group: V4Protocol
Date: 2013-07-11 05:58:21 UTC
From: Juhani
Topic: 3305 Message: 3305

I can be QRV on 20m too if any will test this experimental chat system. 73 "Yussi" OH7TE.

3306. Re : [V4Protocol] HAM 4 QRV on 7040

Yahoo group: V4Protocol
Date: 2013-07-11 07:41:52 UTC
From: Christian F1AFZ
Topic: 3305 Message: 3306

hello Yussi...frequency ?

73's Christian F1AFZ
http://www.f1afz.fr
F1AFZ sur Twitter : http://twitter.com/f1afz

-----E-mail d'origine-----
De : Juhani <yufenau@...>
A: V4Protocol <V4Protocol@...m>
Envoyé le : Je, 11 Jul 2013 7:58
Sujet : [V4Protocol] HAM 4 QRV on 7040

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3307. RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yahoo group: V4Protocol
Date: 2013-07-11 12:06:17 UTC
From: Rick Muething
Topic: 3302 Message: 3307
Attachments: 2 described; binary payloads are missing from this source WARC

Yussi, All,

I think there is a major bug when I built the last Chat and H4FSK TNC run…I will try and look at it today and tomorrow.

Rick

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Juhani
Sent: Thursday, July 11, 2013 1:16 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

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3308. Re: Re : [V4Protocol] HAM 4 QRV on 7040

Yahoo group: V4Protocol
Date: 2013-07-11 14:47:12 UTC
From: Yussuf
Topic: 3305 Message: 3308

Hello Cristian, I will be QRV 14.073 15 UTC >> , first dogwalk by "Inez" hi

--
73 OH7TE Yussuf
*** JAWA dvoudobý - Česká mechanická muzika! ***

3309. RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yahoo group: V4Protocol
Date: 2013-07-11 15:10:21 UTC
From: ric5
Topic: 3302 Message: 3309

Is to my understanding the H4 ARQ does not work? You can only run FEC FD mode only? Because that’s the only mode I can grt to work in this new release? If I try to call CQ or put in a call into H4 ARQ It’s just sets there and does nothing?

QRV Rick Kd4jrx FM14ab

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Thursday, July 11, 2013 8:06 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yussi, All,

I think there is a major bug when I built the last Chat and H4FSK TNC run…I will try and look at it today and tomorrow.

Rick

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Juhani
Sent: Thursday, July 11, 2013 1:16 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

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I will load chat protocol soon and ready for beta testing
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3310. HAM4 / H4FEC QRG 14073

Yahoo group: V4Protocol
Date: 2013-07-11 15:15:11 UTC
From: Juhani
Topic: 3310 Message: 3310

Calling CQ for any possible caals. 73 Yussi OH7TE

3311. Re: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yahoo group: V4Protocol
Date: 2013-07-11 15:18:36 UTC
From: Ron Wenig
Topic: 3302 Message: 3311

Hi Rick,

I heard your CW id and saw a couple of CQ's but no call sign. I did send text out in FEC mode. Rick said there was a bug so maybe it's not quite working yet.

Ron ny3j

On 7/11/2013 11:10 AM, ric5 wrote:
>
> *Is to my understanding the H4 ARQ does not work? You can only run
> FEC FD mode only? Because that’s the only mode I can grt to work in
> this new release? If I try to call CQ or put in a call into H4 ARQ
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> *From:*V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
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> *Sent:* Thursday, July 11, 2013 8:06 AM
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> > 2) Strong FEC. The shortened 8,4 code is soft decoded using a lookup

> table mechanism that computes the distance to the "closest" character.
> This gives approximately 2 dB additional coding gain (equivalent of
> increasing the power by about 60%). The soft decoding also allows
> plotting the received signal quality as each character is received.
> The soft block encoding on a character by character basis reduces
> sensitivity to burst errors.
> > 3) Full support for ASCII(7bit), extended ASCII(Latin-1), and UTF-8
> (Unicode) character sets. This allows full support for most common
> languages and symbols.
> > 4) Fast and continuous tuning and sync tracking. The sync character
> (also 128 ms) is sent every 1.024 seconds. This non printing character
> allows fast and accurate DSP tuning to about .5 Hz accuracy and
> tracking of drifting or off frequency signals. Loss of sync can
> usually be recovered in 1 to 2 seconds.
> > 5) Good FEC and ARQ (Future) throughput. Nominal FEC throughput is
> approximately 6.8 eight bit characters per second or 68 words per minute.
> > 6) Future full binary ARQ capability with approximately 250
> bytes/minute ARQ rate.
> > If you are familiar with V4 Chat and the V4 protocol this should be
> easy to pick up. There is basic help but it needs refinement and
> expansion. Your feedback and comments are appreciated. Good luck and
> enjoy.
> > Rick Muething, KN6KB rmuething@... KN6KB@...
> >
> >
> > -----UrsprÃ¼ngliche Nachricht Ende-----
> >
> >
> > ---
> > Alle PostfÃ¤cher an einem Ort. Jetzt wechseln und E-Mail-Adresse
> mitnehmen! Rundum glÃ¼cklich mit freenetMail
> >
>
>

3312. RE: [V4Protocol] HAM4 / H4FEC QRG 14073

Yahoo group: V4Protocol
Date: 2013-07-11 15:18:49 UTC
From: ric5
Topic: 3310 Message: 3312

Are you calling in FEC FD ?

Rick Kd4jrx FM14ab

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Juhani
Sent: Thursday, July 11, 2013 11:15 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] HAM4 / H4FEC QRG 14073

Calling CQ for any possible caals. 73 Yussi OH7TE

3313. RE: [V4Protocol] HAM4 / H4FEC QRG 14073

Yahoo group: V4Protocol
Date: 2013-07-11 15:21:44 UTC
From: Eugene Morgan
Topic: 3310 Message: 3313

Hi Yussi,

Saw your previous email - I have been calling CQ/H4FSKFEC on 14073KHz also since 1500 UTC - I do not hear you

Eugene / G4AIU

IO80jx

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Juhani
Sent: 11 July 2013 16:15
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] HAM4 / H4FEC QRG 14073

Calling CQ for any possible caals. 73 Yussi OH7TE

3314. Re: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yahoo group: V4Protocol
Date: 2013-07-11 15:23:45 UTC
From: Ron Wenig
Topic: 3302 Message: 3314

Rick,

It's getting a little better. I can copy more of your CQ. I guess
you're not copying my reply.

*~%°•ýCCQ CQ CCQ CQ CCQ CQ CCQ CQ C4JRX KDQ DE KDCQ CQ CQ DE KD4JRX
KD4JRX FM14 CQ CQ CQ DE KD4JRX KD4JRX FM14ab k

Ron ny3j

On 7/11/2013 11:18 AM, Ron Wenig wrote:
>
> Hi Rick,
>
> I heard your CW id and saw a couple of CQ's but no call sign. I did
> send text out in FEC mode. Rick said there was a bug so maybe it's
> not quite working yet.
>
> Ron ny3j
>
> On 7/11/2013 11:10 AM, ric5 wrote:
>>
>> *Is to my understanding the H4 ARQ does not work? You can only run
>> FEC FD mode only? Because that’s the only mode I can grt to work in
>> this new release? If I try to call CQ or put in a call into H4 ARQ
>> It’s just sets there and does nothing?*
>>
>> *QRV Rick Kd4jrx FM14ab*
>>
>> *From:*V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
>> *On Behalf Of *Rick Muething
>> *Sent:* Thursday, July 11, 2013 8:06 AM
>> *To:* V4Protocol@yahoogroups.com
>> *Subject:* RE: [V4Protocol] Re: New experimental mode HAM4 and Chat
>> host program for robust keyboard mode..
>>
>> Yussi, All,
>>
>> I think there is a major bug when I built the last Chat and H4FSK TNC
>> run…I will try and look at it today and tomorrow.
>>
>> Rick
>>
>> *From:*V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>

>> [mailto:V4Protocol@yahoogroups.com] *On Behalf Of *Juhani
>> *Sent:* Thursday, July 11, 2013 1:16 AM
>> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>> *Subject:* [V4Protocol] Re: New experimental mode HAM4 and Chat host
>> program for robust keyboard mode..
>>
>>
>> Tnx Rick!
>>
>> I have forwarded info to Finnish EmComm ("TURVA") members & others on
>> HF digi modes in OH.
>> I will load chat protocol soon and ready for beta testing
>> 73 "Yussi" OH7TE
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>> > I've forwarded the new file to some EmComm and digital modes
>> interested hams in Germany. As we did before, when V4Chat was
>> released, we'll test and compare the new protocol with the old on.
>> Expect some Bug reports and suggestion for improvements soon.
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>> > vy 73 de Jakob DK3CW
>> >
>> > EmComm liaison officer Frankfurt / Main
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>> >
>> > When All Else Fails, Ham Radio Works
>> > Â
>> > -----UrsprÃ¼ngliche Nachricht-----
>> > Von: "kn6kb" [rmuething@...]
>> > Gesendet: Mi. 10.07.2013 20:37
>> > An: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
>> > Betreff: [V4Protocol] New experimental mode HAM4 and Chat host
>> program for robust keyboard mode..
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>> weeks at least until the basic bugs have been worked out.
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>> (currently using a Hamming 11, 4 code shortened to 8,4 with a minimum
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>>
>
>

3315. RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yahoo group: V4Protocol
Date: 2013-07-11 15:24:35 UTC
From: ric5
Topic: 3302 Message: 3315

Yes I heard your signal , but it’s all random numbers letters ect. I’m going to swatch back to the old program and put out a call.

Rick Kd4jrx FM14ab

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ron Wenig
Sent: Thursday, July 11, 2013 11:19 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Hi Rick,

I heard your CW id and saw a couple of CQ's but no call sign. I did send text out in FEC mode. Rick said there was a bug so maybe it's not quite working yet.

Ron ny3j

On 7/11/2013 11:10 AM, ric5 wrote:

Is to my understanding the H4 ARQ does not work? You can only run FEC FD mode only? Because that’s the only mode I can grt to work in this new release? If I try to call CQ or put in a call into H4 ARQ It’s just sets there and does nothing?

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From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Thursday, July 11, 2013 8:06 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yussi, All,

I think there is a major bug when I built the last Chat and H4FSK TNC run…I will try and look at it today and tomorrow.

Rick

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Juhani
Sent: Thursday, July 11, 2013 1:16 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Tnx Rick!

I have forwarded info to Finnish EmComm ("TURVA") members & others on HF digi modes in OH.
I will load chat protocol soon and ready for beta testing
73 "Yussi" OH7TE

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3316. RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yahoo group: V4Protocol
Date: 2013-07-11 15:25:11 UTC
From: Rick Muething
Topic: 3302 Message: 3316
Attachments: 2 described; binary payloads are missing from this source WARC

Rick,

I think there is a sever bug in the H4FSK TNC that I uncovered last night…I may not be able to get to it today.

When all else fails ….read the help! Even though the Chat and H4FSK TNC help is currently "skinny" it clearly states that the ARQ mode is not implemented yet. I want to get the bugs flushed out of the basic protocol first before adding ARQ (just as I did in V4). FEC and FEC FD are the same it is just if you truly want to run Full duplex you have to have a receiver that is receiving WHILE you are transmitting otherwise even though the sound card is sampling while you are transmitting it is not going to receive any audio….Full duplex is not practical on HF unless cross banding. Can be done on VHF/UHF with the right equipment.

I think the bug is something I introduced into the sync logic …pretty serious…but fixable ….just a matter of time, skill and programming as we say!

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of ric5
Sent: Thursday, July 11, 2013 11:10 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Is to my understanding the H4 ARQ does not work? You can only run FEC FD mode only? Because that's the only mode I can grt to work in this new release? If I try to call CQ or put in a call into H4 ARQ It's just sets there and does nothing?

QRV Rick Kd4jrx FM14ab

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Sent: Thursday, July 11, 2013 1:16 AM
To: V4Protocol@yahoogroups.com
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3317. RE: [V4Protocol] HAM4 / H4FEC QRG 14073

Yahoo group: V4Protocol
Date: 2013-07-11 15:26:22 UTC
From: Yussuf
Topic: 3310 Message: 3317

Ok Eugene...maybe poor condx. Anyway, I´m QRV 14073 and calling sometimes
CQ.
GL!

--
73 OH7TE Yussuf
*** JAWA dvoudobý - Česká mechanická muzika! ***

3318. RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yahoo group: V4Protocol
Date: 2013-07-11 15:30:33 UTC
From: ric5
Topic: 3302 Message: 3318

Ok thanks for all you doing. In time you will get it all worked out I'm sure.

Time being the key word I'm sure J

73 Rick Kd4jrx

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Thursday, July 11, 2013 11:25 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Rick,

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3319. RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yahoo group: V4Protocol
Date: 2013-07-11 15:33:33 UTC
From: ric5
Topic: 3302 Message: 3319

No I’m not , let me ask a question ? In the setup, under character set what should I be using?

Rick Kd4jrx

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ron Wenig
Sent: Thursday, July 11, 2013 11:24 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Rick,

It's getting a little better. I can copy more of your CQ. I guess you're not copying my reply.

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From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Thursday, July 11, 2013 8:06 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

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Sent: Thursday, July 11, 2013 1:16 AM
To: V4Protocol@yahoogroups.com
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> When All Else Fails, Ham Radio Works
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> Von: "kn6kb" [rmuething@...]
> Gesendet: Mi. 10.07.2013 20:37
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3320. Re: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yahoo group: V4Protocol
Date: 2013-07-11 15:38:36 UTC
From: Ron Wenig
Topic: 3302 Message: 3320

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Ron ny3j

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> *Sent:* Thursday, July 11, 2013 11:24 AM
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3321. Re: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yahoo group: V4Protocol
Date: 2013-07-11 15:56:19 UTC
From: Ron Wenig
Topic: 3302 Message: 3321

Rick,

Thanks for the QSO with the old V4Chat. It seems strange calling it the old program since it is not that old :-)

I didn't hear anyone else on the frequency so I guess the band isn't open yet for DX. The new chat program sounds exciting and I can't wait to give it a try. Good work on Rick's part and a pleasant surprise to get the news on the new program.

73, Ron ny3j

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3322. RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yahoo group: V4Protocol
Date: 2013-07-11 16:07:11 UTC
From: ric5
Topic: 3302 Message: 3322

Ron,

Nice QSO on V4 chat enjoyed that a lot. Yes you right the V4 software by no means Is old . Should I say the earlier version how's that. Yes Rick is doing a wonderful job. I don't see how he does it all myself. My hats off to his hard work !

Yes hope to work you again soon, and If you like before the summer E SKIP season is gone I would like to wk you ,or someone on V4 Chat on the 6 meter band.

We will keep our eyes out for any updates on the H4 ARQ debugging and hope to wk you on it down the waterfall…..

73 Rick Kd4jrx FM14ab

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ron Wenig
Sent: Thursday, July 11, 2013 11:56 AM
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> Thanks for improving the V4-Chat protocol, Rick.
> I've forwarded the new file to some EmComm and digital modes interested hams in Germany. As we did before, when V4Chat was released, we'll test and compare the new protocol with the old on. Expect some Bug reports and suggestion for improvements soon.
>
> vy 73 de Jakob DK3CW
>
> EmComm liaison officer Frankfurt / Main
> www.dk3cw.de
>
> When All Else Fails, Ham Radio Works
> Â
> -----UrsprÃ¼ngliche Nachricht-----
> Von: "kn6kb" [rmuething@...]
> Gesendet: Mi. 10.07.2013 20:37
> An: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
> Betreff: [V4Protocol] New experimental mode HAM4 and Chat host program for robust keyboard mode..
>
> Â Initial Alpha release of Chat 0.1.0.1
> Chat and its' companion virtual TNC H4FSK TNC are designed for keyboard operation over HF. This is alpha code â€¦.not well tested or documented yet but appears to be functional. If you are not an experimenter or get frustrated debugging software please wait a few weeks at least until the basic bugs have been worked out.
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> 1) Lower latency. The HAM4 FEC is included in each character (currently using a Hamming 11, 4 code shortened to 8,4 with a minimum distance of 3). A character consists of 6 4FSK symbols (12 bits) of which 8 are user or code bits. A character time is 128 ms. This translates to a very small latency in the range of 300 ms (the delay from sending the text from the keyboard until it prints to the remote stations screen). This is even lower than modes like PSK-31.
> 2) Strong FEC. The shortened 8,4 code is soft decoded using a lookup table mechanism that computes the distance to the "closest" character. This gives approximately 2 dB additional coding gain (equivalent of increasing the power by about 60%). The soft decoding also allows plotting the received signal quality as each character is received. The soft block encoding on a character by character basis reduces sensitivity to burst errors.
> 3) Full support for ASCII(7bit), extended ASCII(Latin-1), and UTF-8 (Unicode) character sets. This allows full support for most common languages and symbols.
> 4) Fast and continuous tuning and sync tracking. The sync character (also 128 ms) is sent every 1.024 seconds. This non printing character allows fast and accurate DSP tuning to about .5 Hz accuracy and tracking of drifting or off frequency signals. Loss of sync can usually be recovered in 1 to 2 seconds.
> 5) Good FEC and ARQ (Future) throughput. Nominal FEC throughput is approximately 6.8 eight bit characters per second or 68 words per minute.

> 6) Future full binary ARQ capability with approximately 250 bytes/minute ARQ rate.
> If you are familiar with V4 Chat and the V4 protocol this should be easy to pick up. There is basic help but it needs refinement and expansion. Your feedback and comments are appreciated. Good luck and enjoy.
> Rick Muething, KN6KB rmuething@... KN6KB@...
>
>
> -----UrsprÃ¼ngliche Nachricht Ende-----
>
>
> ---
> Alle PostfÃ¤cher an einem Ort. Jetzt wechseln und E-Mail-Adresse mitnehmen! Rundum glÃ¼cklich mit freenetMail
>

3323. RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yahoo group: V4Protocol
Date: 2013-07-11 16:08:42 UTC
From: Rick Muething
Topic: 3302 Message: 3323
Attachments: 2 described; binary payloads are missing from this source WARC

Re Chat and the new H4FSK TNC:

If you use the default character set of ASCII(Latin-1) it will work for everything except the multi byte characters of UTF-8. ASCII(7bit) is a sub set (the first 128 characters) of ASCI(Latin-1) but will also work for any all English messages.

There is a bug in the sync algorithm I will have to hunt down.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of ric5
Sent: Thursday, July 11, 2013 11:34 AM
To: V4Protocol@...m
Subject: RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

No I’m not , let me ask a question ? In the setup, under character set what should I be using?

Rick Kd4jrx

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ron Wenig
Sent: Thursday, July 11, 2013 11:24 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Rick,

It's getting a little better. I can copy more of your CQ. I guess you're not copying my reply.

★~‰°•ýCCQ CQ CCQ CQ CCQ CQ CCQ CQ C4JRX KDQ DE KDCQ CQ CQ DE KD4JRX KD4JRX FM14 CQ CQ CQ DE KD4JRX KD4JRX FM14ab k

---

Ron ny3j

On 7/11/2013 11:18 AM, Ron Wenig wrote:

Hi Rick,

I heard your CW id and saw a couple of CQ's but no call sign. I did send text out in FEC mode. Rick said there was a bug so maybe it's not quite working yet.

Ron ny3j

On 7/11/2013 11:10 AM, ric5 wrote:

Is to my understanding the H4 ARQ does not work? You can only run FEC FD mode only? Because that’s the only mode I can grt to work in this new release? If I try to call CQ or put in a call into H4 ARQ It’s just sets there and does nothing?

QRV Rick Kd4jrx FM14ab

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Thursday, July 11, 2013 8:06 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yussi, All,

I think there is a major bug when I built the last Chat and H4FSK TNC run…I will try and look at it today and tomorrow.

Rick

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Juhani
Sent: Thursday, July 11, 2013 1:16 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Tnx Rick!

I have forwarded info to Finnish EmComm ("TURVA") members & others on HF digi modes in OH.
I will load chat protocol soon and ready for beta testing
73 "Yussi" OH7TE

--- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> , dk3cw@... wrote:
>
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> vy 73 de Jakob DK3CW
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> www.dk3cw.de
>
> When All Else Fails, Ham Radio Works
> Â
> -----UrsprÃ¼ngliche Nachricht-----
> Von: "kn6kb" [rmuething@...]
> Gesendet: Mi. 10.07.2013 20:37

> An: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
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> Chat and its' companion virtual TNC H4FSK TNC are designed for keyboard operation over HF. This is alpha code â€¦.not well tested or documented yet but appears to be functional. If you are not an experimenter or get frustrated debugging software please wait a few weeks at least until the basic bugs have been worked out.
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> 2) Strong FEC. The shortened 8,4 code is soft decoded using a lookup table mechanism that computes the distance to the "closest" character. This gives approximately 2 dB additional coding gain (equivalent of increasing the power by about 60%). The soft decoding also allows plotting the received signal quality as each character is received. The soft block encoding on a character by character basis reduces sensitivity to burst errors.
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> 4) Fast and continuous tuning and sync tracking. The sync character (also 128 ms) is sent every 1.024 seconds. This non printing character allows fast and accurate DSP tuning to about .5 Hz accuracy and tracking of drifting or off frequency signals. Loss of sync can usually be recovered in 1 to 2 seconds.
> 5) Good FEC and ARQ (Future) throughput. Nominal FEC throughput is approximately 6.8 eight bit characters per second or 68 words per minute.
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> If you are familiar with V4 Chat and the V4 protocol this should be easy to pick up. There is basic help but it needs refinement and expansion. Your feedback and comments are appreciated. Good luck and enjoy.
> Rick Muething, KN6KB rmuething@... KN6KB@...
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> -----UrsprÃ¼ngliche Nachricht Ende-----
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>
> ---
> Alle PostfÃ¤cher an einem Ort. Jetzt wechseln und E-Mail-Adresse mitnehmen! Rundum glÃ¼cklich mit freenetMail
>

3324. Re: [V4Protocol] HAM 4 QRV on 7040

Yahoo group: V4Protocol
Date: 2013-07-11 16:33:32 UTC
From: Don Poaps
Topic: 3305 Message: 3324

PSK parked right at 1500 on waterfall. I've got radio monitoring

Don va7dgp

On Thursday, July 11, 2013, Yussuf wrote:

> **
>
>
> Hello Cristian, I will be QRV 14.073 15 UTC >> , first dogwalk by "Inez" hi
>
> --
> 73 OH7TE Yussuf
> *** JAWA dvoudobý - Česká mechanická muzika! ***
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3325. Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..

Yahoo group: V4Protocol
Date: 2013-07-12 14:22:37 UTC
From: oh5rm
Topic: 3302 Message: 3325

Hello,

Have been testing with oh7te on 80m but only managed to copy some random parts of words. The capture window stays at TUNE even with good signal unless I turn squelch to 1..2 but then copy garbage letters.
What is the normal function of capture window and what is TUNE for?

73 Jouko OH5RM

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> Re Chat and the new H4FSK TNC:
>
>
>
> If you use the default character set of ASCII(Latin-1) it will work for everything except the multi byte characters of UTF-8. ASCII(7bit) is a sub set (the first 128 characters) of ASCI(Latin-1) but will also work for any all English messages.
>
>
>
> There is a bug in the sync algorithm I will have to hunt down.
>
>
> Rick KN6KB
>
>
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of ric5
> Sent: Thursday, July 11, 2013 11:34 AM
> To: V4Protocol@yahoogroups.com
> Subject: RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..
>
>
>
>
>
> No Iâ□□m not , let me ask a question ? In the setup, under character set what should I be using?
>
> Rick Kd4jrx
>

>
>
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> Sent: Thursday, July 11, 2013 11:24 AM
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> Subject: Re: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..
>
>
>
>
>
> Rick,
>
> It's getting a little better. I can copy more of your CQ. I guess you're not copying my reply.
>
> *~â□°Â°â□¢Ã½CCQ CQ CCQ CQ CCQ CQ CCQ CQ C4JRX KDQ DE KDCQ CQ CQ DE KD4JRX KD4JRX FM14 CQ CQ CQ DE KD4JRX KD4JRX FM14ab k
>
> _____
>
>
>
> Ron ny3j
>
> On 7/11/2013 11:18 AM, Ron Wenig wrote:
>
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> Hi Rick,
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> I heard your CW id and saw a couple of CQ's but no call sign. I did send text out in FEC mode. Rick said there was a bug so maybe it's not quite working yet.
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> QRV Rick Kd4jrx FM14ab
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> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
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> To: V4Protocol@yahoogroups.com
> Subject: RE: [V4Protocol] Re: New experimental mode HAM4 and Chat host program for robust keyboard mode..
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> Yussi, All,
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>
> I think there is a major bug when I built the last Chat and H4FSK TNC runâ□¦I will try and look at it today and tomorrow.
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> I have forwarded info to Finnish EmComm ("TURVA") members & others on HF digi modes in OH.
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> > When All Else Fails, Ham Radio Works

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> > Von: "kn6kb" [rmuething@]
> > Gesendet: Mi. 10.07.2013 20:37
> > An: V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com>
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> > Rick Muething, KN6KB rmuething@ KN6KB@
> >
> >
> > -----UrsprÃ□Â¼ngliche Nachricht Ende-----
> >
> >
> > ---
> > Alle PostfÃ□Â¤cher an einem Ort. Jetzt wechseln und E-Mail-Adresse mitnehmen! Rundum glÃ□Â¼cklich mit freenetMail
> >
>

3326. N5BZA QRV on 7040 with HAM4

Yahoo group: V4Protocol
Date: 2013-07-12 16:24:18 UTC
From: orville.cypret@bellsouth.net
Topic: 3326 Message: 3326

I'll be QRV on 7040 with HAM4 for about half an hour.

Orville
N5BZA

3327. panamasteve

Yahoo group: V4Protocol
Date: 2013-07-20 20:51:55 UTC
From: Steve Michaels
Topic: 3327 Message: 3327

http://matu.com.mx/zlrkxnoh/nvbt.famwkwavls

3328. Set up and operation

Yahoo group: V4Protocol
Date: 2013-08-18 18:45:19 UTC
From: Okiguy
Topic: 3328 Message: 3328

I'm a newbie, however have been doing WSJT-X, JT9 and some attempts at meteor scatter recently. When I set up V4Chat, it halted with an error that it could not find the V4CHATSETUP.MSI file. The unzipped files did include V4CHATSE.MSI, so I renamed it V4CHATSETUP.MSI and reran the setup and it worked fine. Still sorting out parameters but it does show the waterfall and seems to transmit a CQ.

Next question, after reading the word doc and the power point, I don't see any expected frequencies for operation. Are there suggested frequencies that folks are using?

Thanks in advance.

Bill, W4WNT

3329. AW: [V4Protocol] Set up and operation

Yahoo group: V4Protocol
Date: 2013-08-18 19:28:01 UTC
From: siegfried jackstien
Topic: 3328 Message: 3329

28073

24973

21073

10131

14073

18073

7045

....

These are the frequencies that I know

Fill that in in the left side of the chat window (in the khz row) ...

When you have set your cat (if you have a rig with cat available) to the
correct settings it should be possible to change frequencies with clicking
on the list

But for first tests that is not needed

Sure you also found out how to set ptt?!?

In the settings window you also can control the "drive" level of the soft
(how much power is sent)

Here I have set that to 75 percent ... and control the rest from the windows
mixer (try out what works best for you)

73

Dg9bfc

sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Okiguy
> Gesendet: Sonntag, 18. August 2013 18:45
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Set up and operation
>
>
>

> I'm a newbie, however have been doing WSJT-X, JT9 and some attempts at
> meteor scatter recently. When I set up V4Chat, it halted with an error
> that it could not find the V4CHATSETUP.MSI file. The unzipped files did
> include V4CHATSE.MSI, so I renamed it V4CHATSETUP.MSI and reran the setup
> and it worked fine. Still sorting out parameters but it does show the
> waterfall and seems to transmit a CQ.
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> Next question, after reading the word doc and the power point, I don't see
> any expected frequencies for operation. Are there suggested frequencies
> that folks are using?
>
> Thanks in advance.
>
> Bill, W4WNT
>
>
>
>

3330. Re: Set up and operation

Yahoo group: V4Protocol
Date: 2013-08-19 01:03:36 UTC
From: Okiguy
Topic: 3328 Message: 3330

Danke schoen, Sigi. I'll set the frequencies up. So far the software does appear to transmit so I'm close to getting it right.

Bill, W4WNT

--- In V4Protocol@yahoogroups.com, "siegfried jackstien" <siegfried.jackstien@...> wrote:
>
> 28073
>
> 24973
>
> 21073
>
> 10131
>
> 14073
>
> 18073
>
> 7045
>
> ....
>
> These are the frequencies that I know
>
> Fill that in in the left side of the chat window (in the khz row) ...
>
> When you have set your cat (if you have a rig with cat available) to the
> correct settings it should be possible to change frequencies with clicking
> on the list
>
> But for first tests that is not needed
>
> Sure you also found out how to set ptt?!?
>
> In the settings window you also can control the "drive" level of the soft
> (how much power is sent)
>
> Here I have set that to 75 percent ... and control the rest from the windows
> mixer (try out what works best for you)
>
> 73
>
> Dg9bfc
>

```
> sigi
>
```

3331. AW: [V4Protocol] Re: Set up and operation

Yahoo group: V4Protocol
Date: 2013-08-19 08:41:51 UTC
From: siegfried jackstien
Topic: 3328 Message: 3331

Youre welcome :-)

Thats what these groups are made for

Have a nice day

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Okiguy
> Gesendet: Montag, 19. August 2013 01:04
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Re: Set up and operation
>
>
>
> Danke schoen, Sigi. I'll set the frequencies up. So far the software does
> appear to transmit so I'm close to getting it right.
>
> Bill, W4WNT
>
> --- In V4Protocol@yahoogroups.com <mailto:V4Protocol%40yahoogroups.com> ,
> "siegfried jackstien" <siegfried.jackstien@...> wrote:
> >
> > 28073
> >
> > 24973
> >
> > 21073
> >
> > 10131
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> > ....
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> > Fill that in in the left side of the chat window (in the khz row) ...

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> > When you have set your cat (if you have a rig with cat available) to the
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> > (how much power is sent)
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> > Here I have set that to 75 percent ... and control the rest from the
> windows
> > mixer (try out what works best for you)
> >
> > 73
> >
> > Dg9bfc
> >
> > sigi
> >
>
>
>
>

3332. New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2013-08-27 17:24:29 UTC
From: V4Protocol@yahoogroups.com
Topic: 43 Message: 3332

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /H4_TNC 1.0.2.zip
Uploaded by : kn6kb <rmuething@...>
Description : Update to the H4 TNC (replaces original 1.0.1 version) NOT compatible with prior version

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/H4_TNC%201.0.2.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <rmuething@...>

3333. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2013-08-27 17:35:32 UTC
From: Don Poaps
Topic: 43 Message: 3333

This is what I get???

2013/08/27 17:32:20 [0.1.0.2] H4_TNC.My.MyApplication:
Could not load file or assembly 'Microsoft.DirectX.DirectSound,
Version=1.0.2902.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35' or
one of its dependencies. The system cannot find the file specified.
at H4_TNC.My.MyApplication.OnCreateMainForm()
at
Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.OnRun()
at
Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.DoApplicationModel()
Void OnCreateMainForm()
2013/08/27 17:32:37 [0.1.0.2] H4_TNC.My.MyApplication:
Could not load file or assembly 'Microsoft.DirectX.DirectSound,
Version=1.0.2902.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35' or
one of its dependencies. The system cannot find the file specified.
at H4_TNC.My.MyApplication.OnCreateMainForm()
at
Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.OnRun()
at
Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.DoApplicationModel()
Void OnCreateMainForm()
2013/08/27 17:33:45 [0.1.0.2] H4_TNC.My.MyApplication:
Could not load file or assembly 'Microsoft.DirectX.DirectSound,
Version=1.0.2902.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35' or
one of its dependencies. The system cannot find the file specified.
at H4_TNC.My.MyApplication.OnCreateMainForm()
at
Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.OnRun()
at
Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.DoApplicationModel()
Void OnCreateMainForm()

On Tue, Aug 27, 2013 at 10:24 AM, <V4Protocol@yahoogroups.com> wrote:

> **
>
>
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the V4Protocol
> group.
>
> File : /H4_TNC 1.0.2.zip

> Uploaded by : kn6kb <rmuething@cfl.rr.com>
> Description : Update to the H4 TNC (replaces original 1.0.1 version) NOT
> compatible with prior version
>
> You can access this file at the URL:
> http://groups.yahoo.com/group/V4Protocol/files/H4_TNC%201.0.2.zip
>
> To learn more about file sharing for your group, please visit:
> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
> Regards,
>
> kn6kb <rmuething@...>
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3334. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2013-08-27 17:38:20 UTC
From: Don Poaps
Topic: 43 Message: 3334

Copied the File to the V4Chat folder...I guess we meet on 14073 etc..

It's seem to work now...

Don va7dgp

On Tue, Aug 27, 2013 at 10:35 AM, Don Poaps <va7dgp@...> wrote:

> This is what I get???
>
> 2013/08/27 17:32:20 [0.1.0.2] H4_TNC.My.MyApplication:
> Could not load file or assembly 'Microsoft.DirectX.DirectSound,
> Version=1.0.2902.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35' or
> one of its dependencies. The system cannot find the file specified.
> at H4_TNC.My.MyApplication.OnCreateMainForm()
> at
> Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.OnRun()
> at
>
Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.DoApplicationModel()
> Void OnCreateMainForm()
> 2013/08/27 17:32:37 [0.1.0.2] H4_TNC.My.MyApplication:
> Could not load file or assembly 'Microsoft.DirectX.DirectSound,
> Version=1.0.2902.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35' or
> one of its dependencies. The system cannot find the file specified.
> at H4_TNC.My.MyApplication.OnCreateMainForm()
> at
> Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.OnRun()
> at
>
Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.DoApplicationModel()
> Void OnCreateMainForm()
> 2013/08/27 17:33:45 [0.1.0.2] H4_TNC.My.MyApplication:
> Could not load file or assembly 'Microsoft.DirectX.DirectSound,
> Version=1.0.2902.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35' or
> one of its dependencies. The system cannot find the file specified.
> at H4_TNC.My.MyApplication.OnCreateMainForm()
> at
> Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.OnRun()
> at
>
Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.DoApplicationModel()
> Void OnCreateMainForm()
>
>
>

> On Tue, Aug 27, 2013 at 10:24 AM, <V4Protocol@yahoogroups.com> wrote:
>
>> **
>>
>>
>>
>> Hello,
>>
>> This email message is a notification to let you know that
>> a file has been uploaded to the Files area of the V4Protocol
>> group.
>>
>> File : /H4_TNC 1.0.2.zip
>> Uploaded by : kn6kb <rmuething@...>
>> Description : Update to the H4 TNC (replaces original 1.0.1 version) NOT
>> compatible with prior version
>>
>> You can access this file at the URL:
>> http://groups.yahoo.com/group/V4Protocol/files/H4_TNC%201.0.2.zip
>>
>> To learn more about file sharing for your group, please visit:
>> http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
>> Regards,
>>
>> kn6kb <rmuething@cfl.rr.com>
>>
>>
>>
>>
>
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member

Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3335. H4TNC virtual TNC 1.0.2 zip uploaded to files directory.

Yahoo group: V4Protocol
Date: 2013-08-27 17:39:13 UTC
From: kn6kb
Topic: 3335 Message: 3335

On the original H4TNC which I uploaded hastily July 10 I found several serious bugs. I have been on the road the past 6 weeks and did some updates and build a simple White Gaussian Noise channel simulator into the H4TNC for testing (I don't have my HF channel simulator with me here in the RV!)

I believe this version is considerably better but I had to make some changes that are NOT compatible (different character coding) than the original 1.0.1 H4TNC version.

Feel free to download the 1.0.2 H4TNC version and play with it. BOTH ends must use this new version. If you can run a full duplex test setup (where the sound card can capture at the same time it is playing) you can use the new test options in the Test drop down menu to send a Quick Brown Fox test mixed with White Noise at -10, -5, 0, 5, and 10 dB S/N (standard 3 KHz Noise Bandwidth). Try squelch values between 3 and 6. Typically 4 or 5 should work best.

When I get back (about 2 weeks) I'll be able to do more extended testing and make some new updates. I also will start work on a ARQ version of the H4 TNC.

Summary of the differences and similarities between H4TNC and V4TNC.

1) Both use same 4FSK modulation at 46.875 baud (200 Hz bandwidth)
2) H4TNC uses lower latency hamming encoding (11,4 code shortened to 8,4 with a minimum Hamming "distance" of 3. V4 uses Viterbi encoding.
3) H4 sends a sync symbol every 1 sec (every 8 characters) to allow rapid resync.
4) Both use soft decoding.

Have fun...good luck. I may try to setup for some test QSOs on the way back. (had some trouble with my tuner earlier).

This is early alpha software...if you need bulletproof and fully verified code ....best to wait a while!!!

73,

Rick Muething, KN6KB

H4FSK TNC Revision History

Date: Rev Change Summary

Aug 21, 2013 0.1.0.2 Modify Two tone command.
Change Character encoding from 8,4,4 extended hamming to expand hamming distance slightly
Modify H4Demod.Decode8BitCharacter to pass EOT (value = 4) to TNC's character crawler
Modify SearchForTwoTone to H4Demod.SearchForTwoTone62B3.
Modify H4Demod.TrackTwoTone62B
Add mechanism in basic setup to select tuning range (+/- 50Hz to +/- 150 Hz)
Add simple White noise channel simulation to do loopback test on Quick Brown fox at -10, -5, 0, 5, 10 dB S/N

July 10, 2013 0.1.0.1 Initial Alpha release FEC only

3336. Re: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2013-08-27 17:54:39 UTC
From: Rick Muething
Topic: 43 Message: 3336

Don,

Did you install the Chat (not the V4Chat)? The H4TNC is a helper program and requires that you first install Chat. Then copy the latest H4TNC patch (1.0.2) into the Chat directory replacing the 1.0.1 version of the H4TNC. It works here as tested and your error message implies you don’t have the dll s installed in your Chat directory.

Just saw your latest post....THIS IS NOT AN UPDATE TO THE V4TNC or V4Chat. H4 and the H4TNC are a DIFFERENT protocol and should be installed in different directories.

The H4TNC and CHAT are different and will not work with V4CHAT or replace the V4TNC.

The goal here is to evaluate this new protocol which I believe will eventually be better and have lower latency than V4. Currently only the FEC version is on the FTP site. When calling we can still use the “watering hole frequencies” but the signal (though it sounds similar) cannot be copied by the other TNC type.

73,

Rick KN6KB

From: Don Poaps
Sent: Tuesday, August 27, 2013 1:35 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New file uploaded to V4Protocol

This is what I get???

2013/08/27 17:32:20 [0.1.0.2] H4_TNC.My.MyApplication:
Could not load file or assembly 'Microsoft.DirectX.DirectSound, Version=1.0.2902.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35' or one of its dependencies. The system cannot find the file specified.
at H4_TNC.My.MyApplication.OnCreateMainForm()
at Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.OnRun()
at
Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.DoApplicationModel()
Void OnCreateMainForm()
2013/08/27 17:32:37 [0.1.0.2] H4_TNC.My.MyApplication:
Could not load file or assembly 'Microsoft.DirectX.DirectSound, Version=1.0.2902.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35' or one of its dependencies. The system cannot find the file specified.
at H4_TNC.My.MyApplication.OnCreateMainForm()
at Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.OnRun()
at
Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.DoApplicationModel()
Void OnCreateMainForm()
2013/08/27 17:33:45 [0.1.0.2] H4_TNC.My.MyApplication:

Could not load file or assembly 'Microsoft.DirectX.DirectSound, Version=1.0.2902.0, Culture=neutral, PublicKeyToken=31bf3856ad364e35' or one of its dependencies. The system cannot find the file specified.
at H4_TNC.My.MyApplication.OnCreateMainForm()
at Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.OnRun()
at
Microsoft.VisualBasic.ApplicationServices.WindowsFormsApplicationBase.DoApplicationModel()
Void OnCreateMainForm()

On Tue, Aug 27, 2013 at 10:24 AM, <V4Protocol@yahoogroups.com> wrote:

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the V4Protocol
group.

File : /H4_TNC 1.0.2.zip
Uploaded by : kn6kb <mailto:rmuething%40cfl.rr.com>
Description : Update to the H4 TNC (replaces original 1.0.1 version) NOT compatible with prior version

You can access this file at the URL:
http://groups.yahoo.com/group/V4Protocol/files/H4_TNC%201.0.2.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

kn6kb <mailto:rmuething%40cfl.rr.com>

--

Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6612 - Release Date: 08/27/13

3337. HV4Chat

Yahoo group: V4Protocol
Date: 2013-08-27 17:55:52 UTC
From: Don Poaps
Topic: 3337 Message: 3337

I copied the file over. I guess as always read the manual. TNC works
but I guess will need the program that works with it.

Don va7dgp

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3338. Ham4 New Intsall

Yahoo group: V4Protocol
Date: 2013-08-27 21:07:05 UTC
From: Don Poaps
Topic: 3338 Message: 3338

New Install. The TNC works, Test Setup can PTT, but ARQ CQ doesn't CQ.

73

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3339. Re: [V4Protocol] Ham4 New Intsall

Yahoo group: V4Protocol
Date: 2013-08-27 21:41:51 UTC
From: Pat
Topic: 3338 Message: 3339

The same here.
TNC work, H4FED FD work but No CALL CQ or Call Callsign.
OS: Win7 Professional 64Bits
H4FSK Sound Card TNC 0.1.0.2
Chat 0.1.0.1

73 de Pat ON2AD

From: Don Poaps
Sent: Tuesday, August 27, 2013 11:07 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Ham4 New Intsall

New Install. The TNC works, Test Setup can PTT, but ARQ CQ doesn't CQ.

73

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3340. Re: Ham4 New Intsall

Yahoo group: V4Protocol
Date: 2013-08-27 21:55:41 UTC
From: Yussuf
Topic: 3338 Message: 3340

New Install ok, tomorrow I we will test in OH / Finland

--
73 OH7TE Yussuf JAWA dvoudobý - Česká mechanická muzika! ***

3341. Re: [V4Protocol] Ham4 New Intsall

Yahoo group: V4Protocol
Date: 2013-08-28 02:51:33 UTC
From: Rick Muething
Topic: 3338 Message: 3341

All,

As I have said the H4FEC is the only mode running. There is no H4ARQ at the moment. If you need to send a CQ or other FEC message you will have to create a text file and send that file via H4FEC.

What I am trying to test at this early alpha stage is the ability to send and receive basic FEC data on the H4 protocol. You can also use the built in test functions on the H4TNC TNC Test dropdown (e.g. Quick Brown Fox test etc)

Use the latest version of the H4TNC 1.0.2.

Rick KN6KB

From: Pat
Sent: Tuesday, August 27, 2013 5:41 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Ham4 New Intsall

The same here.
TNC work, H4FED FD work but No CALL CQ or Call Callsign.
OS: Win7 Professional 64Bits
H4FSK Sound Card TNC 0.1.0.2
Chat 0.1.0.1

73 de Pat ON2AD

From: Don Poaps
Sent: Tuesday, August 27, 2013 11:07 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Ham4 New Intsall

New Install. The TNC works, Test Setup can PTT, but ARQ CQ doesn't CQ.

73

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3211/6612 - Release Date: 08/27/13

3342. QRV HV4Chat

Yahoo group: V4Protocol
Date: 2013-08-28 10:19:56 UTC
From: MICHEL F1ABL
Topic: 3337 Message: 3342

hello all
QRV 14.073 H4FEC plse k
F1ABL Michel

To: V4Protocol@yahoogroups.com
From: va7dgp@...
Date: Tue, 27 Aug 2013 10:55:52 -0700
Subject: [V4Protocol] HV4Chat

I copied the file over. I guess as always read the manual. TNC works

but I guess will need the program that works with it.

Don va7dgp

--

Don Poaps

New Westminster, BC

VA7DGP

Satern Member

Vector Member

Surrey Amateur Radio

Metrotown Salvation Army Community Church Member

3343. H4TNC 0.1.0.2

Yahoo group: V4Protocol
Date: 2013-08-28 17:08:22 UTC
From: oh5rm
Topic: 3343 Message: 3343

Thanks Rick,

The new version seems to work OK on FEC.
Just had a Chat with OH7TE on 80m and also Scandinavian characters working OK. So good progress made, waiting for ARQ

73 Jouko OH5RM

3344. CQ H4TNC 0.1.0.2

Yahoo group: V4Protocol
Date: 2013-08-28 17:34:03 UTC
From: MICHEL F1ABL
Topic: 3343 Message: 3344

CQ 14.073 H6FEC HD CQ CQ K

F1ABL

To: V4Protocol@yahoogroups.com
From: jn@vfemail.net
Date: Wed, 28 Aug 2013 17:08:22 +0000
Subject: [V4Protocol] H4TNC 0.1.0.2

Thanks Rick,

The new version seems to work OK on FEC.

Just had a Chat with OH7TE on 80m and also Scandinavian characters working OK. So good progress made, waiting for ARQ

73 Jouko OH5RM

3345. RE: [V4Protocol] H4TNC 0.1.0.2

Yahoo group: V4Protocol
Date: 2013-08-28 17:34:42 UTC
From: MICHEL F1ABL
Topic: 3343 Message: 3345

SORRY MODE H4FEC CQ 14.073

To: V4Protocol@yahoogroups.com
From: jn@vfemail.net
Date: Wed, 28 Aug 2013 17:08:22 +0000
Subject: [V4Protocol] H4TNC 0.1.0.2

Thanks Rick,

The new version seems to work OK on FEC.

Just had a Chat with OH7TE on 80m and also Scandinavian characters working OK. So good progress made, waiting for ARQ

73 Jouko OH5RM

3346. Chat V4 H4FEC

Yahoo group: V4Protocol
Date: 2013-08-29 19:03:15 UTC
From: micheluze@...
Topic: 3346 Message: 3346

Hello all
QRV 14.073 H4FEC Chat V4 mode

Heard the 28/08/2013 AA1CZ but in V4Tchat ARQ protocol just connection without echange more QSB

Today QRV H4FEC conditions seems good come one please

Michel F1ABL

3347. Re: [V4Protocol] Chat V4 H4FEC

Yahoo group: V4Protocol
Date: 2013-08-29 19:22:22 UTC
From: Pat
Topic: 3346 Message: 3347

Hello Michel,

I have see and work you but there war a lot of errors I have read.
Also to in the text I send and my own text I readed.

What mode I must set in the Log ??

73 de Pat, ON2AD

From: micheluze@...
Sent: Thursday, August 29, 2013 9:03 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Chat V4 H4FEC

Hello all
QRV 14.073 H4FEC Chat V4 mode

Heard the 28/08/2013 AA1CZ but in V4Tchat ARQ protocol just connection without echange more QSB

Today QRV H4FEC conditions seems good come one please

Michel F1ABL

3348. Re: [V4Protocol] Chat V4 H4FEC

Yahoo group: V4Protocol
Date: 2013-08-29 19:26:40 UTC
From: Yussuf
Topic: 3346 Message: 3348

Hi all, Tomorrow I wiil be QRV H4FEC 14073 around 09...10 UTC. Be QRV! 73
Yussi OH7TE

2013/8/29 Pat <on2ad@...>

> **
>
>
> Hello Michel,
>
> I have see and work you but there war a lot of errors I have read.
> Also to in the text I send and my own text I readed.
>
> What mode I must set in the Log ??
>
> 73 de Pat, ON2AD
>
> *From:* micheluze@...
> *Sent:* Thursday, August 29, 2013 9:03 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] Chat V4 H4FEC
>
>
>
> Hello all
> QRV 14.073 H4FEC Chat V4 mode
>
> Heard the 28/08/2013 AA1CZ but in V4Tchat ARQ protocol just connection
> without echange more QSB
>
> Today QRV H4FEC conditions seems good come one please
>
> Michel F1ABL
>
>
>

--
73 OH7TE Yussuf
*** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa
->1990, SRAL ym jne ***

3349. Re: [V4Protocol] Chat V4 H4FEC

Yahoo group: V4Protocol
Date: 2013-08-29 19:46:05 UTC
From: Yussuf
Topic: 3346 Message: 3349

Seems condx is good now inside Eu on 20m band, Worked F1ABL & ON2AD, tnx
Michel & Pat! 73 de Yussi OH7TE

2013/8/29 Yussuf <yufenau@...>

> Hi all, Tomorrow I wiil be QRV H4FEC 14073 around 09...10 UTC. Be QRV! 73
> Yussi OH7TE
>
>
>
> 2013/8/29 Pat <on2ad@...>
>
>> **
>>
>>
>> Hello Michel,
>>
>> I have see and work you but there war a lot of errors I have read.
>> Also to in the text I send and my own text I readed.
>>
>> What mode I must set in the Log ??
>>
>> 73 de Pat, ON2AD
>>
>> *From:* micheluze@...
>> *Sent:* Thursday, August 29, 2013 9:03 PM
>> *To:* V4Protocol@yahoogroups.com
>> *Subject:* [V4Protocol] Chat V4 H4FEC
>>
>>
>>
>> Hello all
>> QRV 14.073 H4FEC Chat V4 mode
>>
>> Heard the 28/08/2013 AA1CZ but in V4Tchat ARQ protocol just connection
>> without echange more QSB
>>
>> Today QRV H4FEC conditions seems good come one please
>>
>> Michel F1ABL
>>
>>
>>
>
>

>
> --
> 73 OH7TE Yussuf
> *** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa
> ->1990, SRAL ym jne ***
>
>
>

--
73 OH7TE Yussuf
*** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa
->1990, SRAL ym jne ***

3350. RE: [V4Protocol] Chat V4 H4FEC

Yahoo group: V4Protocol
Date: 2013-08-30 07:01:14 UTC
From: MICHEL F1ABL
Topic: 3346 Message: 3350

Hello Pat and Yusssi thanks QSO in H4FEC but seems this mode is complicate for Chat text is not send during the transmission.
The Call is not integrate in the answer.
The time to type text in same time that it is sent is too short and we don't know if we are conected.
I missed some think,
Michel

To: V4Protocol@yahoogroups.com
From: yufenau@...
Date: Thu, 29 Aug 2013 22:46:05 +0300
Subject: Re: [V4Protocol] Chat V4 H4FEC

Seems condx is good now inside Eu on 20m band, Worked F1ABL & ON2AD, tnx Michel & Pat! 73 de Yussi OH7TE

2013/8/29 Yussuf <yufenau@...>

Hi all, Tomorrow I wiil be QRV H4FEC 14073 around 09...10 UTC. Be QRV! 73 Yussi OH7TE

2013/8/29 Pat <on2ad@telenet.be>

Hello Michel,

I have see and work you but there war a lot of errors I have read.
Also to in the text I send and my own text I readed.

What mode I must set in the Log ??

73 de Pat, ON2AD

From: micheluze@...
Sent: Thursday, August 29, 2013 9:03 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Chat V4 H4FEC

Hello all
QRV 14.073 H4FEC Chat V4 mode

Heard the 28/08/2013 AA1CZ
but in V4Tchat ARQ protocol just connection without echange more
QSB

Today QRV H4FEC conditions seems good come one please

Michel
F1ABL

--
73 OH7TE Yussuf
*** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa ->1990, SRAL ym jne
***

--
73 OH7TE Yussuf
*** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa ->1990, SRAL ym jne
***

3351. Re: [V4Protocol] Chat V4 H4FEC

Yahoo group: V4Protocol
Date: 2013-08-30 11:49:15 UTC
From: Yussuf
Topic: 3346 Message: 3351

Hello om´s! I´m now H4FEC 7073 and sometimes visit also 14073. VOAProp:
Dondx "good". 73 Yussi OH7TE

2013/8/30 MICHEL F1ABL <micheluze@...>

> **
>
>
> Hello Pat and Yusssi thanks QSO in H4FEC but seems this mode is
> complicate for Chat text is not send during the transmission.
> The Call is not integrate in the answer.
> The time to type text in same time that it is sent is too short and we
> don't know if we are conected.
> I missed some think,
> Michel
>
>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: yufenau@...
> Date: Thu, 29 Aug 2013 22:46:05 +0300
> Subject: Re: [V4Protocol] Chat V4 H4FEC
>
>
>
> Seems condx is good now inside Eu on 20m band, Worked F1ABL & ON2AD, tnx
> Michel & Pat! 73 de Yussi OH7TE
>
>
> 2013/8/29 Yussuf <yufenau@...>
>
> Hi all, Tomorrow I wiil be QRV H4FEC 14073 around 09...10 UTC. Be QRV! 73
> Yussi OH7TE
>
>
>
> 2013/8/29 Pat <on2ad@...>
>
> **
>
>
> Hello Michel,
>
> I have see and work you but there war a lot of errors I have read.
> Also to in the text I send and my own text I readed.

>
> What mode I must set in the Log ??
>
> 73 de Pat, ON2AD
>
> *From:* micheluze@...
> *Sent:* Thursday, August 29, 2013 9:03 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] Chat V4 H4FEC
>
>
> Hello all
> QRV 14.073 H4FEC Chat V4 mode
>
> Heard the 28/08/2013 AA1CZ but in V4Tchat ARQ protocol just connection
> without echange more QSB
>
> Today QRV H4FEC conditions seems good come one please
>
> Michel F1ABL
>
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>
> --
> 73 OH7TE Yussuf
> *** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa
> ->1990, SRAL ym jne ***
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>
> --
> 73 OH7TE Yussuf
> *** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa
> ->1990, SRAL ym jne ***
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>

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73 OH7TE Yussuf
*** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa
->1990, SRAL ym jne ***

3352. Re: [V4Protocol] Chat V4 H4FEC

Yahoo group: V4Protocol
Date: 2013-08-30 17:13:09 UTC
From: Yussuf
Topic: 3346 Message: 3352

H4FEC 14073,,no answer..."hrd" VE1EDA

2013/8/30 Yussuf <yufenau@...m>

> Hello om´s! I´m now H4FEC 7073 and sometimes visit also 14073. VOAProp:
> Dondx "good". 73 Yussi OH7TE
>
>
> 2013/8/30 MICHEL F1ABL <micheluze@...>
>
>> **
>>
>>
>> Hello Pat and Yusssi thanks QSO in H4FEC but seems this mode is
>> complicate for Chat text is not send during the transmission.
>> The Call is not integrate in the answer.
>> The time to type text in same time that it is sent is too short and we
>> don't know if we are conected.
>> I missed some think,
>> Michel
>>
>>
>> ------------------------------
>> To: V4Protocol@yahoogroups.com
>> From: yufenau@...
>> Date: Thu, 29 Aug 2013 22:46:05 +0300
>> Subject: Re: [V4Protocol] Chat V4 H4FEC
>>
>>
>>
>> Seems condx is good now inside Eu on 20m band, Worked F1ABL & ON2AD, tnx
>> Michel & Pat! 73 de Yussi OH7TE
>>
>>
>> 2013/8/29 Yussuf <yufenau@...>
>>
>> Hi all, Tomorrow I wiil be QRV H4FEC 14073 around 09...10 UTC. Be QRV! 73
>> Yussi OH7TE
>>
>>
>>
>> 2013/8/29 Pat <on2ad@...>
>>
>> **
>>

>>
>> Hello Michel,
>>
>> I have see and work you but there war a lot of errors I have read.
>> Also to in the text I send and my own text I readed.
>>
>> What mode I must set in the Log ??
>>
>> 73 de Pat, ON2AD
>>
>> *From:* micheluze@...
>> *Sent:* Thursday, August 29, 2013 9:03 PM
>> *To:* V4Protocol@yahoogroups.com
>> *Subject:* [V4Protocol] Chat V4 H4FEC
>>
>>
>> Hello all
>> QRV 14.073 H4FEC Chat V4 mode
>>
>> Heard the 28/08/2013 AA1CZ but in V4Tchat ARQ protocol just connection
>> without echange more QSB
>>
>> Today QRV H4FEC conditions seems good come one please
>>
>> Michel F1ABL
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>>
>> --
>> 73 OH7TE Yussuf
>> *** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa
>> ->1990, SRAL ym jne ***
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>> 73 OH7TE Yussuf
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>
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> 73 OH7TE Yussuf
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>
>

--
73 OH7TE Yussuf
*** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa
->1990, SRAL ym jne ***
```

3353. RE: [V4Protocol] Chat V4 H4FEC

Yahoo group: V4Protocol
Date: 2013-08-30 17:32:00 UTC
From: MICHEL F1ABL
Topic: 3346 Message: 3353

Hello all
heard nothing on 14.073
What you choose in CHAT setup in <<Character Set>> here have ASCII(7bits) it is correct? ? ?
Thanks Michel

To: V4Protocol@yahoogroups.com
From: yufenau@...
Date: Fri, 30 Aug 2013 20:13:09 +0300
Subject: Re: [V4Protocol] Chat V4 H4FEC

H4FEC 14073,,no answer..."hrd" VE1EDA

2013/8/30 Yussuf <yufenau@...>

Hello om´s! I´m now H4FEC 7073 and sometimes visit also 14073. VOAProp: Dondx "good". 73 Yussi OH7TE

2013/8/30 MICHEL F1ABL <micheluze@...>

Hello Pat and Yusssi thanks QSO in H4FEC but seems this mode is complicate for Chat text is not send during the transmission.
The Call is not integrate in the answer.
The time to type text in same time that it is sent is too short and we don't know if we are conected.

I missed some think,
Michel

To: V4Protocol@yahoogroups.com
From: yufenau@gmail.com

Date: Thu, 29 Aug 2013 22:46:05 +0300
Subject: Re: [V4Protocol] Chat V4 H4FEC

Seems condx is good now inside Eu on 20m band, Worked F1ABL & ON2AD, tnx Michel & Pat! 73 de Yussi OH7TE

2013/8/29 Yussuf <yufenau@...>

Hi all, Tomorrow I wiil be QRV H4FEC 14073 around 09...10 UTC. Be QRV! 73 Yussi OH7TE

2013/8/29 Pat <on2ad@...>

Hello Michel,

I have see and work you but there war a lot of errors I have read.
Also to in the text I send and my own text I readed.

What mode I must set in the Log ??

73 de Pat, ON2AD

From: micheluze@...
Sent: Thursday, August 29, 2013 9:03 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Chat V4 H4FEC

Hello all
QRV 14.073 H4FEC Chat V4 mode

Heard the 28/08/2013 AA1CZ
but in V4Tchat ARQ protocol just connection without echange more
QSB

Today QRV H4FEC conditions seems good come one please

Michel
F1ABL

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73 OH7TE Yussuf
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--
73 OH7TE Yussuf
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--
73 OH7TE Yussuf
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--
73 OH7TE Yussuf
*** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa ->1990, SRAL ym jne
***

3354. Re: [V4Protocol] Chat V4 H4FEC

Yahoo group: V4Protocol
Date: 2013-08-30 17:35:15 UTC
From: Yussuf
Topic: 3346 Message: 3354

Michel, I read you 100% now but must go to shop just now! I use 7 bit ASCII
too. See you later/soon. 73 Yussuf OH7TE

2013/8/30 MICHEL F1ABL <micheluze@...>

> **
>
>
> Hello all
> heard nothing on 14.073
> What you choose in CHAT setup in <<Character Set>> here have ASCII(7bits)
> it is correct? ? ?
> Thanks Michel
>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: yufenau@...
> Date: Fri, 30 Aug 2013 20:13:09 +0300
>
> Subject: Re: [V4Protocol] Chat V4 H4FEC
>
>
>
> H4FEC 14073,,no answer..."hrd" VE1EDA
>
>
>
> 2013/8/30 Yussuf <yufenau@...>
>
> Hello om´s! I´m now H4FEC 7073 and sometimes visit also 14073. VOAProp:
> Dondx "good". 73 Yussi OH7TE
>
>
>
> 2013/8/30 MICHEL F1ABL <micheluze@...m>
>
> **
>
>
> Hello Pat and Yusssi thanks QSO in H4FEC but seems this mode is
> complicate for Chat text is not send during the transmission.
> The Call is not integrate in the answer.
> The time to type text in same time that it is sent is too short and we
> don't know if we are conected.
> I missed some think,
> Michel

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>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: yufenau@...
> Date: Thu, 29 Aug 2013 22:46:05 +0300
> Subject: Re: [V4Protocol] Chat V4 H4FEC
>
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>
> Seems condx is good now inside Eu on 20m band, Worked F1ABL & ON2AD, tnx
> Michel & Pat! 73 de Yussi OH7TE
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>
> 2013/8/29 Yussuf <yufenau@...>
>
> Hi all, Tomorrow I wiil be QRV H4FEC 14073 around 09...10 UTC. Be QRV! 73
> Yussi OH7TE
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>
> 2013/8/29 Pat <on2ad@...>
>
> **
>
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> Hello Michel,
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> I have see and work you but there war a lot of errors I have read.
> Also to in the text I send and my own text I readed.
>
> What mode I must set in the Log ??
>
> 73 de Pat, ON2AD
>
> *From:* micheluze@...
> *Sent:* Thursday, August 29, 2013 9:03 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] Chat V4 H4FEC
>
>
> Hello all
> QRV 14.073 H4FEC Chat V4 mode
>
> Heard the 28/08/2013 AA1CZ but in V4Tchat ARQ protocol just connection
> without echange more QSB
>
> Today QRV H4FEC conditions seems good come one please
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> Michel F1ABL

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> 73 OH7TE Yussuf
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> 73 OH7TE Yussuf
> *** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa
> ->1990, SRAL ym jne ***
>
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>
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>

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73 OH7TE Yussuf
*** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa
->1990, SRAL ym jne ***

3355. RE: [V4Protocol] Chat V4 H4FEC

Yahoo group: V4Protocol
Date: 2013-08-30 17:36:56 UTC
From: MICHEL F1ABL
Topic: 3346 Message: 3355

Thanks Yussi good shopping 73

To: V4Protocol@yahoogroups.com
From: yufenau@...
Date: Fri, 30 Aug 2013 20:35:15 +0300
Subject: Re: [V4Protocol] Chat V4 H4FEC

Michel, I read you 100% now but must go to shop just now! I use 7 bit ASCII too. See you later/soon. 73 Yussuf OH7TE

2013/8/30 MICHEL F1ABL <micheluze@msn.com>

Hello all
heard nothing on 14.073
What you choose in CHAT setup in <<Character Set>> here have ASCII(7bits) it is correct? ? ?
Thanks Michel

To: V4Protocol@yahoogroups.com

From: yufenau@...
Date: Fri, 30 Aug 2013 20:13:09 +0300
Subject: Re: [V4Protocol] Chat V4 H4FEC

H4FEC 14073,,no answer..."hrd" VE1EDA

2013/8/30 Yussuf <yufenau@...>

Hello om´s! I´m now H4FEC 7073 and sometimes visit also 14073. VOAProp: Dondx "good". 73 Yussi OH7TE

2013/8/30 MICHEL F1ABL <micheluze@...>

Hello Pat and Yusssi thanks QSO in H4FEC but seems this mode is complicate for Chat text is not send during the transmission.
The Call is not integrate in the answer.
The time to type text in same time that it is sent is too short and we don't know if we are conected.

I missed some think,
Michel

To: V4Protocol@yahoogroups.com
From: yufenau@...

Date: Thu, 29 Aug 2013 22:46:05 +0300
Subject: Re: [V4Protocol] Chat V4 H4FEC

Seems condx is good now inside Eu on 20m band, Worked F1ABL & ON2AD, tnx Michel & Pat! 73 de Yussi OH7TE

2013/8/29 Yussuf <yufenau@...>

Hi all, Tomorrow I wiil be QRV H4FEC 14073 around 09...10 UTC. Be QRV! 73 Yussi OH7TE

2013/8/29 Pat <on2ad@...>

Hello Michel,

I have see and work you but there war a lot of errors I have read.
Also to in the text I send and my own text I readed.

What mode I must set in the Log ??

73 de Pat, ON2AD

From: micheluze@msn.com
Sent: Thursday, August 29, 2013 9:03 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Chat V4 H4FEC

Hello all
QRV 14.073 H4FEC Chat V4 mode

Heard the 28/08/2013 AA1CZ
but in V4Tchat ARQ protocol just connection without echange more
QSB

Today QRV H4FEC conditions seems good come one please

Michel
F1ABL

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73 OH7TE Yussuf
*** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa ->1990, SRAL ym jne ***

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73 OH7TE Yussuf
*** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa ->1990, SRAL ym jne ***

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73 OH7TE Yussuf
*** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa ->1990, SRAL ym jne ***

--
73 OH7TE Yussuf
*** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa ->1990, SRAL ym jne ***

--
73 OH7TE Yussuf
*** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa ->1990, SRAL ym jne
***

3356. Re: [V4Protocol] Chat V4 H4FEC

Yahoo group: V4Protocol
Date: 2013-08-30 19:10:43 UTC
From: Yussuf
Topic: 3346 Message: 3356

Because moving processs to new QTH to East Finland I´m ON/OFF on the air.
All antennas are down next week, then QRV from KP30js /Myllykoski during
this autumn. Now H4FEC 7073 / 14073 abt 1... 2 hours. 73 Yussi OH7TE

2013/8/30 MICHEL F1ABL <micheluze@...>

> **
>
>
> Thanks Yussi good shopping 73
>
>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: yufenau@...
> Date: Fri, 30 Aug 2013 20:35:15 +0300
>
> Subject: Re: [V4Protocol] Chat V4 H4FEC
>
>
>
> Michel, I read you 100% now but must go to shop just now! I use 7 bit
> ASCII too. See you later/soon. 73 Yussuf OH7TE
>
>
> 2013/8/30 MICHEL F1ABL <micheluze@...>
>
> **
>
>
> Hello all
> heard nothing on 14.073
> What you choose in CHAT setup in <<Character Set>> here have ASCII(7bits)
> it is correct? ? ?
> Thanks Michel
>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: yufenau@...
> Date: Fri, 30 Aug 2013 20:13:09 +0300
>
> Subject: Re: [V4Protocol] Chat V4 H4FEC
>
>
>

> H4FEC 14073,,no answer..."hrd" VE1EDA
>
>
>
> 2013/8/30 Yussuf <yufenau@...>
>
> Hello om´s! I´m now H4FEC 7073 and sometimes visit also 14073. VOAProp:
> Dondx "good". 73 Yussi OH7TE
>
>
> 2013/8/30 MICHEL F1ABL <micheluze@...>
>
> **
>
>
> Hello Pat and Yusssi thanks QSO in H4FEC but seems this mode is
> complicate for Chat text is not send during the transmission.
> The Call is not integrate in the answer.
> The time to type text in same time that it is sent is too short and we
> don't know if we are conected.
> I missed some think,
> Michel
>
>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: yufenau@...
> Date: Thu, 29 Aug 2013 22:46:05 +0300
> Subject: Re: [V4Protocol] Chat V4 H4FEC
>
>
>
> Seems condx is good now inside Eu on 20m band, Worked F1ABL & ON2AD, tnx
> Michel & Pat! 73 de Yussi OH7TE
>
>
> 2013/8/29 Yussuf <yufenau@...>
>
> Hi all, Tomorrow I wiil be QRV H4FEC 14073 around 09...10 UTC. Be QRV! 73
> Yussi OH7TE
>
>
>
> 2013/8/29 Pat <on2ad@...>
>
> **
>
>
> Hello Michel,
>

> I have see and work you but there war a lot of errors I have read.
> Also to in the text I send and my own text I readed.
>
> What mode I must set in the Log ??
>
> 73 de Pat, ON2AD
>
> *From:* micheluze@...
> *Sent:* Thursday, August 29, 2013 9:03 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] Chat V4 H4FEC
>
>
> Hello all
> QRV 14.073 H4FEC Chat V4 mode
>
> Heard the 28/08/2013 AA1CZ but in V4Tchat ARQ protocol just connection
> without echange more QSB
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> Today QRV H4FEC conditions seems good come one please
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> Michel F1ABL
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>
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>
> --
> 73 OH7TE Yussuf
> *** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa
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> 73 OH7TE Yussuf
> *** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa
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> 73 OH7TE Yussuf

> *** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa
> ->1990, SRAL ym jne ***
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>
>
>

--
73 OH7TE Yussuf
*** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa
->1990, SRAL ym jne ***

3357. RE: H4TNC 0.1.0.2

Yahoo group: V4Protocol
Date: 2013-08-31 16:02:26 UTC
From: <f1smv.eric@...>
Topic: 3343 Message: 3357

GA

your are lucky, i tried with my icom 7600 and follow help file, no tx ...rx is ok but impossible to go in tx with usb cable ...

73 Eric

--- In v4protocol@yahoogroups.com, <micheluze@...> wrote:

SORRY MODE H4FEC CQ 14.073

To: V4Protocol@yahoogroups.com
From: jn@...
Date: Wed, 28 Aug 2013 17:08:22 +0000
Subject: [V4Protocol] H4TNC 0.1.0.2

Thanks Rick,

The new version seems to work OK on FEC.
Just had a Chat with OH7TE on 80m and also Scandinavian characters working OK. So good progress made, waiting for ARQ

73 Jouko OH5RM

3358. RE: [V4Protocol] RE: H4TNC 0.1.0.2

Yahoo group: V4Protocol
Date: 2013-08-31 16:43:03 UTC
From: MICHEL F1ABL
Topic: 3343 Message: 3358

Salut Eric
Attention il n'y a que le mode H4FEC qui fonctionne en ARQ n'est pas disponible sur la version Chat experimentale
Donc il vous faut taper les textes au clavier pour envoyer soit commande<< enter>> tout depend de votre configuration dans le setup
73 Michel

To: V4Protocol@yahoogroups.com
From: f1smv.eric@...
Date: Sat, 31 Aug 2013 09:02:26 -0700
Subject: [V4Protocol] RE: H4TNC 0.1.0.2

GA

your are lucky, i tried with my icom 7600 and follow help file, no tx ...rx is ok but impossible to go in tx with usb cable ...
73 Eric

--- In v4protocol@yahoogroups.com, <micheluze@...> wrote:

SORRY MODE H4FEC CQ 14.073

To: V4Protocol@yahoogroups.com
From: jn@...
Date: Wed, 28 Aug 2013 17:08:22 +0000
Subject: [V4Protocol] H4TNC 0.1.0.2

Thanks Rick,

The new version seems to work OK on FEC.

Just had a Chat with OH7TE on 80m and also Scandinavian characters working OK. So good progress made, waiting for ARQ

73 Jouko OH5RM

3359. Re: [V4Protocol] Chat V4 H4FEC

Yahoo group: V4Protocol
Date: 2013-09-02 11:26:03 UTC
From: Yussuf
Topic: 3346 Message: 3359

H4FEC QRV 14073 73 Yussi OH7TE

2013/8/30 Yussuf <yufenau@...>

> Because moving processs to new QTH to East Finland I´m ON/OFF on the air.
> All antennas are down next week, then QRV from KP30js /Myllykoski during
> this autumn. Now H4FEC 7073 / 14073 abt 1... 2 hours. 73 Yussi OH7TE
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> 2013/8/30 MICHEL F1ABL <micheluze@...>
>
>> **
>>
>>
>> Thanks Yussi good shopping 73
>>
>>
>> ------------------------------
>> To: V4Protocol@yahoogroups.com
>> From: yufenau@...
>> Date: Fri, 30 Aug 2013 20:35:15 +0300
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>> Subject: Re: [V4Protocol] Chat V4 H4FEC
>>
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>>
>> Michel, I read you 100% now but must go to shop just now! I use 7 bit
>> ASCII too. See you later/soon. 73 Yussuf OH7TE
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>> 2013/8/30 MICHEL F1ABL <micheluze@...>
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>>
>> **
>>
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>> Hello all
>> heard nothing on 14.073
>> What you choose in CHAT setup in <<Character Set>> here have
>> ASCII(7bits) it is correct? ? ?
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>> To: V4Protocol@yahoogroups.com
>> From: yufenau@...

>> Date: Fri, 30 Aug 2013 20:13:09 +0300
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>> H4FEC 14073,,no answer..."hrd" VE1EDA
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>>
>> 2013/8/30 Yussuf <yufenau@...>
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>> 2013/8/30 MICHEL F1ABL <micheluze@...>
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>> complicate for Chat text is not send during the transmission.
>> The Call is not integrate in the answer.
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>> don't know if we are conected.
>> I missed some think,
>> Michel
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>> ------------------------------
>> To: V4Protocol@yahoogroups.com
>> From: yufenau@...
>> Date: Thu, 29 Aug 2013 22:46:05 +0300
>> Subject: Re: [V4Protocol] Chat V4 H4FEC
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>>
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>> Seems condx is good now inside Eu on 20m band, Worked F1ABL & ON2AD, tnx
>> Michel & Pat! 73 de Yussi OH7TE
>>
>>
>> 2013/8/29 Yussuf <yufenau@...>
>>
>> Hi all, Tomorrow I wiil be QRV H4FEC 14073 around 09...10 UTC. Be QRV! 73
>> Yussi OH7TE
>>
>>
>>
>> 2013/8/29 Pat <on2ad@...>

>>
>> **
>>
>>
>> Hello Michel,
>>
>> I have see and work you but there war a lot of errors I have read.
>> Also to in the text I send and my own text I readed.
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>> What mode I must set in the Log ??
>>
>> 73 de Pat, ON2AD
>>
>> *From:* micheluze@...
>> *Sent:* Thursday, August 29, 2013 9:03 PM
>> *To:* V4Protocol@yahoogroups.com
>> *Subject:* [V4Protocol] Chat V4 H4FEC
>>
>>
>> Hello all
>> QRV 14.073 H4FEC Chat V4 mode
>>
>> Heard the 28/08/2013 AA1CZ but in V4Tchat ARQ protocol just connection
>> without echange more QSB
>>
>> Today QRV H4FEC conditions seems good come one please
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>> Michel F1ABL
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>> --
>> 73 OH7TE Yussuf
>> *** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa
>> ->1990, SRAL ym jne ***
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>> 73 OH7TE Yussuf
>> *** Feld Hell Club #361, ROS Club #98 , PAM #2, SRHS #283, DRC #7, NoRa
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->1990, SRAL ym jne ***

3360. AW: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2013-09-02 20:04:24 UTC
From: siegfried jackstien
Topic: 43 Message: 3360

>
> The goal here is to evaluate this new protocol which I believe will
> eventually be better and have lower latency than V4. Currently only the
> FEC version is on the FTP site. When calling we can still use the
> "watering hole frequencies" but the signal (though it sounds similar)
> cannot be copied by the other TNC type.

Would it be possible to make one softwarew that can be switched between
these modes?!?

Then comparing would be easier ... faste switch between modes and see what
works best ... (no need for that soft to copy BOTH modes together ... but
would be a nice add on)

Dg9bfc

Sigi

3361. Re: AW: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2013-09-03 12:30:19 UTC
From: Rick Muething
Topic: 43 Message: 3361

Sigi,

Yes that is possible...you can do a lot in software but it would be a much more complex Chat program and I'm not sure it is worth the effort. When I get back I'll look into it but it may be better to put in a mechansim to send the same FEC file on V4 and H4 and simply measure the errors. I can easily do that when I have access to my HF channel simulator again.

73,

Rick KN6KB

From: siegfried jackstien
Sent: Monday, September 02, 2013 4:04 PM
To: V4Protocol@yahoogroups.com
Subject: AW: [V4Protocol] New file uploaded to V4Protocol

>
> The goal here is to evaluate this new protocol which I believe will
> eventually be better and have lower latency than V4. Currently only the
> FEC version is on the FTP site. When calling we can still use the
> "watering hole frequencies" but the signal (though it sounds similar)
> cannot be copied by the other TNC type.

Would it be possible to make one softwarew that can be switched between these modes?!?

Then comparing would be easier ... faste switch between modes and see what works best ... (no need for that soft to copy BOTH modes together ... but would be a nice add on)

Dg9bfc

Sigi

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6629 - Release Date: 09/01/13

3362. Re: AW: [V4Protocol] New file uploaded to V4Protocol

Yahoo group: V4Protocol
Date: 2013-09-03 18:50:55 UTC
From: Mel Whitten
Topic: 43 Message: 3362

Rick,

What about comparing BER between the two? You may have noticed David Rowe added a BER indicator in FreeDV. Between that and SNR estimation, the performance of its modem can be evaluated by the user.

Mel, K0PFX

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Tuesday, September 03, 2013 7:30 AM
Subject: Re: AW: [V4Protocol] New file uploaded to V4Protocol

Sigi,

Yes that is possible...you can do a lot in software but it would be a much more complex Chat program and I'm not sure it is worth the effort. When I get back I'll look into it but it may be better to put in a mechansim to send the same FEC file on V4 and H4 and simply measure the errors. I can easily do that when I have access to my HF channel simulator again.

73,

Rick KN6KB

From: siegfried jackstien
Sent: Monday, September 02, 2013 4:04 PM
To: V4Protocol@yahoogroups.com
Subject: AW: [V4Protocol] New file uploaded to V4Protocol

>
> The goal here is to evaluate this new protocol which I believe will
> eventually be better and have lower latency than V4. Currently only the
> FEC version is on the FTP site. When calling we can still use the
> "watering hole frequencies" but the signal (though it sounds similar)
> cannot be copied by the other TNC type.

Would it be possible to make one softwarew that can be switched between these modes?!?

Then comparing would be easier ... faste switch between modes and see what works best ... (no need for that soft to copy BOTH modes together ... but would be a nice add on)

Dg9bfc

Sigi

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.3392 / Virus Database: 3222/6629 - Release Date: 09/01/13

3363. New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 16:05:54 UTC
From: Rick Muething
Topic: 3363 Message: 3363

All,

I have posted a new version (now with significantly more testing!!!) of the Chat program and the H4TNC (Implements the new HAM4 Protocol). This is available for download from the Yahoo V4Protocol group FTP or the Winlink user FTP ftp://autoupdate.winlink.org/User%20Programs/

The new Chat program and H4TNC does NOT replace the prior V4Chat. It is a new program that uses a new (hopefully more robust with lower latency) modulation and coding scheme. The current version 0.1.1.0 is considered alpha code but appears very functional. Only the FEC (broadcast) protocol is included initially .later ARQ. If this proves to be robust and effective I plan to use it to replace the older V4 TNC. I may make a future version of Chat that would support both protocols but this is not in the current plans.

The new Chat also contains a limited beacon mode to help with initial testing. I have placed a HAM4 beacon "HAM4 Test Beacon de KN6KB [EL98pf] that will be sent approximately every 10 minutes on 10.110.0 USB DIAL. If you download and install the Chat program from above and set it up (help is included and updated). You should be able to hear/copy the beacon. You can also answer me with a reply if desired. I will be here most of the day but in and out. If you set up your own beacon please try and use this same frequency or frequency on another band. Please try and co ordinate beacon frequencies and use them sparingly. We don't want to create an beacon interference.

My initial tests with the new coding scheme used in version 0.1.1.0 are very encouraging. I think the ARQ version will be equally good with higher robustness and easier operation. This new mode has very low latency (about 300 ms .faster than PSK31.)

I am having some problem with the autoupdate mechanism so this will require a full install (and uninstall of a previous version of Chat). Note: this is installed in a separate directory and shares no data with the earlier V4Chat.

73,

Rick Muething, KN6KB

3364. RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 18:00:01 UTC
From: George McCulley
Topic: 3363 Message: 3364

Rick: Hearing no beacon from you at this time.

My beacon is on for 10 min intervals, also. Same 10.110.0

Regards & many thanks for some new and interesting software.

George McCulley, WA6TVD

Washoe County, NV ARES

775.747.7345 Home

WA6TVD@...

3365. Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 18:18:04 UTC
From: ric5
Topic: 3363 Message: 3365

I just got setup listen every 10 mins
Rick Kd4jrx

From: George McCulley
Sent: Wednesday, October 02, 2013 2:00 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Rick: Hearing no beacon from you at this time.

My beacon is on for 10 min intervals, also. Same 10.110.0

Regards & many thanks for some new and interesting software.

George McCulley, WA6TVD

Washoe County, NV ARES

775.747.7345 Home

WA6TVD@ARRL.NET

3366. RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 18:35:32 UTC
From: Rick Muething
Topic: 3363 Message: 3366
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks George,

Propagation probably not possible on 10 MHz across the country during daylight. I will leave going overnight on 10.110.0 and see if we can hear each other.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of George McCulley
Sent: Wednesday, October 02, 2013 2:00 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Rick: Hearing no beacon from you at this time.

My beacon is on for 10 min intervals, also. Same 10.110.0

Regards & many thanks for some new and interesting software.

George McCulley, WA6TVD

Washoe County, NV ARES

775.747.7345 Home

WA6TVD@...

3367. Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 18:40:29 UTC
From: ric5
Topic: 3363 Message: 3367

Ok I'm transmitting a beacon Kd4jrx every 10 mins. I'm hearing another beacon also but not decoding it? Anyone else decoding or seeing mine?
Rick Kd4jrx FM14ab

From: ric5
Sent: Wednesday, October 02, 2013 2:18 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

I just got setup listen every 10 mins
Rick Kd4jrx

From: George McCulley
Sent: Wednesday, October 02, 2013 2:00 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Rick: Hearing no beacon from you at this time.

My beacon is on for 10 min intervals, also. Same 10.110.0

Regards & many thanks for some new and interesting software.

George McCulley, WA6TVD

Washoe County, NV ARES

775.747.7345 Home

WA6TVD@...

3368. RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 19:40:32 UTC
From: Rick Muething
Topic: 3363 Message: 3368
Attachments: 2 described; binary payloads are missing from this source WARC

Rick KD4JRX,

I am running a IC 7100 with 300 Hz narrow Receive filter and using its built in sound card. USB Dial is 10110.00 KHz. Not hearing anything yet or seeing any copy. May be better this evening.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of ric5
Sent: Wednesday, October 02, 2013 2:40 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Ok I'm transmitting a beacon Kd4jrx every 10 mins. I'm hearing another beacon also but not decoding it? Anyone else decoding or seeing mine?

Rick Kd4jrx FM14ab

From: ric5 <mailto:ric5@...>

Sent: Wednesday, October 02, 2013 2:18 PM

To: V4Protocol@yahoogroups.com

Subject: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

I just got setup listen every 10 mins

Rick Kd4jrx

From: George McCulley <mailto:wa6tvd@...>

Sent: Wednesday, October 02, 2013 2:00 PM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Rick: Hearing no beacon from you at this time.

My beacon is on for 10 min intervals, also. Same 10.110.0

Regards & many thanks for some new and interesting software.

George McCulley, WA6TVD

Washoe County, NV ARES

775.747.7345 Home

WA6TVD@...

3369. Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 20:23:51 UTC
From: ric5
Topic: 3363 Message: 3369

Hello Rick,

I'm working KN6KB in Fla having a lot of dropouts about 90% good print Rick on my end. Seems I lose the first few charters about every 3 or 4th time I transmit not sure why? Some maybe because of multipathing on HF. What you think Rick? I have not heard you so far ,maybe this evening I will listen up on or after gray line ok?
Ricky Kd4jrx

From: Rick Muething
Sent: Wednesday, October 02, 2013 3:40 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Rick KD4JRX,

I am running a IC 7100 with 300 Hz narrow Receive filter and using its built in sound card. USB Dial is 10110.00 KHz. Not hearing anything yet or seeing any copy. May be better this evening.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of ric5
Sent: Wednesday, October 02, 2013 2:40 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Ok I'm transmitting a beacon Kd4jrx every 10 mins. I'm hearing another beacon also but not decoding it? Anyone else decoding or seeing mine?

Rick Kd4jrx FM14ab

From: ric5

Sent: Wednesday, October 02, 2013 2:18 PM

To: V4Protocol@yahoogroups.com

Subject: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

I just got setup listen every 10 mins

Rick Kd4jrx

From: George McCulley

Sent: Wednesday, October 02, 2013 2:00 PM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Rick: Hearing no beacon from you at this time.

My beacon is on for 10 min intervals, also. Same 10.110.0

Regards & many thanks for some new and interesting software.

George McCulley, WA6TVD

Washoe County, NV ARES

775.747.7345 Home

WA6TVD@...

3370. RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 20:32:55 UTC
From: George McCulley
Topic: 3363 Message: 3370

Rick K6KB;

I will await darkness, also. Perhaps a different band tomorrow?

Comment: How about in the keyboard entry box having capability of CTL-A & DELete. I hate using a mouse to Clear All and then have to hit Space to confirm the OK button. I hate mouse work. This is a keyboarding program after all.

Thanks for listening.

Regards,

George, WA6TVD

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Wednesday, October 02, 2013 11:36 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Thanks George,

Propagation probably not possible on 10 MHz across the country during daylight. I will leave going overnight on 10.110.0 and see if we can hear each other.

Rick KN6KB

3371. Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 20:39:16 UTC
From: Tom Brown N4TAB
Topic: 3363 Message: 3371

Hi, Rick.

One issue, so far:

Flex 5K VAC functions well w/RMS Express and the Winmor TNC. Checked that before installing the new Chat4 client. Audio, CAT and XCVR control all function OK and I see decoded text from your station and a couple of others. When I transmit, however, at the end of my TX, I don't see the waterfall and nothing is decoded. I have to close and then reopen Chat4 to reestablish the waterfall. I checked again with RMS EXpress and it hasn't that issue. Chat4 exhibits the same behavior with a Bird load, so it's not an RF issue. Maybe a pointer gets lost in the TX-RX turnaround?

I'm gonna run a short session and send the logs from that.

Thanks and 73,

Tom N4TAB in NC

On 10/2/2013 12:05 PM, Rick Muething wrote:

All,

I have posted a new version (now with significantly more testing!!!) of the Chat program and the H4TNC (Implements the new HAM4 Protocol). This is available for download from the Yahoo V4Protocol group FTP or the Winlink user FTP
ftp://autoupdate.winlink.org/User%20Programs/

The new Chat program and H4TNC does NOT replace the prior V4Chat. It is a new program that uses a new (hopefully more robust with lower latency) modulation and coding scheme. The current version 0.1.1.0 is considered alpha code but appears very functional. Only the FEC (broadcast) protocol is included initially …later ARQ. If this proves to be robust and effective I plan to use it to replace the older V4 TNC. I may make a future version of Chat that would support both protocols but this is not in the current plans.

The new Chat also contains a limited beacon mode to help with initial testing. I have placed a HAM4 beacon “HAM4 Test Beacon de KN6KB [EL98pf] that will be sent approximately every 10 minutes on 10.110.0 USB DIAL. If you download and install the Chat program from above and set it up (help is included and updated). You should be able to hear/copy the beacon. You can also answer me with a reply if desired. I will be here most of the day but in and out. If you set up your own beacon please try and use this same frequency or frequency on another band. Please try and co ordinate beacon frequencies and use them sparingly. We don’t want to create an beacon interference.

My initial tests with the new coding scheme used in version 0.1.1.0 are very encouraging. I think the ARQ version will be equally good with higher robustness and easier operation. This new mode has very low latency (about 300 ms …faster than PSK31.)

I am having some problem with the autoupdate mechanism so this will require a full install (and uninstall of a previous version of Chat). Note: this is installed in a separate directory and shares no data with the earlier V4Chat.

73,

Rick Muething, KN6KB

3372. Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 20:42:37 UTC
From: Tom Brown N4TAB
Topic: 3363 Message: 3372

Rick,

UPDATE. Same problem with the two-tone Test. No RX after TX. Short Log files going direct

73,

Tom N4TAB

On 10/2/2013 4:39 PM, Tom Brown N4TAB wrote:

Hi, Rick.

One issue, so far:

Flex 5K VAC functions well w/RMS Express and the Winmor TNC. Checked that before installing the new Chat4 client. Audio, CAT and XCVR control all function OK and I see decoded text from your station and a couple of others. When I transmit, however, at the end of my TX, I don't see the waterfall and nothing is decoded. I have to close and then reopen Chat4 to reestablish the waterfall. I checked again with RMS EXpress and it hasn't that issue. Chat4 exhibits the same behavior with a Bird load, so it's not an RF issue. Maybe a pointer gets lost in the TX-RX turnaround?

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Thanks and 73,

Tom N4TAB in NC

On 10/2/2013 12:05 PM, Rick Muething wrote:

All,

I have posted a new version (now with significantly more testing!!!) of the Chat program and the H4TNC (Implements the new HAM4 Protocol). This is available for download from the Yahoo V4Protocol group FTP or the Winlink user FTP
ftp://autoupdate.winlink.org/User%20Programs/

The new Chat program and H4TNC does NOT replace the prior V4Chat. It is a new program that uses a new (hopefully more robust with lower latency) modulation and coding scheme. The current version 0.1.1.0 is considered alpha code but appears very functional. Only the FEC (broadcast) protocol is included initially …later ARQ. If this proves to be robust and effective I plan to use it to replace the older V4 TNC. I may make a future version of Chat that would support both protocols but this is not in the current plans.

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above and set it up (help is included and updated). You should be able to hear/copy the beacon. You can also answer me with a reply if desired. I will be here most of the day but in and out. If you set up your own beacon please try and use this same frequency or frequency on another band. Please try and co ordinate beacon frequencies and use them sparingly. We don’t want to create an beacon interference.

My initial tests with the new coding scheme used in version 0.1.1.0 are very encouraging. I think the ARQ version will be equally good with higher robustness and easier operation. This new mode has very low latency (about 300 ms …faster than PSK31.)

I am having some problem with the autoupdate mechanism so this will require a full install (and uninstall of a previous version of Chat). Note: this is installed in a separate directory and shares no data with the earlier V4Chat.

73,

Rick Muething, KN6KB

3373. Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 18:11:14 UTC
From: Don Poaps
Topic: 3363 Message: 3373

I'm on there as well. Band noise down RX up
I'm beaconing 10 or so until lunch time.

Don va7dgp

On Wednesday, October 2, 2013, George McCulley wrote:

> **
>
>
> Rick: Hearing no beacon from you at this time.****
>
> ** **
>
> My beacon is on for 10 min intervals, also. Same 10.110.0****
>
> ** **
>
> Regards & many thanks for some new and interesting software.****
>
> ** **
>
> *George McCulley, WA6TVD*****
>
> *Washoe County, NV ARES*****
>
> *775.747.7345 Home*****
>
> *WA6TVD@... <javascript:_e({}, 'cvml', 'WA6TVD@...');>*****
>
> ****
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3374. Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 19:02:57 UTC
From: Ron Wenig
Topic: 3363 Message: 3374

Hi Rick,

Not a bad chat for the first try. This is what I copied....

UUe??????DE KJRXW^(TM)??--'CDE KDJRX8lUWP??KD4JRX: ASCII(7bit);`The quhck
bro??n fox??jumped over th% lazy dog's fack. 0123456749DE
KD%JRX~??+p>1Y"??Q[e??Z(NY3J D... KD4JRX CPY??????u???NY3J DF KD4JRX
CPY????;oeN?? CPY U`WILL AT THIS`GOOD PRINT BTUYES I ZOULD SAY 80% TO
90 %`COPY ALSO RON`NAME IB RICK WATHA NC FM14 BTU

YES SUILL SOMF TWEEUING TO UO BUT A GOOD START FR SURE RON KS????.--{0
AGN AWN? DE KD4JRX AKN`AGN?
??,^R <??????????????????????u++????????????????d;???????????7??#5T6R>"??,Oh ????sCI saw
??is po??ting
I think teis is -- good start like u s--id i c??y abt ??0% ron`krig
??????e is vCIC????fK ICOM +000 THAT IS K_OD LUC^ ON UHF CODE
O??Z??{vs(WD0/00R????Ok Ro??Ctnx ????Dthe v4`chat ????re 30 ??trs ????st of 77 fro??
Od4jrx ZM14 sk????Z???RDE _U??JRX'????,yT??z??%7??q??????Q?"<

So maybe propogation not real good. I don't hear anything else yet.

73, Ron ny3j

On 10/2/2013 2:40 PM, ric5 wrote:
>
> Ok I'm transmitting a beacon Kd4jrx every 10 mins. I'm hearing another
> beacon also but not decoding it? Anyone else decoding or seeing mine?
> Rick Kd4jrx FM14ab
>
> *From:* ric5 <mailto:ric5@...>
> *Sent:* Wednesday, October 02, 2013 2:18 PM
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Subject:* Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the
> H4TNC uploaded to Yahoo FTP and Winlink FTP
>
> I just got setup listen every 10 mins
> Rick Kd4jrx
>
> *From:* George McCulley <mailto:wa6tvd@...>
> *Sent:* Wednesday, October 02, 2013 2:00 PM
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Subject:* RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the
> H4TNC uploaded to Yahoo FTP and Winlink FTP
>
> Rick: Hearing no beacon from you at this time.

>
> My beacon is on for 10 min intervals, also. Same 10.110.0
>
> Regards & many thanks for some new and interesting software.
>
> **George McCulley, WA6TVD**
>
> **Washoe County, NV ARES**
>
> **775.747.7345 Home**
>
> **WA6TVD@... <mailto:WA6TVD@...>**
>
>

3375. Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 20:11:53 UTC
From: Ron Wenig
Topic: 3363 Message: 3375

[The full message body has unrecoverable character-encoding damage in Yahoo's archived raw text. Yahoo's separately preserved message snippet follows.]

I thought I copied kn6kb better when I tuned the signal in the waterfall. I m not sure if the auto tune is working on my side. Strong signal but still lots of

3376. Monitoring 10,110.00 for Chat

Yahoo group: V4Protocol
Date: 2013-10-02 20:38:06 UTC
From: George McCulley
Topic: 3363 Message: 3376

Reno, NV.

George, WA6TVD

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of George McCulley
Sent: Wednesday, October 02, 2013 1:33 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Rick K6KB;

I will await darkness, also. Perhaps a different band tomorrow?

Comment: How about in the keyboard entry box having capability of CTL-A & DELete. I hate using a mouse to Clear All and then have to hit Space to confirm the OK button. I hate mouse work. This is a keyboarding program after all.

Thanks for listening.

Regards,

George, WA6TVD

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Wednesday, October 02, 2013 11:36 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Thanks George,

Propagation probably not possible on 10 MHz across the country during daylight. I will leave going overnight on 10.110.0 and see if we can hear each other.

Rick KN6KB

3377. Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 19:46:28 UTC
From: Ron Wenig
Topic: 3363 Message: 3377

Hi Guys,

I may have got you Ricks mixed up :-)

I think my sound card needs to be recalibrated. I copied Rick, kd4jtx
on dial frequency 10110 and Rick, kn6kb on dial frequency 10109.701. I
am not copying very well. I did copy the name Rick but not sure which
Rick I was talking to. Sorry for the mix up. This is what I copied on
10109.701.

HAM4 Ts('??R8--fcon de KN6KB, de KN6KB, Rockledge, FL
[EL98pf]WX72??%??~!??????DE KD%JRXZ????"?????????,=DE KD%JRX FM14 WATHA
NCHELLO RON??UU?P+,????+u have`sound card p??oblems ? u sa??? yes that
waht Im se??ing hete k10.109.69 MhzOh E oot sureCabt thft whe??U do u
??et theY" prog??m????????2??????????h??????Is it ok xmit`v4 qso`here?-'S(??kRon Iv
having the same he???? also`Is this a mix`mode ??art of`30 mrtets or a`CW
paa.t of the band?I here`a beac~n up o?? 110 v??ry ve???? strong just themn
d)d u cp?? it ? Ue Kd4jtx k

73, Ron ny3j

On 10/2/2013 3:40 PM, Rick Muething wrote:
>
> Rick KD4JRX,
>
> I am running a IC 7100 with 300 Hz narrow Receive filter and using its
> built in sound card. USB Dial is 10110.00 KHz. Not hearing anything
> yet or seeing any copy. May be better this evening.
>
> 73,
>
> Rick KN6KB
>
> *From:*V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
> *On Behalf Of *ric5
> *Sent:* Wednesday, October 02, 2013 2:40 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the
> H4TNC uploaded to Yahoo FTP and Winlink FTP
>
> Ok I'm transmitting a beacon Kd4jrx every 10 mins. I'm hearing another
> beacon also but not decoding it? Anyone else decoding or seeing mine?
>
> Rick Kd4jrx FM14ab
>

> *From:*ric5 <mailto:ric5@...>
>
> *Sent:*Wednesday, October 02, 2013 2:18 PM
>
> *To:*V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>
> *Subject:*Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the
> H4TNC uploaded to Yahoo FTP and Winlink FTP
>
> I just got setup listen every 10 mins
>
> Rick Kd4jrx
>
> *From:*George McCulley <mailto:wa6tvd@...>
>
> *Sent:*Wednesday, October 02, 2013 2:00 PM
>
> *To:*V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>
> *Subject:*RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the
> H4TNC uploaded to Yahoo FTP and Winlink FTP
>
> Rick: Hearing no beacon from you at this time.
>
> My beacon is on for 10 min intervals, also. Same 10.110.0
>
> Regards & many thanks for some new and interesting software.
>
> *George McCulley, WA6TVD*
>
> *Washoe County, NV ARES*
>
> *775.747.7345 Home*
>
> *WA6TVD@... <mailto:WA6TVD@...>*
>
>

3378. Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 18:48:03 UTC
From: Don Poaps
Topic: 3363 Message: 3378

I'm seeing gibberish on screen. Odd letter and numbers.

Don va7dgp

On Wednesday, October 2, 2013, ric5 wrote:

> **
>
>
> **
> Ok I'm transmitting a beacon Kd4jrx every 10 mins. I'm hearing another
> beacon also but not decoding it? Anyone else decoding or seeing mine?
> Rick Kd4jrx FM14ab
>
> *From:* ric5 <javascript:_e({}, 'cvml', 'ric5@...');>
> *Sent:* Wednesday, October 02, 2013 2:18 PM
> *To:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>
> *Subject:* Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the
> H4TNC uploaded to Yahoo FTP and Winlink FTP
>
>
>
> I just got setup listen every 10 mins
> Rick Kd4jrx
>
> *From:* George McCulley <javascript:_e({}, 'cvml', 'wa6tvd@att.net');>
> *Sent:* Wednesday, October 02, 2013 2:00 PM
> *To:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>
> *Subject:* RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the
> H4TNC uploaded to Yahoo FTP and Winlink FTP
>
>
>
> Rick: Hearing no beacon from you at this time.****
>
> ****
>
> My beacon is on for 10 min intervals, also. Same 10.110.0****
>
> ****
>
> Regards & many thanks for some new and interesting software.****

>
> ****
>
> *George McCulley, WA6TVD*****
>
> *Washoe County, NV ARES*****
>
> *775.747.7345 Home*****
>
> *WA6TVD@ARRL.NET <javascript:_e({}, 'cvml', 'WA6TVD@...');>*****
>
> ****
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3379. Am I supposed to see my xmit on the Session Text Box?

Yahoo group: V4Protocol
Date: 2013-10-02 21:09:24 UTC
From: George McCulley
Topic: 3363 Message: 3379

Here is Session Text Box after a BEACON and a Paste and Send CQ.

Session:

puheacon DE WA6TRD [gM09DJY

]q:

-----

mKLzTfQ CQ CQ""$b%xSWQ

-----

dLX[`>i^ii%Y8]2

Keyboard Entry:

TEST Beacon DE WA6TVD [DM09DJ]CQ CQ CQ CQ CQ DE WA6TVD

CQ CQ CQ CQ CQ DE WA6TVD [DM09DJ] K K KCQ CQ CQ CQ CQ DE WA6TVD

Regards, George, WA6TVD

3380. Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 21:43:38 UTC
From: ric5
Topic: 3363 Message: 3380

Ron that was you and I in QSO earlier this afternoon, Kd4jrx not KN6KB. Anyway I still firing away(beacon mode) on 10.110Mhz with 30 watts and a 30 meter inverted V wire antenna at 50 feet.
I will go by Ricky Kd4jrx how's that . See If that helps Ron.
Ricky Kd4jrx FM14ab

From: Ron Wenig
Sent: Wednesday, October 02, 2013 3:46 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Hi Guys,

I may have got you Ricks mixed up :-)

I think my sound card needs to be recalibrated. I copied Rick, kd4jtx on dial frequency 10110 and Rick, kn6kb on dial frequency 10109.701. I am not copying very well. I did copy the name Rick but not sure which Rick I was talking to. Sorry for the mix up. This is what I copied on 10109.701.

HAM4 Ts'×R8-fcon de KN6KB, de KN6KB, Rockledge, FL [EL98pf]□WX72Â%æ~!¡ÎÍDE KD%JRX□Z¸Ö"□□þßÆÏ‚=DE KD%JRX FM14 WATHA NC□□HELLO RON□©UU□P?‚¾ò?u have`sound card p±oblems ? u sa¹? yes that waht Im seåing hete k□10.109.69 Mhz□Oh E oot sureCabt thft wheôU do u §et theY progÁmÿ□æÂÃ2³¬íò¡hâç§Is it ok xmit`v4 qso`here?□-'SÛkRon Iv having the same he±å also`□Is this a mix`mode °art of`30 mrtets or a`CW paa.t of the band?□I here`a beac~n up o 110 våry ve±¹ strong just themn d)d u cp¹ it ? Ue Kd4jtx k□

73, Ron ny3j

On 10/2/2013 3:40 PM, Rick Muething wrote:

Rick KD4JRX,

I am running a IC 7100 with 300 Hz narrow Receive filter and using its built in sound card. USB Dial is 10110.00 KHz. Not hearing anything yet or seeing any copy. May be better this evening.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of ric5
Sent: Wednesday, October 02, 2013 2:40 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo

FTP and Winlink FTP

Ok I'm transmitting a beacon Kd4jrx every 10 mins. I'm hearing another beacon also but not decoding it? Anyone else decoding or seeing mine?

Rick Kd4jrx FM14ab

From: ric5

Sent: Wednesday, October 02, 2013 2:18 PM

To: V4Protocol@yahoogroups.com

Subject: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

I just got setup listen every 10 mins

Rick Kd4jrx

From: George McCulley

Sent: Wednesday, October 02, 2013 2:00 PM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Rick: Hearing no beacon from you at this time.

My beacon is on for 10 min intervals, also. Same 10.110.0

Regards & many thanks for some new and interesting software.

George McCulley, WA6TVD

Washoe County, NV ARES

775.747.7345 Home

WA6TVD@...

3381. Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 21:48:24 UTC
From: Hoby KK8G
Topic: 3363 Message: 3381

Band not very good today.
Did get a partial from KD4JRX HFEC F (once B) FM14 WATHA NC, at least that's the best print I got on those. Got some from central Georgia. Looks like I got KD4JRX calling Rick and asking how the copy was.
73
Hoby KK8G MI EN62
----- Original Message -----
From: ric5
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 02, 2013 2:18 PM
Subject: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

I just got setup listen every 10 mins
Rick Kd4jrx

From: George McCulley

3382. RE: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 22:57:28 UTC
From: <w4web@...>
Topic: 3363 Message: 3382

Where is the latest file? (0.1.1.0) I haven't been able to find it?
Thanks,
Dick

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Band not very good today.

Did get a partial from KD4JRX HFEC F (once B) FM14 WATHA NC, at least that's the best print I got on those. Got some from central Georgia. Looks like I got KD4JRX calling Rick and asking how the copy was.

73

Hoby KK8G MI EN62

----- Original Message -----

From: ric5

To: V4Protocol@yahoogroups.com

Sent: Wednesday, October 02, 2013 2:18 PM

Subject: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

I just got setup listen every 10 mins

Rick Kd4jrx

From: George McCulley

3383. RE: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 23:04:03 UTC
From: <w4web@...>
Topic: 3363 Message: 3383

I found it - now to get it installed - thanks Hoby

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Band not very good today.

Did get a partial from KD4JRX HFEC F (once B) FM14 WATHA NC, at least that's the best print I got on those. Got some from central Georgia. Looks like I got KD4JRX calling Rick and asking how the copy was.

73

Hoby KK8G MI EN62

----- Original Message -----

From: ric5

To: V4Protocol@yahoogroups.com

Sent: Wednesday, October 02, 2013 2:18 PM

Subject: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

I just got setup listen every 10 mins

Rick Kd4jrx

From: George McCulley

3384. RE: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 23:21:23 UTC
From: Steve Michaels
Topic: 3363 Message: 3384

When I hear a signal, all I print is garbage. When I try the decode test,
I get nothing but garbage. Must be doing something wrong...

de N4AY

3385. Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 23:24:20 UTC
From: Ron Wenig
Topic: 3363 Message: 3385

I saw your signal with some errors. I don't think you copied my
replies. Here's your text.

N4AY>??#??^B}SCII(7bit); The quick brown fox jumped over the lazy dog's
back. 0123456789N4AY: ASCII(Latin-1); EUR, ??, ??, ??, ??, ????????"??????????????????C
73, Ron ny3j

On 10/2/2013 7:21 PM, Steve Michaels wrote:
> When I hear a signal, all I print is garbage. When I try the decode
> test, I get nothing but garbage. Must be doing something wrong...
>
> de N4AY
>

3386. Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 23:28:37 UTC
From: Ron Wenig
Topic: 3363 Message: 3386

Hi Ricky,

Yep, I saw enough of your text to make out what you were saying. I also saw Rick's beacon and I thought I copied text from him and he said he had a phone call. Hopefully the band gets better.

Ron ny3j

On 10/2/2013 5:43 PM, ric5 wrote:
>
> Ron that was you and I in QSO earlier this afternoon, Kd4jrx not
> KN6KB. Anyway I still firing away(beacon mode) on 10.110Mhz with 30
> watts and a 30 meter inverted V wire antenna at 50 feet.
> I will go by Ricky Kd4jrx how's that . See If that helps Ron.
> Ricky Kd4jrx FM14ab
>
> *From:* Ron Wenig <mailto:rwenig@...>
> *Sent:* Wednesday, October 02, 2013 3:46 PM
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Subject:* Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the
> H4TNC uploaded to Yahoo FTP and Winlink FTP
>
> Hi Guys,
>
> I may have got you Ricks mixed up :-)
>
> I think my sound card needs to be recalibrated. I copied Rick, kd4jtx
> on dial frequency 10110 and Rick, kn6kb on dial frequency 10109.701.
> I am not copying very well. I did copy the name Rick but not sure
> which Rick I was talking to. Sorry for the mix up. This is what I
> copied on 10109.701.
>
> HAM4 Ts('??R8--fcon de KN6KB, de KN6KB, Rockledge, FL
> [EL98pf]WX72??%??~!??????DE KD%JRXZ????"?????????,=DE KD%JRX FM14 WATHA
> NCHELLO RON??UU?P+,????+u have`sound card p??oblems ? u sa??? yes that
> waht Im se??ing hete k10.109.69 MhzOh E oot sureCabt thft whe??U do u
> ??et theY" prog??m????????2??????????h??????Is it ok xmit`v4 qso`here?-'S(??kRon
> Iv having the same he???? also`Is this a mix`mode ??art of`30 mrtets or
> a`CW paa.t of the band?I here`a beac~n up o?? 110 v??ry ve???? strong
> just themn d)d u cp?? it ? Ue Kd4jtx k
>
> 73, Ron ny3j
>
> On 10/2/2013 3:40 PM, Rick Muething wrote:

>>
>> Rick KD4JRX,
>>
>> I am running a IC 7100 with 300 Hz narrow Receive filter and using
>> its built in sound card. USB Dial is 10110.00 KHz. Not hearing
>> anything yet or seeing any copy. May be better this evening.
>>
>> 73,
>>
>> Rick KN6KB
>>
>> *From:*V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
>> *On Behalf Of *ric5
>> *Sent:* Wednesday, October 02, 2013 2:40 PM
>> *To:* V4Protocol@yahoogroups.com
>> *Subject:* Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the
>> H4TNC uploaded to Yahoo FTP and Winlink FTP
>>
>> Ok I'm transmitting a beacon Kd4jrx every 10 mins. I'm hearing
>> another beacon also but not decoding it? Anyone else decoding or
>> seeing mine?
>>
>> Rick Kd4jrx FM14ab
>>
>> *From:*ric5 <mailto:ric5@...>
>>
>> *Sent:*Wednesday, October 02, 2013 2:18 PM
>>
>> *To:*V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>>
>> *Subject:*Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the
>> H4TNC uploaded to Yahoo FTP and Winlink FTP
>>
>> I just got setup listen every 10 mins
>>
>> Rick Kd4jrx
>>
>> *From:*George McCulley <mailto:wa6tvd@...>
>>
>> *Sent:*Wednesday, October 02, 2013 2:00 PM
>>
>> *To:*V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>>
>> *Subject:*RE: [V4Protocol] New Full install 0.1.1.0 for Chat and the
>> H4TNC uploaded to Yahoo FTP and Winlink FTP
>>
>> Rick: Hearing no beacon from you at this time.
>>
>> My beacon is on for 10 min intervals, also. Same 10.110.0
>>

>> Regards & many thanks for some new and interesting software.
>>
>> *George McCulley, WA6TVD*
>>
>> *Washoe County, NV ARES*
>>
>> *775.747.7345 Home*
>>
>> *WA6TVD@... <mailto:WA6TVD@...>*
>>
>
>

3387. Re: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 23:33:21 UTC
From: Bastress, David G
Topic: 3363 Message: 3387

GE All,

Downloaded latest after I got home from work (5PM). Since then I have heard and decoded a number of KN6NB's beacon calls, NY3J calling N4AY, a number of quick brown foxes ...., several of W4WEBs tests and something about "PEST DE N4AY".

Thought you guys would like to know you are being heard in Ohio EM89cv.

Dave K3GAU

On Wed, Oct 2, 2013 at 7:21 PM, Steve Michaels <panamasteve@...>wrote:

> **
>
>
> When I hear a signal, all I print is garbage. When I try the decode test,
> I get nothing but garbage. Must be doing something wrong...
>
> de N4AY
>
>
>

3388. Re: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-02 23:56:28 UTC
From: Hoby KK8G
Topic: 3363 Message: 3388

Also getting good print from NY3J here is SW MI.
Only station printed so far.
Looking for you Dick.
Hoby KK8G

----- Original Message -----
From: Bastress, David G
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 02, 2013 7:33 PM
Subject: Re: Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

GE All,

Downloaded latest after I got home from work (5PM). Since then I have heard and decoded a number of KN6NB's beacon calls, NY3J calling N4AY, a number of quick brown foxes ...., several of W4WEBs tests and something about "PEST DE N4AY".

Thought you guys would like to know you are being heard in Ohio EM89cv.

Dave K3GAU

On Wed, Oct 2, 2013 at 7:21 PM, Steve Michaels <panamasteve@...> wrote:

When I hear a signal, all I print is garbage. When I try the decode test, I get nothing but garbage. Must be doing something wrong...

de N4AY

3389. Slow posting of H4TNC messages

Yahoo group: V4Protocol
Date: 2013-10-03 00:19:02 UTC
From: <w4jle@...>
Topic: 3389 Message: 3389

The spam filter is grabbing the messages that contain strings of characters in your posts. It requires we go in and allow each to be posted. Those posting H4TNC data, please be patient if your post does not appear right away. We will get to them as rapidly as possible.

Fred W4JLE
Moderator

3390. Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-03 00:15:58 UTC
From: Ron Wenig
Topic: 3363 Message: 3390

Hi Hoby,

I am starting to copy kn6kb's beacon without errors so maybe the band is coming around.

Ron ny3j

On 10/2/2013 7:56 PM, Hoby KK8G wrote:
>
> Also getting good print from NY3J here is SW MI.
> Only station printed so far.
> Looking for you Dick.
> Hoby KK8G
>
> ----- Original Message -----
> *From:* Bastress, David G <mailto:bastress@...>
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Wednesday, October 02, 2013 7:33 PM
> *Subject:* Re: Re: [V4Protocol] New Full install 0.1.1.0 for Chat
> and the H4TNC uploaded to Yahoo FTP and Winlink FTP
>
> GE All,
> Downloaded latest after I got home from work (5PM). Since then I
> have heard and decoded a number of KN6NB's beacon calls, NY3J
> calling N4AY, a number of quick brown foxes ...., several of
> W4WEBs tests and something about "PEST DE N4AY".
> Thought you guys would like to know you are being heard in Ohio
> EM89cv.
> Dave K3GAU
>
> On Wed, Oct 2, 2013 at 7:21 PM, Steve Michaels
> <panamasteve@... <mailto:panamasteve@...>> wrote:
>
> When I hear a signal, all I print is garbage. When I try the
> decode test, I get nothing but garbage. Must be doing
> something wrong...
>
> de N4AY
>
>
>

3391. Re: [V4Protocol] Slow posting of H4TNC messages

Yahoo group: V4Protocol
Date: 2013-10-03 00:31:47 UTC
From: Ron Wenig
Topic: 3389 Message: 3391

Hi Fred,

Sorry for creating the extra work. That makes sense with the random text that was sent. Thanks for passing along that information and thanks for doing the moderator's job.

73, Ron ny3j

On 10/2/2013 8:19 PM, w4jle@... wrote:
>
> The spam filter is grabbing the messages that contain strings of
> characters in your posts. It requires we go in and allow each to be
> posted. Those posting H4TNC data, please be patient if your post does
> not appear right away. We will get to them as rapidly as possible.
>
> Fred W4JLE
> Moderator
>
>

3392. Re: [V4Protocol] New Full install 0.1.1.0 for Chat and the H4TNC uploaded to Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-10-03 01:45:59 UTC
From: Jack Swift
Topic: 3363 Message: 3392

i copied this (with come crap removed) in en57rc:

HAM4 Test Beacon de KN6KB, FL [EL98pf

K1DOW: UTF-8; Unicode string

Delta (), Lambda
and Sigma (
K1DOW: ASCII

HAM4 Test B

de KN6KB, Rockledge, FL [EL98pf

de KN6KB, Roc FL [EL98pf]

CQ CQ CQ de K1DOW K1DOWCQ CQ CQ de K1DOW K1DOWCQ CQ CQ de K1DOW K1DOWpse K

On Wed, Oct 2, 2013 at 4:42 PM, Tom Brown N4TAB <n4tab@...> wrote:

>
>
> Rick,
>
> UPDATE. Same problem with the two-tone Test. No RX after TX. Short Log
> files going direct
>
> 73,
>
> Tom N4TAB
> ------------------------------
>
>
> On 10/2/2013 4:39 PM, Tom Brown N4TAB wrote:
>
> Hi, Rick.
>
> One issue, so far:
>
> Flex 5K VAC functions well w/RMS Express and the Winmor TNC. Checked that
> before installing the new Chat4 client. Audio, CAT and XCVR control all
> function OK and I see decoded text from your station and a couple of
> others. When I transmit, however, at the end of my TX, I don't see the
> waterfall and nothing is decoded. I have to close and then reopen Chat4 to
> reestablish the waterfall. I checked again with RMS EXpress and it hasn't
> that issue. Chat4 exhibits the same behavior with a Bird load, so it's not

> an RF issue. Maybe a pointer gets lost in the TX-RX turnaround?
>
> I'm gonna run a short session and send the logs from that.
>
> Thanks and 73,
>
> Tom N4TAB in NC
> ------------------------------
>
> On 10/2/2013 12:05 PM, Rick Muething wrote:
>
>
>
> All,****
>
> ** **
>
> I have posted a new version (now with significantly more testing!!!) of
> the Chat program and the H4TNC (Implements the new HAM4 Protocol). This
> is available for download from the Yahoo V4Protocol group FTP or the
> Winlink user FTP ftp://autoupdate.winlink.org/User%20Programs/ ****
>
> ** **
>
> The new Chat program and H4TNC does NOT replace the prior V4Chat. It is a
> new program that uses a new (hopefully more robust with lower latency)
> modulation and coding scheme. The current version 0.1.1.0 is considered
> alpha code but appears very functional. Only the FEC (broadcast) protocol
> is included initially …later ARQ. If this proves to be robust and effective
> I plan to use it to replace the older V4 TNC. I may make a future version
> of Chat that would support both protocols but this is not in the current
> plans.****
>
> ** **
>
> The new Chat also contains a limited beacon mode to help with initial
> testing. I have placed a HAM4 beacon “HAM4 Test Beacon de KN6KB [EL98pf]
> that will be sent approximately every 10 minutes on 10.110.0 USB DIAL. If
> you download and install the Chat program from above and set it up (help is
> included and updated). You should be able to hear/copy the beacon. You can
> also answer me with a reply if desired. I will be here most of the day but
> in and out. If you set up your own beacon please try and use this same
> frequency or frequency on another band. Please try and co ordinate beacon
> frequencies and use them sparingly. We don’t want to create an beacon
> interference. ****
>
> ** **
>
> My initial tests with the new coding scheme used in version 0.1.1.0 are
> very encouraging. I think the ARQ version will be equally good with higher

> robustness and easier operation. This new mode has very low latency (about
> 300 ms …faster than PSK31.)****
>
> ** **
>
> I am having some problem with the autoupdate mechanism so this will
> require a full install (and uninstall of a previous version of Chat).
> Note: this is installed in a separate directory and shares no data with the
> earlier V4Chat. ****
>
> ** **
>
> 73,****
>
> ** **
>
> Rick Muething, KN6KB****
>
> ** **
>
>
>
>
>
>
>

--
vvvvvvvvvvvvvvvvvvvvvvv
Jack Swift, N8WAV
105 E. Douglass Ave.
Houghton, MI 49931
906-281-5300
EN57rc
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

3393. Vedr.: [V4Protocol] Slow posting of H4TNC messages

Yahoo group: V4Protocol
Date: 2013-10-03 12:19:59 UTC
From: Finn O
Topic: 3393 Message: 3393

Thanks for ur info Fred.
Finn LA7UM

Den tor. 3. okt. 2013 02:19 CEST skrev w4jle@...:

>
>
>The spam filter is grabbing the messages that contain strings of characters in your posts. It requires we go in and allow each to be posted. Those posting H4TNC data, please be patient if your post does not appear right away. We will get to them as rapidly as possible. Fred W4JLE Moderator
>

3394. RE: Ham4 Chat

Yahoo group: V4Protocol
Date: 2013-10-03 12:57:17 UTC
From: Rick Muething
Topic: 3394 Message: 3394

Lee, All,

Thanks for the feedback. Here is what I know so far:

1) There is definitely a problem (which I now can duplicate here using "RF across the desk") where the auto tune DSP code is not working correctly. This is supposed to capture the sync symbol (sent initially and then again after every 7 printing characters. It seems to copy OK but only when exactly on (+/- a few Hz) the correct frequency..The algorithm (which is similar to and does work for V4) should auto tune to better than 1 Hz. (note this does not try and tune the radio.radios are way too slow for that.this offsets the DSP tone decoders so the decoders lie right on top of the 4 FSK tones) I will look into this but I have a busy day today so can't promise any success.

2) Your comment on the lead could be an issue on some setups. If the first sync character is missed it won't sync until the next one (7 printable characters later). For those using PTT keying (radios that support CAT PTT control or direct serial RTS DTR keying) that won't be a problem.But radios using VOX (or using sound cards that are "vox like" similar to the Rigblaster and SignaLink) this could be an issue and may require the addition of an initial pilot tone (not a sync character) to trigger the VOX. In this HAM4 protocol the sync "character" is really very special and efficient. It provides these important functions:

a. The sync provides a completely different amplitude and frequency profile so it is easily detectable from normal 4FSK symbols.

b. The sync provides the information (once every 1024 ms) on how to tune to less than 1 Hz error. This provides tracking and quick re sync. (When I get it to work!!)

c. The sync provides the information on how to establish accurate symbol and character framing.

3) In simulator testing I can copy the signal well into the negative S/N range (- 5 dB or lower) but my HF simulator cannot do any significant frequency offset (tuning) so this tuning issue will have to be tested using RF.

I have already had a few requests for features but at this alpha stage it is VERY important to keep the priorities in mind:

1) Fix the basic protocol.things like tuning, Keying, etc. FIRST If these aren't right more features won't help anyone

2) Provide good documentation..This is a significant task in itself and takes a lot of time. Get in the habit of reading the help. Make suggestions as to what is not clear or what else is needed. Although we all joke about "RTFM" if there is good documentation it saves a lot of time with questions that have already been answered.

3) Radio and sound card support. It takes a lot of time to write and test radio drivers and verify sound cards and it is not possible (with a part time 1 man programming effort) to support everything. But we want to add support for the new radios and other popular radios. (The IC-7100 is a good example.I just added this and it is a great little radio with a built in sound card that makes sound card modes really "plug and play")

4) Add the features where they make sense and provide value. The ARQ mode is tops on my list and I have started working on it but I am sure you all have other as well.

I'll leave the beacon on today if I can but I am not sure I will get answers to 1 and 2 in the next couple of days.

73 and thanks for the feedback and support.

Rick KN6KB

From: Lee Swanson [mailto:nr5g@...]
Sent: Wednesday, October 02, 2013 8:09 PM
To: rmuething@...; billw81@...
Subject: Ham4 Chat

I haven't got a debug file for you yet but trying to. My first gut feeling is that there is some decoding issues. I was hearing a couple of strong stations with what appeared to good clean audio and printing nothing but garbage. On the other hand I have copied some beacons from a 4 station that was "hit and miss"....

I am not the expert here but I get the feeling that the program does not get off on the right foot when attempting to decode a station that has just started transmitting. It's like on the receiving end the radio does not have much of a "lead" in order to purge the receiver and get it to start copying. I recall in amtor FEC and Pactor FEC as soon as you went into transmit the signal would go into an idle mode. My hunch was that idling was enought to get the receiving end on track prior to any valid data being passed. So I wonder if in the Ham4 FEC mode, is the receiving end not getting a fair chance to purge prior to good copy?

Oh and the main text screen still jumps up and down when receiving incoming signals.

The new coding sounds like it has possibilities. Definitely a different sound from V4chat..

Nice work Rick, you dah MAN!!

73
Lee NR5G (now relocated in Georgia)

3395. Heard on 10.110

Yahoo group: V4Protocol
Date: 2013-10-03 15:20:10 UTC
From: wb0kgn@...
Topic: 3395 Message: 3395

¿ƒ"gšŽcon de KN6KB, V•…a¢□“KB, Rockledge, FL [EL98p¦Í²à2,—Q?

Dave in Minnesota
wb0kgn

3396. Beaconing locator

Yahoo group: V4Protocol
Date: 2013-10-03 17:42:48 UTC
From: <bob.thornton@...>
Topic: 3396 Message: 3396

I have the option to send locator checked and have been beaconing for a short while on 10110.00 to see if there is any European activity. I noticed that the FIRST beacon transmission is preceded by the locator (IO91og), but subsequent transmissions are not. Easily worked around by editing the beacon message to the format that you have used

Bob

G3WKW

3397. RE: [V4Protocol] Beaconing locator

Yahoo group: V4Protocol
Date: 2013-10-03 17:47:58 UTC
From: Rick Muething
Topic: 3396 Message: 3397
Attachments: 2 described; binary payloads are missing from this source WARC

Bob, The beacon text doesn’t automatically repeat the locator….it sends whatever is on that beacon text text box.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@...m] On Behalf Of bob.thornton@...
Sent: Thursday, October 03, 2013 1:43 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Beaconing locator

I have the option to send locator checked and have been beaconing for a short while on 10110.00 to see if there is any European activity. I noticed that the FIRST beacon transmission is preceded by the locator (IO91og), but subsequent transmissions are not. Easily worked around by editing the beacon message to the format that you have used

Bob

G3WKW

3398. RE: Heard on 10.110

Yahoo group: V4Protocol
Date: 2013-10-03 22:58:45 UTC
From: <bob.thornton@...>
Topic: 3395 Message: 3398

at 2255 copied

KN6KB, deKN6KB, Rockledge,ZLÜ [EL98pf]

in IO91og UK

Bob

G3WKW

---In v4protocol@yahoogroups.com, <wb0kgn@...> wrote:

¿ƒ"gšŽcon de KN6KB, V•…a¢□“KB, Rockledge, FL [EL98p¦Í²à2,—Q?

Dave in Minnesota
wb0kgn

3399. RE: Heard on 10.110

Yahoo group: V4Protocol
Date: 2013-10-03 23:28:56 UTC
From: <bob.thornton@...>
Topic: 3395 Message: 3399

Heard at 2325

[¶*Ëì³7n;!J³„□est Beacon de KN6KB, kledge, FL [EL98pf]□ì

Bob
G3WKW

---In v4protocol@yahoogroups.com, <bob.thornton@...> wrote:

at 2255 copied

KN6KB, deKN6KB, Rockledge,ZLÜ [EL98pf]

in IO91og UK

Bob

G3WKW

---In v4protocol@yahoogroups.com, <wb0kgn@...> wrote:

¿f"gšŽcon de KN6KB, V•…a¢□“KB, Rockledge, FL [EL98p¦Í²à2,—Q?

Dave in Minnesota
wb0kgn

3400. 10.110

Yahoo group: V4Protocol
Date: 2013-10-03 23:34:09 UTC
From: David Michael Gaytko // WD4KPD
Topic: 3400 Message: 3400

what in the heck is that wideband signal covering 10.110.....for sure
not a good freq here in NC.

david/wd4kpd

--
-- But when a long train of abuses and usurpations, pursuing invariably
the same Object evinces a design to reduce them under absolute
Despotism, it is their right, it is their duty, to throw off such
Government, and to provide new Guards for their future security. --

3401. Re: 10.110

Yahoo group: V4Protocol
Date: 2013-10-03 23:36:42 UTC
From: Andrew O'Brien
Topic: 3400 Message: 3401

US Navy, encrypted RTTY. It ID's in the clear every now and again just to tease us.
Andy K3UK

3402. 10.110

Yahoo group: V4Protocol
Date: 2013-10-03 23:54:23 UTC
From: David Michael Gaytko // WD4KPD
Topic: 3400 Message: 3402

bits and pieces of W4WEB.

my beacon every 10min on 10.110 85w to vert.

david/wd4kpd

--
-- But when a long train of abuses and usurpations, pursuing invariably
the same Object evinces a design to reduce them under absolute
Despotism, it is their right, it is their duty, to throw off such
Government, and to provide new Guards for their future security. --

3403. 10.110 N6KZB

Yahoo group: V4Protocol
Date: 2013-10-04 00:01:40 UTC
From: <mikeaburton@...>
Topic: 3403 Message: 3403

XE2/N6KZB LOOKING

3404. 10.110

Yahoo group: V4Protocol
Date: 2013-10-04 00:07:28 UTC
From: David Michael Gaytko // WD4KPD
Topic: 3400 Message: 3404

more bits and pieces of KN6KB in FL.

david/wd4kpd

--
-- But when a long train of abuses and usurpations, pursuing invariably
the same Object evinces a design to reduce them under absolute
Despotism, it is their right, it is their duty, to throw off such
Government, and to provide new Guards for their future security. --

3405. RE: 10.110

Yahoo group: V4Protocol
Date: 2013-10-04 00:19:44 UTC
From: <mikeaburton@...>
Topic: 3400 Message: 3405

Nice copy on KN6KB signal from Baja MX Mike de xe2/n6kzb

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

more bits and pieces of KN6KB in FL.

david/wd4kpd

--
-- But when a long train of abuses and usurpations, pursuing invariably the same Object evinces a design to reduce them under absolute Despotism, it is their right, it is their duty, to throw off such Government, and to provide new Guards for their future security. --

3406. Re: [V4Protocol] 10.110 N6KZB

Yahoo group: V4Protocol
Date: 2013-10-04 00:39:02 UTC
From: Bastress, David G
Topic: 3403 Message: 3406

GE ALL,

I am hearing you sometimes XE2/N6KZB. Also heard beacon from K7EK in western WA and of course KN6KB in FL. Rick is the loudest here in western Ohio.

Dave K3GAU
On Oct 3, 2013 8:01 PM, <mikeaburton@...> wrote:

> **
>
>
> XE2/N6KZB LOOKING
>
>

3407. Re: [V4Protocol] RE: 10.110

Yahoo group: V4Protocol
Date: 2013-10-04 00:46:59 UTC
From: Hoby KK8G
Topic: 3400 Message: 3407

Getting XE2/N6KZB (on V4?) parts of KN6KB and WD4KPD, good print on AA1CZ.
Going to start my beacon for an hour or so.
Hoby KK8G

----- Original Message -----
From: mikeaburton@...
To: V4Protocol@yahoogroups.com
Sent: Thursday, October 03, 2013 8:19 PM
Subject: [V4Protocol] RE: 10.110

Nice copy on KN6KB signal from Baja MX Mike de xe2/n6kzb

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

more bits and pieces of KN6KB in FL.

david/wd4kpd

--
-- But when a long train of abuses and usurpations, pursuing invariably
the same Object evinces a design to reduce them under absolute
Despotism, it is their right, it is their duty, to throw off such
Government, and to provide new Guards for their future security. --

3408. Re: [V4Protocol] RE: 10.110

Yahoo group: V4Protocol
Date: 2013-10-04 01:50:40 UTC
From: ric5
Topic: 3400 Message: 3408

I have a very strong motor data transmission running on 10.110 over here S/8 to S/9 !

What was this I just half way copied on 10.110 ?

WK62TC HOME OF THE DEA ??

Rick Kd4jrx FM14

□

3409. Re: [V4Protocol] Heard on 10.110

Yahoo group: V4Protocol
Date: 2013-10-04 02:07:50 UTC
From: Don Poaps
Topic: 3395 Message: 3409

Wide band signal...Not Packet or Pactor...

e?!moa? ???fQN?
l?Z?U~m??f*_?Bqqw?f??=y&??R??oye????9?Z?~u?eF7???q?\M?}?S????□??P??????"??@??
.?A jrw%????????+y?V9?Q9Y?????Z???~WW

Don va7dgp

On Thu, Oct 3, 2013 at 8:20 AM, <wb0kgn@...> wrote:

> **
>
>
> ¿ƒ"gšŽcon de KN6KB, V•…a¢ “KB, Rockledge, FL [EL98p¦Í²à2,—Q?
>
> Dave in Minnesota
> wb0kgn
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3410. RE: Re: [V4Protocol] Heard on 10.110

Yahoo group: V4Protocol
Date: 2013-10-04 02:16:31 UTC
From: <mikeaburton@...>
Topic: 3395 Message: 3410

[The full message body has unrecoverable character-encoding damage in Yahoo's archived raw text. Yahoo's separately preserved message snippet follows.]

Trying and hearing some H4, a few FEC frames decoded. de xe2./n6kzb ---In V4Protocol@yahoogroups.com, wrote: Wide band

3411. RE: RE: Re: [V4Protocol] Heard on 10.110

Yahoo group: V4Protocol
Date: 2013-10-04 02:17:16 UTC
From: <mikeaburton@...>
Topic: 3395 Message: 3411

[The full message body has unrecoverable character-encoding damage in Yahoo's archived raw text. Yahoo's separately preserved message snippet follows.]

Heard I think a KU4 J ??? 30 meters noisy for me. ---In V4Protocol@yahoogroups.com, wrote:
Trying and hearing some H4, a few FEC

3412. beacon reception

Yahoo group: V4Protocol
Date: 2013-10-04 03:06:58 UTC
From: wb0kgn@...
Topic: 3412 Message: 3412

Beacon de KN6KB, de KN6KB, Rockledge, FL [EL98pf]
wb0kgn in southern Minnesota

3413. beacon kn6kb

Yahoo group: V4Protocol
Date: 2013-10-04 03:58:01 UTC
From: wb0kgn@...
Topic: 3413 Message: 3413

YHAM4 Test Beacon de KN6KB, de KN6KB, Rockledge, FL [EL98pf]

0357 Z

wbokgn
southern mn

3414. Brief contact with w4web

Yahoo group: V4Protocol
Date: 2013-10-04 12:29:54 UTC
From: <mikeaburton@...>
Topic: 3414 Message: 3414

10.110 band weak but copied call from Florida.

Thanks OM

3415. RE: [V4Protocol] RE: Heard on 10.110

Yahoo group: V4Protocol
Date: 2013-10-04 13:16:09 UTC
From: Rick Muething
Topic: 3395 Message: 3415
Attachments: 2 described; binary payloads are missing from this source WARC

Bob, All,

Thanks for the reports. The main problem is that the H4TNC auto tuning/tracking code is not working correctly and that means it requires near perfect (+/- a few Hz) tuning. I am working on that code (already found a couple of minor bugs) and hope to get something out this weekend. Once that is fixed it should be easier to evaluate.

Of course error free transmission will require the full ARQ version but I want to get the basic FEC mode working first.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of bob.thornton@...
Sent: Thursday, October 03, 2013 6:59 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: Heard on 10.110

at 2255 copied

KN6KB, deKN6KB, Rockledge,ZLÜ [EL98pf]

in IO91og UK

Bob

G3WKW

---In v4protocol@yahoogroups.com, <wb0kgn@...> wrote:

¿ƒ"gšŽcon de KN6KB, V•…a¢□“KB, Rockledge, FL [EL98p¦Í²à2,—Q?

Dave in Minnesota

wb0kgn

3416. RE: RE: [V4Protocol] RE: Heard on 10.110

Yahoo group: V4Protocol
Date: 2013-10-04 14:54:13 UTC
From: <bob.thornton@...>
Topic: 3395 Message: 3416

I spent some time listening at 10.000 MHz to work out my tuning error and compensated for it, that may help a bit, but it was only 10Hz in my case, though it sounds as if that would stop it at present. Look forward to seeing a version with that defect corrected.

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Bob, All,

Thanks for the reports. The main problem is that the H4TNC auto tuning/tracking code is not working correctly and that means it requires near perfect (+/- a few Hz) tuning. I am working on that code (already found a couple of minor bugs) and hope to get something out this weekend. Once that is fixed it should be easier to evaluate.

Of course error free transmission will require the full ARQ version but I want to get the basic FEC mode working first.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of bob.thornton@...
Sent: Thursday, October 03, 2013 6:59 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: Heard on 10.110

at 2255 copied

KN6KB, deKN6KB, Rockledge,ZLÜ [EL98pf]

in IO91og UK

Bob

G3WKW

---In v4protocol@yahoogroups.com, <wb0kgn@...> wrote:
¿ƒ"gšŽcon de KN6KB, V•…a¢□“KB, Rockledge, FL [EL98p¦Í²à2,—Q?

Dave in Minnesota
wb0kgn

3417. H4TNC: My initial impressions

Yahoo group: V4Protocol
Date: 2013-10-04 15:59:43 UTC
From: <gary.k7ek@...>
Topic: 3417 Message: 3417

I've done a clean install on a robust Windows 7 HP laptop. Receiving has been so-so. I find that there's an over abundance of garbage characters interspersed with the desired text of received signals. I have received a few good signals but am getting mostly garbage, even on loud ones. Setting receive audio input versus squelch sensitivity is overly sensitive. Getting a balance in order to reliably print received signals is difficult at best.

Secondly, when attempting to initiate a call to someone, the program indicates that the transmission is in progress but no signal is transmitted. Beacons on the other hand transmit just fine. I am using a SignaLink USB which works well for all of the other sound card based programs including RMS Express and RMS TriMode with Winmor, etc.

I have to question the choice of 10.110. That is a heavily used CW frequency, especially for CW DXpeditions and the like. It would probably be more prudent (and friendly) to move any digital operation higher in the band. In Region II, 10.100 - 10.130 is generally CW. Please see this link for specifics:

http://30mdg.net/files/30%20Meter%20Band%20INFORMATION[1].pdf

Best regards,

Gary, K7EK

3418. QUESTION

Yahoo group: V4Protocol
Date: 2013-10-04 18:04:18 UTC
From: pat obrien
Topic: 245 Message: 3418

OK GUYS;I downloaded the program, all installed and the bar on top shows CALL, the window pops open shows like original v4 call station or call cq..OK once I press cq it does its job, BUT the call disappears and I have to call CQ in the main window by hand, what may I ask is to be done to have the CALL window appear again, probably something I did not check, guidance please.THANKSPOB/K8LEN

3419. Re: [V4Protocol] QUESTION

Yahoo group: V4Protocol
Date: 2013-10-04 22:21:22 UTC
From: Ron Wenig
Topic: 245 Message: 3419

Hi Pat,

H4Chat is in Alpha testing right now. Rick, KN6KB, is testing the basic capabilities of just FEC chat mode. Soon he will release the code which would include ARQ mode and then you will be able to connect with another station or call CQ. Now in order to have a qso you have to type in the bottom of the window and press enter. So if you want to call CQ just manually enter the CQ text or create USER files with CQ text in it. If you want to try the other program that Rick wrote try the V4Chat Yahoo group to download the code:

http://groups.yahoo.com/neo/groups/V4Protocol/info

V4Chat is a finished program that has the ARQ connection capability. H4Chat is a similar program with a different more rebost virtual TNC program called H4FSK. Have fun and if you see me calling CQ on H4Chat please try to connect.

73, Ron ny3j

On 10/4/2013 2:04 PM, pat obrien wrote:
>
> OK GUYS;
> I downloaded the program, all installed and the bar on top shows CALL,
> the window pops open shows like original v4 call station or call cq..
> OK once I press cq it does its job, BUT the call disappears and I have
> to call CQ in the main window by hand, what may I ask is to be done
> to have the CALL window appear again, probably something I did not
> check, guidance please.
> THANKS
> POB/K8LEN
>

3420. Re: [V4Protocol] QUESTION

Yahoo group: V4Protocol
Date: 2013-10-04 22:29:27 UTC
From: Ron Wenig
Topic: 245 Message: 3420

Oops, I meant if you see me calling CQ please try to chat with me not connect :-)

Ron ny3j

On 10/4/2013 6:21 PM, Ron Wenig wrote:
>
> Hi Pat,
>
> H4Chat is in Alpha testing right now. Rick, KN6KB, is testing the
> basic capabilities of just FEC chat mode. Soon he will release the
> code which would include ARQ mode and then you will be able to connect
> with another station or call CQ. Now in order to have a qso you have
> to type in the bottom of the window and press enter. So if you want
> to call CQ just manually enter the CQ text or create USER files with
> CQ text in it. If you want to try the other program that Rick wrote
> try the V4Chat Yahoo group to download the code:
>
> http://groups.yahoo.com/neo/groups/V4Protocol/info
>
> V4Chat is a finished program that has the ARQ connection capability.
> H4Chat is a similar program with a different more rebost virtual TNC
> program called H4FSK. Have fun and if you see me calling CQ on H4Chat
> please try to connect.
>
> 73, Ron ny3j
>
> On 10/4/2013 2:04 PM, pat obrien wrote:
>>
>> OK GUYS;
>> I downloaded the program, all installed and the bar on top shows
>> CALL, the window pops open shows like original v4 call station or
>> call cq..
>> OK once I press cq it does its job, BUT the call disappears and I
>> have to call CQ in the main window by hand, what may I ask is to be
>> done to have the CALL window appear again, probably something I did
>> not check, guidance please.
>> THANKS
>> POB/K8LEN
>
>

3421. Assistance Getting IC-7000 Working.

Yahoo group: V4Protocol
Date: 2013-10-05 01:00:38 UTC
From: <n2jr@...>
Topic: 3421 Message: 3421

There isn't a specific radio setup for thr ICOM IC-7000. The generic ICOM option does not provide PTT. Using Rigblaster Plug and Play, which works fine with HRD, MultiPSK and other programs.

a. what are the correct rig settings for the IC-7000

b. what are the established HF frequencies for this V4 mode.

Thank you, Rich/N2JR

3422. Re: [V4Protocol] Assistance Getting IC-7000 Working.

Yahoo group: V4Protocol
Date: 2013-10-05 02:37:05 UTC
From: Ron Wenig
Topic: 3421 Message: 3422

Rich,

The settings should be the same as HRD uses as far as the com port and
baud rate is concerned. Use the drop down menu to select them.

73, Ron ny3j

On 10/4/2013 9:00 PM, n2jr@... wrote:
>
> There isn't a specific radio setup for thr ICOM IC-7000. The generic
> ICOM option does not provide PTT. Using Rigblaster Plug and Play,
> which works fine with HRD, MultiPSK and other programs.
>
> a. what are the correct rig settings for the IC-7000
>
> b. what are the established HF frequencies for this V4 mode.
>
> Thank you, Rich/N2JR
>
>
> <http://groups.yahoo.com/group/V4Protocol/post;_ylc=X3oDMTJxY3ZrM2FrBF9TAzk3MzU5NzE0BGdy
cElkAzcxODM1OTgwBGdycHNwSWQDMTcwNTA2MzEwOARtc2dJZAMzNDIxBHNlYwNmdHIEc2xrA3JwbHkEc3RpbWUDMT
M4MDkzNDgzOQ--?act=reply&messageNum=3421>
>
>
>
>
>

3423. Re: [V4Protocol] beacon reception

Yahoo group: V4Protocol
Date: 2013-10-05 02:38:39 UTC
From: Don Poaps
Topic: 3412 Message: 3423

N4AYqeanama Ciokx$Zeyh, Florida Testing DZ\>FYibDd,}j"*vq/gR5

Don VA7DGP New Westminister, BC (Vancouver, BC)

On Thu, Oct 3, 2013 at 8:06 PM, <wb0kgn@...> wrote:

> **
>
>
> Beacon de KN6KB, de KN6KB, Rockledge, FL [EL98pf]
> wb0kgn in southern Minnesota
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3424. RE: [V4Protocol] Assistance Getting IC-7000 Working.

Yahoo group: V4Protocol
Date: 2013-10-05 03:13:07 UTC
From: Rick Muething
Topic: 3421 Message: 3424
Attachments: 2 described; binary payloads are missing from this source WARC

Rich,

I don’t have a 7000 here to verify with and right now I need to focus on the serious issue of problems with the auto tuning (poor decoding if more than a few Hz off frequency). Adding or refining radio types will have to come after that.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of n2jr@comcast.net
Sent: Friday, October 04, 2013 9:01 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Assistance Getting IC-7000 Working.

There isn't a specific radio setup for thr ICOM IC-7000. The generic ICOM option does not provide PTT. Using Rigblaster Plug and Play, which works fine with HRD, MultiPSK and other programs.

a. what are the correct rig settings for the IC-7000

b. what are the established HF frequencies for this V4 mode.

Thank you, Rich/N2JR

3425. V4CHAT 1.0.4.0 Gone from Winlinks FTP site. ERROR?

Yahoo group: V4Protocol
Date: 2013-10-13 00:45:30 UTC
From: <la7um@...>
Topic: 3425 Message: 3425

Rick. Probably by an error, when putting in Chat Full Install 0.1.1.0.zip, the V4Chat full install 1.0.4.0 went away on the Winlink FTP site. I missed this and installed the CHAT alpha for a newbie fellow ham recently. Of course withouth ARQ, no joy for him.

This can probably happen for others who want to join the old ARQ test party of V4Chat at the time being until H4 is more mature and with ARQ running.

73. Finn/LA7UM

3426. RE: [V4Protocol] V4CHAT 1.0.4.0 Gone from Winlinks FTP site. ERROR?

Yahoo group: V4Protocol
Date: 2013-10-13 21:12:33 UTC
From: dk3cw@...
Topic: 3425 Message: 3426

Hello Finn,

the V4Chat installation zip can be still found in the file section of the Yahoogroup. Login as a V4Protocol group member is required in order to access the file. link
Please ask the newbie fellow ham to register for the V4Protocol Yahoogroup.

In my opinion, the file should be republished for public access at the WinLink FTP site. But this decision has to be taken by WDT.

vy 73 de Jakob DK3CW

EmComm liaison officer Frankfurt / Main
www.dk3cw.de

When All Else Fails, Ham Radio Works

3427. Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-14 19:40:01 UTC
From: Rick Muething
Topic: 3427 Message: 3427

All,

I have spent a lot of time on this the last couple of weeks fixing bugs and adding refinements. It is working well with one known exception: I am still having auto tune problems if the station offset is > +/-10 Hz or so. It should work and I have a backup method to do this if necessary but I wanted to get this release out for some feedback. There are several other important fixes and updated help.

I have my Ham 4 beacon currently on 10110.000 USB dial at 50 watts from Grid Square EL98pf (Florida East Coast near Melbourne). Depending on our receiver dial accuracies you should be able to hear it +/- about 30 Hz. The easiest way to tune now (until I get the auto tuning expanded range working correctly) is to set Chat tuning range to +/-10 Hz and place the received signal directly between the green waterfall lines. (If you are using radio control you can use click to tune by placing the mouse cursor in the MIDDLE of the observed spectrum (which is about 200 Hz wide).

For convenience I have also placed the full install of both Chat and V4Chat (remember these are NOT the same program and the decoding is not compatible!) on the Yahoo FTP site and the Winlink User program FTP site. ftp://autoupdate.winlink.org/User%20Programs/ I have also placed the program on the auto update server. Restarting your Chat program should prompt an auto update (it may take a few minutes).

Feel free to leave a reply if you copy the beacon. If I am here at the desk I will try and answer.

73,

Rick Muething, KN6KB

Chat Revision History

Date: Rev Change Summary

Oct 14, 2013 0.1.2.0 Beta Release of 0.1.1.2 (still issues with expanded tuning range)

Oct 13,2013 0.1.1.2 Modify send on Word option (space) to "Word or CR" (Now sends keyboard text on word or a CR)

Add logic to minimize
session text box "jumping" during updates. (still not perfect but much better)

Limit tuning range to +/-
100 Hz default = 50.

Changed minimum tuning range
from 20 to 10.

Added logic to unlock
scrolling on main form resize.

Update Help

Oct 2, 2013 0.1.1.1 Change display update from "CF:" to "USB Dial:"

Oct 1, 2013 0.1.1.0 Alpha release of 0.1.0.2 with Updated Help

Sept 30, 2013 0.1.0.2 ARQ mode select blocked (not yet implemented)

Change default tuning range
to +/- 50Hz (was 100)

Update Radio.vb for 7100
radio control (needs to be verified)

Add background color (light
blue) to keyboard entry and beige to received data text boxes.

Add beacon setup menu and
FEC beacon option (10 -120 minutes) (To be used for inital testing)

Update Help.

July 10, 2013 0.1.0.1 Initial Alpha release FEC only H4FSK TNC
revision 0.1.0.1

H4FSK TNC Revision History

Date: Rev Change Summary

Oct 14, 2013 0.1.2.0 Beta release of 0.1.1.1

Oct 3, 2013 0.1.1.1 Found two cases
(H4Demod.SearchForTwoTone62B3 and TrackTwoTone62B) where computation of
dblOffsetHz had sign reversed.

Significant
updates on tuning and tracking mechanisms (tuning range still limited to
approx +/- 10 Hz... needs work)

Update Help
and state diagrams.

Add Help
Index selection option to H4TNC form

Oct 1, 2013 0.1.1.0 Alpha release of 0.1.0.3 with
update help.

Sept 30, 2013 0.1.0.3 Add code to remember window
state on shutdown.

Update H4TNC
Help

Correct
CLOSE command with text "H4TNC.CLOSE"

Change name
of Playback State "TransmitFEC" to "XmitFEC" to better fit in status window.

Eliminate
Capture state Sync (not used)

Modify debug
logging to capture and characters and display decode distance and

compute/display avg frame decode distance using new sub
H4Demod.LogFECFrameStats

Aug 10, 2013 0.1.0.2 Modify Two tone command.

Change
Character encoding from 8,4,4 extended hamming to expand hamming distance
slightly

Modify
H4Demod.Decode8BitCharacter to pass EOT (value = 4) to TNC's character
crawler

Modify
SearchForTwoTone to H4Demod.SearchForTwoTone62B3.

Modify
H4Demod.TrackTwoTone62B

July 10, 2013 0.1.0.1 Initial Alpha release FEC
only

3428. Re: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-15 00:09:16 UTC
From: Hoby KK8G
Topic: 3427 Message: 3428

Update worked very quickly and smoothly.. With update running, first I heard was WA1FQO on his QRT transmission.
Hoby KK8G/ SWMI

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Monday, October 14, 2013 3:40 PM
Subject: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

<SNIP>

3429. Re: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-15 00:21:02 UTC
From: Hoby KK8G
Topic: 3427 Message: 3429

Rick, My "TUNING RANGE" will not accept any setting less than =/- 50 Hz. Is this normal? Band not too good between us, only getting parts of your beacon.
Hoby KK8G

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Monday, October 14, 2013 3:40 PM
Subject: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

All,

<SNIP>

I have my Ham 4 beacon currently on 10110.000 USB dial at 50 watts from Grid Square EL98pf (Florida East Coast near Melbourne). Depending on our receiver dial accuracies you should be able to hear it +/- about 30 Hz. The easiest way to tune now (until I get the auto tuning expanded range working correctly) is to set Chat tuning range to +/-10 Hz and place the received signal directly between the green waterfall lines. (If you are using radio control you can use click to tune by placing the mouse cursor in the MIDDLE of the observed spectrum (which is about 200 Hz wide).

<SNIP>

3430. Re: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-15 00:51:18 UTC
From: Ron Wenig
Topic: 3427 Message: 3430

Rick,

Perfect copy on your beacon with the tuning range set to 10Hz on exactly
10.110MHz. Looking good.

Ron ny3j

On 10/14/2013 3:40 PM, Rick Muething wrote:
>
> All,
>
> I have spent a lot of time on this the last couple of weeks fixing
> bugs and adding refinements. It is working well with one known
> exception: I am still having auto tune problems if the station offset
> is > +/-10 Hz or so. It should work and I have a backup method to do
> this if necessary but I wanted to get this release out for some
> feedback. There are several other important fixes and updated help.
>
> I have my Ham 4 beacon currently on 10110.000 USB dial at 50 watts
> from Grid Square EL98pf (Florida East Coast near Melbourne).
> Depending on our receiver dial accuracies you should be able to hear
> it +/- about 30 Hz. The easiest way to tune now (until I get the auto
> tuning expanded range working correctly) is to set Chat tuning range
> to +/-10 Hz and place the received signal directly between the green
> waterfall lines. (If you are using radio control you can use click to
> tune by placing the mouse cursor in the MIDDLE of the observed
> spectrum (which is about 200 Hz wide).
>
> For convenience I have also placed the full install of both Chat and
> V4Chat (remember these are NOT the same program and the decoding is
> not compatible!) on the Yahoo FTP site and the Winlink User program
> FTP site. ftp://autoupdate.winlink.org/User%20Programs/ I have also
> placed the program on the auto update server. Restarting your Chat
> program should prompt an auto update (it may take a few minutes).
>
> Feel free to leave a reply if you copy the beacon. If I am here at the
> desk I will try and answer.
>
> 73,
>
>
> Rick Muething, KN6KB
>
>

3431. Re: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-15 01:22:33 UTC
From: Ron Wenig
Topic: 3427 Message: 3431

And a nice qso with KK8G and a quick hello from KN6KB. Things are
really progressing.

Ron ny3j

On 10/14/2013 8:51 PM, Ron Wenig wrote:
>
> Rick,
>
> Perfect copy on your beacon with the tuning range set to 10Hz on
> exactly 10.110MHz. Looking good.
>
> Ron ny3j
>
> On 10/14/2013 3:40 PM, Rick Muething wrote:
>>
>> All,
>>
>> I have spent a lot of time on this the last couple of weeks fixing
>> bugs and adding refinements. It is working well with one known
>> exception: I am still having auto tune problems if the station
>> offset is > +/-10 Hz or so. It should work and I have a backup
>> method to do this if necessary but I wanted to get this release out
>> for some feedback. There are several other important fixes and
>> updated help.
>>
>> I have my Ham 4 beacon currently on 10110.000 USB dial at 50 watts
>> from Grid Square EL98pf (Florida East Coast near Melbourne).
>> Depending on our receiver dial accuracies you should be able to hear
>> it +/- about 30 Hz. The easiest way to tune now (until I get the
>> auto tuning expanded range working correctly) is to set Chat tuning
>> range to +/-10 Hz and place the received signal directly between the
>> green waterfall lines. (If you are using radio control you can use
>> click to tune by placing the mouse cursor in the MIDDLE of the
>> observed spectrum (which is about 200 Hz wide).
>>
>> For convenience I have also placed the full install of both Chat and
>> V4Chat (remember these are NOT the same program and the decoding is
>> not compatible!) on the Yahoo FTP site and the Winlink User program
>> FTP site. ftp://autoupdate.winlink.org/User%20Programs/ I have also
>> placed the program on the auto update server. Restarting your Chat
>> program should prompt an auto update (it may take a few minutes).
>>
>> Feel free to leave a reply if you copy the beacon. If I am here at

>> the desk I will try and answer.
>>
>> 73,
>>
>>
>> Rick Muething, KN6KB
>>
>>
>
> _

3432. Re: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-15 01:25:50 UTC
From: Hoby KK8G
Topic: 3427 Message: 3432

All I have to do is read!. OK got tuning range set to 10. Was playing with TNC tuning range!
Weird, with new version, when I activate TX buffer, my TNC display minimizes and when I bring it back, I can't type in buffer nor transmit.
Any idea as to what I have done there?
Good QSO with NY3J and good print on Rick's beacon.
Hoby KK8G

----- Original Message -----
From: Hoby KK8G
To: V4Protocol@yahoogroups.com
Sent: Monday, October 14, 2013 8:21 PM
Subject: Re: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

Rick, My "TUNING RANGE" will not accept any setting less than =/- 50 Hz. Is this normal?
Band not too good between us, only getting parts of your beacon.
Hoby KK8G

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Monday, October 14, 2013 3:40 PM
Subject: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

All,

<SNIP>

I have my Ham 4 beacon currently on 10110.000 USB dial at 50 watts from Grid Square EL98pf (Florida East Coast near Melbourne). Depending on our receiver dial accuracies you should be able to hear it +/- about 30 Hz. The easiest way to tune now (until I get the auto tuning expanded range working correctly) is to set Chat tuning range to +/-10 Hz and place the received signal directly between the green waterfall lines. (If you are using radio control you can use click to tune by placing the mouse cursor in the MIDDLE of the observed spectrum (which is about 200 Hz wide).

<SNIP>

3433. RE: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-15 01:27:46 UTC
From: Rick Muething
Topic: 3427 Message: 3433
Attachments: 2 described; binary payloads are missing from this source WARC

Hoby,

Version 0.1.2.0 should accept tuning range down to 10. I'll check into it.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Hoby KK8G
Sent: Monday, October 14, 2013 8:21 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

Rick, My "TUNING RANGE" will not accept any setting less than =/- 50 Hz. Is this normal? Band not too good between us, only getting parts of your beacon.

Hoby KK8G

----- Original Message -----

From: Rick Muething <mailto:rmuething@...>

To: V4Protocol@yahoogroups.com

Sent: Monday, October 14, 2013 3:40 PM

Subject: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

All,

<SNIP>

I have my Ham 4 beacon currently on 10110.000 USB dial at 50 watts from Grid Square EL98pf (Florida East Coast near Melbourne). Depending on our receiver dial accuracies you should be able to hear it +/- about 30 Hz. The easiest way to tune now (until I get the auto tuning expanded range working correctly) is to set Chat tuning range to +/-10 Hz and place the received signal directly between the green waterfall lines. (If you are using radio control you can use click to tune by placing the mouse cursor in the MIDDLE of the observed spectrum (which is about 200 Hz wide).

<SNIP>

3434. Re: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-15 01:36:07 UTC
From: Hoby KK8G
Topic: 3427 Message: 3434

It does Rick. Must be a bad night. Got both my problems cured. Definitely Pilot error here..
Thanks anyway. 73
Hoby KK8G

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Monday, October 14, 2013 9:27 PM
Subject: RE: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

Hoby,

Version 0.1.2.0 should accept tuning range down to 10. I'll check into it.

Rick KN6KB

3435. Chat version 0.1.2.0 Tuning Range

Yahoo group: V4Protocol
Date: 2013-10-15 09:19:00 UTC
From: Hoby KK8G
Topic: 3435 Message: 3435

GM, Rick. Chat setup does accept "10" as a value, but if you try to do a TNC BASIC SETUP, an exception log is generated and says that the "value must be between Maximum and Minimum. Then the TNC screen closes. If you have your TNC basic setup generated before you select the "10" for a value, nothing bad happens. BUT, if you try to set up the value in CHAT setup first, you are out of luck.
Do you need the exception log?
Hoby KK8G

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Monday, October 14, 2013 9:27 PM
Subject: RE: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

Hoby,

Version 0.1.2.0 should accept tuning range down to 10. I'll check into it.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Hoby KK8G
Sent: Monday, October 14, 2013 8:21 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

Rick, My "TUNING RANGE" will not accept any setting less than =/- 50 Hz. Is this normal? Band not too good between us, only getting parts of your beacon.

Hoby KK8G

----- Original Message -----

From: Rick Muething

To: V4Protocol@yahoogroups.com

Sent: Monday, October 14, 2013 3:40 PM

Subject: [V4Protocol] Chat version 0.1.2.0 Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server.

All,

<SNIP>

I have my Ham 4 beacon currently on 10110.000 USB dial at 50 watts from Grid Square EL98pf (Florida East Coast near Melbourne). Depending on our receiver dial accuracies you should be able to hear it +/- about 30 Hz. The easiest way to tune now (until I get the auto tuning expanded range working correctly) is to set Chat tuning range to +/-10 Hz and place the received signal directly between the green waterfall lines. (If you are using radio control you can use click to tune by placing the mouse cursor in the MIDDLE of the observed spectrum (which is about 200 Hz wide).

<SNIP>

3436. Good contact with K6DDW

Yahoo group: V4Protocol
Date: 2013-10-15 19:33:58 UTC
From: <mikeaburton@...>
Topic: 3436 Message: 3436

10.110. a few ago, good contact almost 100 % copy. H4

de xe2/n6kzb

3437. Chat Beta version 0.1.3.0 full install Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-19 01:22:04 UTC
From: Rick Muething
Topic: 3437 Message: 3437

All,

I have made several changes (see below) with adding and fixing some features. Tuning range is still not what it should be but seems better (generally +/- 20 Hz). Decoding will be best if with +/- 10Hz.

The program should auto update. Full installs also available at the Yahoo FTP site and the Winlink FTP sites.

I will leave my beacon running on 10110.00 Khz (50 watts) for testing. You can leave a reply if you are copying OK. If I am here I will try and answer. (Right now very high multipath and considerable "roaring").

I have started work on the ARQ mode .at least all the critical specs and documentation. Will probably be a month. I still want to improve the tuning capability to at least +/- 50 Hz.

Your feedback and comments welcome.

73,

Rick Muething, KN6KB

Chat Revision History

Date: Rev Change Summary

Oct 18, 2013 0.1.3.0 Release of 0.1.2.1 to beta

Oct 16, 2013 0.1.2.1 Change default leader length from 200 ms to 128 ms

Change default Tuning range
from 100 to 50 Hz.

Allow call signs to include
Prefix (e.g. "XE2/") or postfix (e.g. "/MM") in addition to -ssids.

Hold off any beacons for
beacon interval minutes in FEC mode after manual keyboard entry.

Change default character set
to ASCII (7 bit)

Oct 14, 2013 0.1.2.0 Beta Release of 0.1.1.2 (still issues with exanded tuning range)

Oct 13,2013 0.1.1.2 Modify send on Word option (space) to "Word or
CR" (Now sends keyboard text on word or a CR)

Add logic to minimize
session text box "jumping" during updates. (still not perfect but much
better)

Limit tuning range to +/-
100 Hz default = 50.

Changed minimum tuning range
from 20 to 10.

Added logic to unlock
scrolling on main form resize.

Update Help

Oct 2, 2013 0.1.1.1 Change display update from "CF:" to "USB Dial:"

Oct 1, 2013 0.1.1.0 Alpha release of 0.1.0.2 with Updated Help

Sept 30, 2013 0.1.0.2 ARQ mode select blocked (not yet implemented)

Change default tuning range
to +/- 50Hz (was 100)

Update Radio.vb for 7100
radio control (needs to be verified)

Add background color (light
blue) to keyboard entry and beige to received data text boxes.

Add beacon setup menu and
FEC beacon option (10 -120 minutes) (To be used for inital testing)

Update Help.

July 10, 2013 0.1.0.1 Initial Alpha release FEC only H4FSK TNC
revision 0.1.0.1

H4FSK TNC Revision History

Date: Rev Change Summary

Oct 18, 2013 0.1.3.0 Release of 0.1.2.1 to beta

Oct 18, 2013 0.1.2.1 Allow call signs to include
Prefix (e.g. "XE2/") or postfix (e.g. "/MM") in addition to -ssids.

Change Rcvd
Frame labels to "Sync" and "Data" (was "FEC Sync" and "FEC Data") in
preparation for ARQ mode.

Replace
H4Demod.Decode8BitCharacter with MixDecode8BitCharacter using NCO (nominal

frequency 1125 Hz) to mix

filtered
data down to 375 Hz (center bin) for wider "tuning" and more optimal
center-of-bin decoding.

Add second
overload of H4Demod.GoertzelRealImag for floating input

Add
H4Demod.TrackTwoTone62BMix to replace TrackTwoTone62B with floating point
mixing to 375 Hz center.

Add menu
display and toggle of current character set.

Added
current MY CALL to the main window description.

In
H4Mod.GenerateSync62Baud Reduce peak amplitude of sync to same as 4FSK tones
to reduce opportunity of sync amplitude distortion.

Extensive
modifications in H4Demod.SearchForSymbolSync62BMix, SearchForSync62B,
TrackTwoTone62BMix for improved signal acquisition and tracking

Modify
SearchForTwoTone63BG to add (H4CB.Squelch/10) to the ratio calculation

Fix
Interface.TWOTONETEST function to allow repeats. (now works either from TNC
menu or Chat Setup menu correctly)

Update Help

Oct 14, 2013 0.1.2.0 Beta release of 0.1.1.1

Oct 3, 2013 0.1.1.1 Found two cases
(H4Demod.SearchForTwoTone62B3 and TrackTwoTone62B) where computation of
dblOffsetHz had sign reversed.

Significant
updates on tuning and tracking mechanisms (tuning range still limited to
approx +/- 10 Hz... needs work)

Update Help
and state diagrams.

Add Help
Index selection option to H4TNC form

Oct 1, 2013 0.1.1.0 Alpha releae of 0.1.0.3 with
update help.

Sept 30, 2013 0.1.0.3 Add code to remember window
state on shutdown.

Update H4TNC
Help

Correct
CLOSE command with text "H4TNC.CLOSE"

Change name
of Playback State "TransmitFEC" to "XmitFEC" to better fit in status window.

Eliminate
Capture state Sync (not used)

Modify debug
loggging to capture and characters and display decode distance and

compute/display avg frame decode distance using new sub
H4Demod.LogFECFrameStats

Aug 10, 2013 0.1.0.2 Modify Two tone command.

Change
Character encodeding from 8,4,4 extended hamming to expand hamming distance
slightly

Modify
H4Demod.Decode8BitCharacter to pass EOT (value = 4) to TNC's character
crawler

Modify
SearchForTwoTone to H4Demod.SearchForTwoTone62B3.

Modify
H4Demod.TrackTwoTone62B

July 10, 2013 0.1.0.1 Initial Alpha release FEC
only

3438. Re: [V4Protocol] Chat Beta version 0.1.3.0 full install Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-19 01:58:19 UTC
From: Ron Wenig
Topic: 3437 Message: 3438

Rick,

Autoupdate worked and I copy your beacon 100% even through all of the "roaring".

Thanks, Ron ny3j

On 10/18/2013 9:22 PM, Rick Muething wrote:
>
> All,
>
> I have made several changes (see below) with adding and fixing some
> features. Tuning range is still not what it should be but seems
> better (generally +/- 20 Hz). Decoding will be best if with +/- 10Hz.
>
> The program should auto update. Full installs also available at the
> Yahoo FTP site and the Winlink FTP sites.
>
> I will leave my beacon running on 10110.00 Khz (50 watts) for testing.
> You can leave a reply if you are copying OK. If I am here I will try
> and answer. (Right now very high multipath and considerable "roaring").
>
> I have started work on the ARQ mode ...at least all the critical specs
> and documentation. Will probably be a month. I still want to improve
> the tuning capability to at least +/- 50 Hz.
>
> Your feedback and comments welcome.
>
> 73,
>
>
> Rick Muething, KN6KB
>
>

3439. Re: [V4Protocol] Chat Beta version 0.1.3.0 full install Uploaded to Yahoo FTP, Winlink FTP and Winlink Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-19 03:59:59 UTC
From: Harry Gilling
Topic: 3437 Message: 3439

KN6KB beacons solid copy 0300Z in Chicago area

3440. Chat version 0.1.4.0 posted on Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-19 15:35:37 UTC
From: Rick Muething
Topic: 3440 Message: 3440

All,

Thanks to important feedback from Lee NR5G I have made a quick patch to the last release. The problem had to do with classic Windows color schemes being too dark for the new color used in the H4 TNC menu background. Although this required only a small change on the H4 TNC I had to update the rev of Chat to 0.1.4.0 to get the auto update to trigger. The only change to the 0.1.3.0 version is this background color (now lighter) on the H4 TNC.

Programs should auto update but full installs also reloaded to Yahoo and Winlink FTP sites.

Thanks Lee for the feedback.

Rick Muething

3441. It's working!

Yahoo group: V4Protocol
Date: 2013-10-19 15:59:05 UTC
From: <w4wnt@...>
Topic: 3441 Message: 3441

After the update to 0.1.4.0, I was finally able to copy N3JXB and maintain a QSO with Doug in Stroudsburg, PA. Also copied Russ, K1DOW and Rick's KN6KB beacon here in NC, in EM95 near Charlotte.

I did not change any parameters, but making contacts now! Thanks for the update.

Using a Kenwood TS570S, Signalink USB interface, 50-75 watts and a G5RV antenna.

Bill, W4WNT

3442. Re: [V4Protocol] It's working!

Yahoo group: V4Protocol
Date: 2013-10-19 16:16:49 UTC
From: Don Poaps
Topic: 3441 Message: 3442

Downloading the new chat will be calling on 10110 in a few minutes from BC

73

Don va7dgp

On Saturday, October 19, 2013, wrote:

> **
>
>
> After the update to 0.1.4.0, I was finally able to copy N3JXB and maintain
> a QSO with Doug in Stroudsburg, PA. Also copied Russ, K1DOW and Rick's
> KN6KB beacon here in NC, in EM95 near Charlotte.
>
> I did not change any parameters, but making contacts now! Thanks for the
> update.
>
> Using a Kenwood TS570S, Signalink USB interface, 50-75 watts and a G5RV
> antenna.
>
> Bill, W4WNT
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3443. Re: [V4Protocol] It's working!

Yahoo group: V4Protocol
Date: 2013-10-19 18:14:07 UTC
From: ricky
Topic: 3441 Message: 3443

Hi, KF5IAD. I terminated yahoo.... can someone please send me the most current version of the program to my other email: adahgrasscutting@...??? tnx de KF5IAD

On 10/19/2013 10:59 AM, w4wnt@... wrote:

> After the update to 0.1.4.0, I was finally able to copy N3JXB and maintain a QSO with Doug in Stroudsburg, PA. Also copied Russ, K1DOW and Rick's KN6KB beacon here in NC, in EM95 near Charlotte.
>
> I did not change any parameters, but making contacts now! Thanks for the update.
>
> Using a Kenwood TS570S, Signalink USB interface, 50-75 watts and a G5RV antenna.
>
> Bill, W4WNT
>
>

3444. AW: [V4Protocol] It's working!

Yahoo group: V4Protocol
Date: 2013-10-19 18:16:06 UTC
From: siegfried jackstien
Topic: 3441 Message: 3444

Start older version ... upgrade to newer version works fine

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von ricky
> Gesendet: Samstag, 19. Oktober 2013 18:14
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] It's working!
>
>
>
> Hi, KF5IAD. I terminated yahoo.... can someone please send me the most
> current version of the program to my other email:
> adahgrasscutting@...??? tnx de KF5IAD
>
> On 10/19/2013 10:59 AM, w4wnt@... wrote:
>
>
>
>
> After the update to 0.1.4.0, I was finally able to copy N3JXB and
> maintain a QSO with Doug in Stroudsburg, PA. Also copied Russ, K1DOW and
> Rick's KN6KB beacon here in NC, in EM95 near Charlotte.
>
> I did not change any parameters, but making contacts now! Thanks
> for the update.
>
> Using a Kenwood TS570S, Signalink USB interface, 50-75 watts and a
> G5RV antenna.
>
> Bill, W4WNT
>
>
>

3445. Re: [V4Protocol] It's working!

Yahoo group: V4Protocol
Date: 2013-10-19 20:11:05 UTC
From: George McCulley
Topic: 3441 Message: 3445

CN88gk Beacon

_____

heard 1308 PDT, 10/19/2013

George WA6TVD

3446. RE: Re: [V4Protocol] It's working!

Yahoo group: V4Protocol
Date: 2013-10-19 20:28:35 UTC
From: <ve7dfj@...>
Topic: 3441 Message: 3446

That was VE7DFJ copied your CQ calls 100 percent called you a few times.

Jack VE7DFJ Victoria

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

CN88gk Beacon heard 1308 PDT, 10/19/2013
George WA6TVD

3447. Re: [V4Protocol] Chat version 0.1.4.0 posted on Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-19 19:54:53 UTC
From: Steve Michaels
Topic: 3440 Message: 3447

Hello Rick,

Wondering if I can set the audio center frequency to match the center frequency of my filters on the FT-857. My audio CF readout is 1523 and I need to center on 1000hz to use my filters...

TNX and 73,
de N4AY (Formerly N4RNM and Winlink PMBO) Panama City Beach, FL

On Sat, Oct 19, 2013 at 10:35 AM, Rick Muething <rmuething@...>wrote:

> **
>
>
> All,****
>
> ** **
>
> Thanks to important feedback from Lee NR5G I have made a quick patch to
> the last release. The problem had to do with classic Windows color schemes
> being too dark for the new color used in the H4 TNC menu background.
> Although this required only a small change on the H4 TNC I had to update
> the rev of Chat to 0.1.4.0 to get the auto update to trigger. The only
> change to the 0.1.3.0 version is this background color (now lighter) on
> the H4 TNC. ****
>
> ** **
>
> Programs should auto update but full installs also reloaded to Yahoo and
> Winlink FTP sites. ****
>
> ** **
>
> Thanks Lee for the feedback. ****
>
> ** **
>
> ** **
>
> Rick Muething****
>
>
>

3448. KN6KB's test beacon - reception report 10110 kHz

Yahoo group: V4Protocol
Date: 2013-10-19 21:22:02 UTC
From: <om5naradio@...>
Topic: 3448 Message: 3448

Hello group,
I have uploaded a screenshot of KN6KB's test beacon transmission from 14th October arround 21:07 UTC. The signal was weak but decodable.

Vy 73's
Dezider OM5NA

3449. WA6TVD beacon heard on 10.110

Yahoo group: V4Protocol
Date: 2013-10-19 21:26:46 UTC
From: <ve7dfj@...>
Topic: 3449 Message: 3449

Solid copy in Victoria

Jack VE7DFJ

3450. RE: Chat version 0.1.4.0 posted on Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-19 21:28:02 UTC
From: <russtower@...>
Topic: 3440 Message: 3450

Hi Rick,

Receiving your beacon just fine this Saturday 10/19/13 on short daytime skip here in Arcadia, FL.

10.110.00 Mhz is traditionally CW territory on 30 meters, Rick.I see them all the time above on and below our QRG. I would like to suggest that most anything above 10.130.00 Mhz would be more appropriate for our mode. From there on up you will find most all of the non CW digital modes. Only suggesting we follow the current band use and not unknowing move in on our CW friends where they normally operate.

73/Russ
K1DOW
Arcadia, FL..

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

All,

Thanks to important feedback from Lee NR5G I have made a quick patch to the last release. The problem had to do with classic Windows color schemes being too dark for the new color used in the H4 TNC menu background. Although this required only a small change on the H4 TNC I had to update the rev of Chat to 0.1.4.0 to get the auto update to trigger. The only change to the 0.1.3.0 version is this background color (now lighter) on the H4 TNC.

Programs should auto update but full installs also reloaded to Yahoo and Winlink FTP sites.

Thanks Lee for the feedback.

Rick Muething

3451. RE: [V4Protocol] WA6TVD beacon heard on 10.110

Yahoo group: V4Protocol
Date: 2013-10-19 21:34:35 UTC
From: George McCulley
Topic: 3449 Message: 3451

Jack: Thanks. I started it up. .. called a few cq's, then had to run to store so I left the Beacon running.

I did see cq's from NW8L also.

QRTing for now. . .will be on tomorrow, though, and next week also.

Look for you then.

Thanks, again.

George McCulley, WA6TVD - Winlink

Washoe County, NV ARES

775.747.7345 Home

WA6TVD@...

WA6TVD@WX7RNO.#WNV.NV.USA.NOAM - Packet

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of ve7dfj@...
Sent: Saturday, October 19, 2013 2:27 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] WA6TVD beacon heard on 10.110

Solid copy in Victoria

Jack VE7DFJ

3452. RE: [V4Protocol] RE: Chat version 0.1.4.0 posted on Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-20 17:08:47 UTC
From: Rick Muething
Topic: 3440 Message: 3452
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks Russ,

No problem with moving the beacon frequency to avoid CW. I would avoid anything 10.140-10.150…that is the auto forward sub band usually reserved for wide band modes. We should try and stay away from the Pactor and WINMOR forwarding frequencies primarily 10130 and above. I would suggest 10120.00. That leaves the bottom 20 KHz for CW only. Anyone have any comment?

Making some progress on decoding improvements. Testing it out here first.

Rick

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of russtower@...
Sent: Saturday, October 19, 2013 5:28 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: Chat version 0.1.4.0 posted on Yahoo FTP, Winlink FTP and Autoupdate server

Hi Rick,

Receiving your beacon just fine this Saturday 10/19/13 on short daytime skip here in Arcadia, FL.

10.110.00 Mhz is traditionally CW territory on 30 meters, Rick.I see them all the time above on and below our QRG. I would like to suggest that most anything above 10.130.00 Mhz would be more appropriate for our mode. From there on up you will find most all of the non CW digital modes. Only suggesting we follow the current band use and not unknowing move in on our CW friends where they normally operate.

73/Russ

K1DOW

Arcadia, FL..

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

All,

Thanks to important feedback from Lee NR5G I have made a quick patch to the last release. The problem had to do with classic Windows color schemes being too dark for the new color used in the H4 TNC menu background. Although this required only a small change on the H4 TNC I had to update the rev of Chat to 0.1.4.0 to get the auto update to trigger. The only change to the 0.1.3.0 version is this background color (now lighter) on the H4 TNC.

Programs should auto update but full installs also reloaded to Yahoo and Winlink FTP sites.

Thanks Lee for the feedback.

Rick Muething

3453. RE: [V4Protocol] Chat version 0.1.4.0 posted on Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-20 17:19:53 UTC
From: Rick Muething
Topic: 3440 Message: 3453
Attachments: 2 described; binary payloads are missing from this source WARC

Steve,

Actually that would be a significant change as it has big repercussions in the DSP code. The receiver IF filters are not that critical or necessary.there is already a narrow (~300 Hz) audio filter centered at 1523 Hz in the DSP code that will filter out most noise and QRM. The main reason other receive filters would be necessary is to try to eliminate adjacent channel QRM that is pumping the receivers AGC. Otherwise these signals will be filtered out and ignored by the built in 300 Hz audio filter.

Most HF modes and TNCs now standardize on approximately 1500 Hz (WINMOR, PACTOR 2, 3, 4 etc) since most receivers generally center the IF filters on that value. Using the normal SSB filters should work fine most of the time and I can see no difference in weak signal decoding ability using a SSB filter or a narrow 240 Hz CW filter.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Steve Michaels
Sent: Saturday, October 19, 2013 3:55 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Chat version 0.1.4.0 posted on Yahoo FTP, Winlink FTP and Autoupdate server

Hello Rick,

Wondering if I can set the audio center frequency to match the center frequency of my filters on the FT-857. My audio CF readout is 1523 and I need to center on 1000hz to use my filters...

TNX and 73,

de N4AY (Formerly N4RNM and Winlink PMBO) Panama City Beach, FL

On Sat, Oct 19, 2013 at 10:35 AM, Rick Muething <rmuething@...> wrote:

All,

Thanks to important feedback from Lee NR5G I have made a quick patch to the last release. The problem had to do with classic Windows color schemes being too dark for the new color used in the H4 TNC menu background. Although this required only a small change on the H4 TNC I had to update the rev of

Chat to 0.1.4.0 to get the auto update to trigger. The only change to the 0.1.3.0 version is this background color (now lighter) on the H4 TNC.

Programs should auto update but full installs also reloaded to Yahoo and Winlink FTP sites.

Thanks Lee for the feedback.

Rick Muething

3454. KN6KB H4 Beacon moved to 10123.00 USB dial running 10 watts.

Yahoo group: V4Protocol
Date: 2013-10-20 17:31:58 UTC
From: Rick Muething
Topic: 3454 Message: 3454

All,

To minimize any interference from CW on 30 meters I have moved the beacon to 10123.00 USB dial with power at 10 Watts.

This should avoid most CW and Pactor/WINMOR forwarding activity.

Beacon interval currently at 10 minutes.

73,

Rick KN6KB

3455. RE: [V4Protocol] RE: Chat version 0.1.4.0 posted on Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-20 17:37:19 UTC
From: Lee Swanson
Topic: 3440 Message: 3455

10.120mhz sounds like a good plan, whatever keeps the peace... what will be even better is when we have stations standing in line to make contacts like back in the mid 1980s. I'd hate to NOT USE it and then LOSE it. It makes my day when I can tune across the digital portion of the bands to find it busy with many of the "exotic" modes. "Digital Modes....are the STUFF!!"

To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Sun, 20 Oct 2013 13:08:47 -0400
Subject: RE: [V4Protocol] RE: Chat version 0.1.4.0 posted on Yahoo FTP, Winlink FTP and Autoupdate server

Thanks Russ, No problem with moving the beacon frequency to avoid CW. I would avoid anything 10.140-10.150…that is the auto forward sub band usually reserved for wide band modes. We should try and stay away from the Pactor and WINMOR forwarding frequencies primarily 10130 and above. I would suggest 10120.00. That leaves the bottom 20 KHz for CW only. Anyone have any comment? Making some progress on decoding improvements. Testing it out here first. Rick From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of russtower@...m
Sent: Saturday, October 19, 2013 5:28 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: Chat version 0.1.4.0 posted on Yahoo FTP, Winlink FTP and Autoupdate server Hi Rick,
Receiving your beacon just fine this Saturday 10/19/13 on short daytime skip here in Arcadia, FL.

10.110.00 Mhz is traditionally CW territory on 30 meters, Rick.I see them all the time above on and below our QRG. I would like to suggest that most anything above 10.130.00 Mhz would be more appropriate for our mode. From there on up you will find most all of the non CW digital modes. Only suggesting we follow the current band use and not unknowing move in on our CW friends where they normally operate.

73/Russ
K1DOW
Arcadia, FL..

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:All, Thanks to important feedback from Lee NR5G I have made a quick patch to the last release. The problem had to do with classic Windows color schemes being too dark for the new color used in the H4 TNC menu background. Although this required only a small change on the H4 TNC I had to update the rev of Chat to 0.1.4.0 to get the auto update to trigger. The only change to the 0.1.3.0 version is this background color (now lighter) on the H4 TNC. Programs should auto update but full installs also reloaded to Yahoo and Winlink FTP sites. Thanks Lee for the feedback. Rick Muething

3456. RE: Re: [V4Protocol] Chat version 0.1.4.0 posted on Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-20 20:02:56 UTC
From: <bob.thornton@...>
Topic: 3440 Message: 3456

You should be able to move your filter if you press and hold the IRT button then use the clarifier to move your IF. Works for me on the 897 and I believe the 857 has the same features.I note Ricks comment that it will not improve performance but sometimes it is just easier on the ears with a filter in place.

Bob

G3WKW

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Hello Rick,

Wondering if I can set the audio center frequency to match the center frequency of my filters on the FT-857. My audio CF readout is 1523 and I need to center on 1000hz to use my filters...

TNX and 73,
de N4AY (Formerly N4RNM and Winlink PMBO) Panama City Beach, FL

On Sat, Oct 19, 2013 at 10:35 AM, Rick Muething <rmuething@... mailto:rmuething@...> wrote:
All,

Thanks to important feedback from Lee NR5G I have made a quick patch to the last release. The problem had to do with classic Windows color schemes being too dark for the new color used in the H4 TNC menu background. Although this required only a small change on the H4 TNC I had to update the rev of Chat to 0.1.4.0 to get the auto update to trigger. The only change to the 0.1.3.0 version is this background color (now lighter) on the H4 TNC.

Programs should auto update but full installs also reloaded to Yahoo and Winlink FTP sites.

Thanks Lee for the feedback.

Rick Muething

3457. RE: RE: [V4Protocol] RE: Chat version 0.1.4.0 posted on Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-20 21:06:38 UTC
From: <russtower@...>
Topic: 3440 Message: 3457

I agree with your choice of 10.123.00 MHZ Rick. Good move! CU there.

73/Russ
K1DOW
Arcadia, FL

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Thanks Russ,

No problem with moving the beacon frequency to avoid CW. I would avoid anything 10.140-10.150…that is the auto forward sub band usually reserved for wide band modes. We should try and stay away from the Pactor and WINMOR forwarding frequencies primarily 10130 and above. I would suggest 10120.00. That leaves the bottom 20 KHz for CW only. Anyone have any comment?

Making some progress on decoding improvements. Testing it out here first.

Rick

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of russtower@...
Sent: Saturday, October 19, 2013 5:28 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: Chat version 0.1.4.0 posted on Yahoo FTP, Winlink FTP and Autoupdate server

Hi Rick,
Receiving your beacon just fine this Saturday 10/19/13 on short daytime skip here in Arcadia, FL.

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73/Russ
K1DOW
Arcadia, FL..

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:
All,

Thanks to important feedback from Lee NR5G I have made a quick patch to the last release. The problem had to do with classic Windows color schemes being too dark for the new color

used in the H4 TNC menu background. Although this required only a small change on the H4 TNC I had to update the rev of Chat to 0.1.4.0 to get the auto update to trigger. The only change to the 0.1.3.0 version is this background color (now lighter) on the H4 TNC.

Programs should auto update but full installs also reloaded to Yahoo and Winlink FTP sites.

Thanks Lee for the feedback.

Rick Muething

3458. kn6kb beacon

Yahoo group: V4Protocol
Date: 2013-10-20 21:36:00 UTC
From: David Boland
Topic: 3458 Message: 3458

Just loaded Chat and listened on10.123
and heard KN6KB and K1DOW in 2100Z time frame

neither station is too far away since I am in Punta Gorda - but didn't skip over
not sure where to see stations I am receiving (still reading info)

Dave W9NWY/ NNN0ZTT

3459. Re: [V4Protocol] Chat version 0.1.4.0 posted on Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-20 18:08:30 UTC
From: Steve Michaels
Topic: 3440 Message: 3459

Hello Rick,
Thanks for the reply--and the information. I was getting some receiver desense from data very close by and wanted to use my filter in the 857 to help. Moving the beacon and test frequency seems to have eliminated the issue. Thanks for all you're doing with this very interesting project.

73,
Steve

On Sun, Oct 20, 2013 at 12:19 PM, Rick Muething <rmuething@cfl.rr.com>wrote:

> **
>
>
> Steve,****
>
> ** **
>
> Actually that would be a significant change as it has big repercussions in
> the DSP code. The receiver IF filters are not that critical or
> necessary…there is already a narrow (~300 Hz) audio filter centered at 1523
> Hz in the DSP code that will filter out most noise and QRM. The main
> reason other receive filters would be necessary is to try to eliminate
> adjacent channel QRM that is pumping the receivers AGC. Otherwise these
> signals will be filtered out and ignored by the built in 300 Hz audio
> filter. ****
>
> ** **
>
> Most HF modes and TNCs now standardize on approximately 1500 Hz (WINMOR,
> PACTOR 2, 3, 4 etc) since most receivers generally center the IF filters on
> that value. Using the normal SSB filters should work fine most of the time
> and I can see no difference in weak signal decoding ability using a SSB
> filter or a narrow 240 Hz CW filter.****
>
> ** **
>
> 73,****
>
> ** **
>
> Rick KN6KB****
>
> ** **

>
> ** **
>
> ** **
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Steve Michaels
> *Sent:* Saturday, October 19, 2013 3:55 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Chat version 0.1.4.0 posted on Yahoo FTP,
> Winlink FTP and Autoupdate server****
>
> ** **
>
> ****
>
> Hello Rick,****
>
> ** **
>
> Wondering if I can set the audio center frequency to match the center
> frequency of my filters on the FT-857. My audio CF readout is 1523 and I
> need to center on 1000hz to use my filters...****
>
> ** **
>
> TNX and 73,****
>
> de N4AY (Formerly N4RNM and Winlink PMBO) Panama City Beach, FL****
>
> ** **
>
> On Sat, Oct 19, 2013 at 10:35 AM, Rick Muething <rmuething@...>
> wrote:****
>
> ****
>
> All,****
>
> ****
>
> Thanks to important feedback from Lee NR5G I have made a quick patch to
> the last release. The problem had to do with classic Windows color schemes
> being too dark for the new color used in the H4 TNC menu background.
> Although this required only a small change on the H4 TNC I had to update
> the rev of Chat to 0.1.4.0 to get the auto update to trigger. The only
> change to the 0.1.3.0 version is this background color (now lighter) on
> the H4 TNC. ****
>
> ****

>
> Programs should auto update but full installs also reloaded to Yahoo and
> Winlink FTP sites. ****
>
> ****
>
> Thanks Lee for the feedback. ****
>
> ****
>
> ****
>
> Rick Muething****
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> ** **
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> ****
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>

3460. Chat 0.1.5.0 Uploaded to Yahoo FTP, Winlink FTP server and Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-21 12:52:58 UTC
From: Rick Muething
Topic: 3460 Message: 3460

All,

Persistence pays off!!! I finally found and fixed the major bug limiting the tuning range. With 0.1.5.0 the automatic tuning range as specified in the Chat setup is fully operational. A good operating point is 50 Hz (Tunes for offsets of +/- 50 Hz) but this can be set anywhere from 10 to 100 Hz. A recommended squelch value is 4 or 5. Squelch values of 3 or even 2 can be used for very weak signal copying but these will increase the amount of "open" printing.

I will be heading out of town for about 10 days on Thurs (Oct 24th) so probably won't be able to make many more updates. This seems pretty solid and I will now start to work on the ARQ mode (probably will be a month or so).

The full install package is available on the Yahoo V4Protocol FTP site and the Winlink FTP site ftp://autoupdate.winlink.org/User%20Programs/

Appreciate your feedback and comments. I will leave my beacon on at 10123.00 USB dial running 10 watts.

73,

Rick KN6KB

Chat Revision History

Date: Rev Change Summary

Oct 21, 2013 0.1.5.0 Release of 0.1.4.1

Oct 20, 2013 0.1.4.1 Clean up Exception logging with respect to file system errors and capture error # to Exception log.

Indicate when beacon sent on
main log (purple)

Change Globals.TimestampEX
to not show decimal seconds.

Add detect and recovery code
in grdContacts_MouseClick to handle exception if grid is right clicked without a row selected.

Oct 19, 2013 0.1.4.0 Release with H4TNC main menu bar backcolor changed to accomodate classic windows setup (was too dark). No changes to Chat from 0.1.3.0

Oct 18, 2013 0.1.3.0 Release of 0.1.2.1 to beta

Oct 16, 2013 0.1.2.1 Change default leader length from 200 ms to 128
ms

Change default Tuning range
from 100 to 50 Hz.

Allow call signs to include
Prefix (e.g. "XE2/") or postfix (e.g. "/MM") in addition to -ssids.

Hold off any beacons for
beacon interval minutes in FEC mode after manual keyboard entry.

Change default character set
to ASCII (7 bit)

H4FSK TNC Revision History

Date: Rev Change Summary

Oct 21, 2012 0.1.5.0 Release of 0.1.4.1

Oct 21, 2013 0.1.4.1 Make mods in
H4Demod.ProcessNewSamples to base detection of sync in TUNE state dependent
on prior and next cor values. This

Improves
tuning accuracy, sync detection and reduces "open" printing on low values of
squelch.

Redcuce and
cleanup Debug logging.

Modify
H4Demod.TrackTwoTone62BMix to use squelch to compute ratio and use
uninterpolated bin values for dblMaxCor calculation.

Fix
H4Demod.SearchForSymbolSync62BMix to use mixed data and bin 6 for Goertzel
phase search.(was bin 12) Now have full tuning range.

Oct 19, 2013 0.1.4.0 Change of backcolor on H4TNC
menu line to Gradient Active to avoid too dark a background in classic
windows setup. No other changes.

Oct 18, 2013 0.1.3.0 Release of 0.1.2.1 to beta

Oct 18, 2013 0.1.2.1 Allow call signs to include
Prefix (e.g. "XE2/") or postfix (e.g. "/MM") in addition to -ssids.

Change Rcvd
Frame lables to "Sync" and "Data" (was "FEC Sync" and "FEC Data") in
preparation for ARQ mode.

Replace
H4Demod.Decode8BitCharacter with MixDecode8BitCharacter using NCO (nominal frequency 1125 Hz) to mix

filtered
data down to 375 Hz (center bin) for wider "tuning" and more optimal center-of-bin decoding.

Add second
overload of H4Demod.GoertzelRealImag for floating input

Add
H4Demod.TrackTwoTone62BMix to replace TrackTwoTone62B with floating point mixing to 375 Hz center.

Add menu
display and toggle of current character set.

Added
current MY CALL to the main window description.

In
H4Mod.GenerateSync62Baud Reduce peak amplitude of sync to same as 4FSK tones to reduce opportunity of sync amplitude distortion.

Extensive
modifications in H4Demod.SearchForSymbolSync62BMix, SearchForSync62B, TrackTwoTone62BMix for improved signal acquisition and tracking

Modify
SearchForTwoTone63BG to add (H4CB.Squelch/10) to the ratio calculation

Fix
Interface.TWOTONETEST function to allow repeats. (now works either from TNC menu or Chat Setup menu correctly)

Update Help

3461. RE: Chat 0.1.5.0 Uploaded to Yahoo FTP, Winlink FTP server and Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-21 19:15:14 UTC
From: <russtower@...>
Topic: 3460 Message: 3461

Excellent improvement in Chat 0.1.5.0 Rick! Printing your beacon and a handful of others this Monday afternoon in Arcadia, FL.

A small suggestion regarding the choice of RX text color on the RX screen. It appears as green on a pale orange background here. For my vision black would be a lot easier to read. Understood though if there is a need for the color of the text being set as it is now. No problem. The MAIN THING is that the decode and expanded capture area on the WF is mucho improved! Congratulations on your persistence Rick! :-)

73/Russ
K1DOW
Arcadia, FL

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

All,

Persistence pays off!!! I finally found and fixed the major bug limiting the tuning range. With 0.1.5.0 the automatic tuning range as specified in the Chat setup is fully operational. A good operating point is 50 Hz (Tunes for offsets of +/- 50 Hz) but this can be set anywhere from 10 to 100 Hz. A recommended squelch value is 4 or 5. Squelch values of 3 or even 2 can be used for very weak signal copying but these will increase the amount of “open” printing.

I will be heading out of town for about 10 days on Thurs (Oct 24th) so probably won’t be able to make many more updates. This seems pretty solid and I will now start to work on the ARQ mode (probably will be a month or so).

The full install package is available on the Yahoo V4Protocol FTP site and the Winlink FTP site ftp://autoupdate.winlink.org/User%20Programs/
ftp://autoupdate.winlink.org/User%20Programs/

Appreciate your feedback and comments. I will leave my beacon on at 10123.00 USB dial running 10 watts.

73,

Rick KN6KB

Chat Revision History

Date: Rev Change Summary

Oct 21, 2013 0.1.5.0 Release of 0.1.4.1

Oct 20, 2013 0.1.4.1 Clean up Exception logging with respect to file system errors and capture error # to Exception log.

Indicate when beacon sent on main log (purple)
Change Globals.TimestampEX to not show decimal seconds.
Add detect and recovery code in grdContacts_MouseClick to handle exception if grid is right clicked without a row selected.

Oct 19, 2013 0.1.4.0 Release with H4TNC main menu bar backcolor changed to accomodate classic windows setup (was too dark). No changes to Chat from 0.1.3.0

Oct 18, 2013 0.1.3.0 Release of 0.1.2.1 to beta

Oct 16, 2013 0.1.2.1 Change default leader length from 200 ms to 128 ms
Change default Tuning range from 100 to 50 Hz.
Allow call signs to include Prefix (e.g. "XE2/") or postfix (e.g. "/MM") in addition to -ssids.
Hold off any beacons for beacon interval minutes in FEC mode after manual keyboard entry.
Change default character set to ASCII (7 bit)

H4FSK TNC Revision History

Date: Rev Change Summary

Oct 21, 2012 0.1.5.0 Release of 0.1.4.1

Oct 21, 2013 0.1.4.1 Make mods in H4Demod.ProcessNewSamples to base detection of sync in TUNE state dependent on prior and next cor values. This
Improves tuning accuracy, sync detection and reduces "open" printing on low values of squelch.
Redcuce and cleanup Debug logging.
Modify H4Demod.TrackTwoTone62BMix to use squelch to compute ratio and use uninterpolated bin values for dblMaxCor calculation.
Fix H4Demod.SearchForSymbolSync62BMix to use mixed data and bin 6 for Goertzel phase search.(was bin 12) Now have full tuning range.

Oct 19, 2013 0.1.4.0 Change of backcolor on H4TNC menu line to Gradient Active to avoid too dark a background in classic windows setup. No other changes.

Oct 18, 2013 0.1.3.0 Release of 0.1.2.1 to beta

Oct 18, 2013 0.1.2.1 Allow call signs to include Prefix (e.g. "XE2/") or postfix (e.g. "/MM") in addition to -ssids.
Change Rcvd Frame lables to "Sync" and "Data" (was "FEC Sync" and "FEC Data") in preparation for ARQ mode.
Replace H4Demod.Decode8BitCharacter with MixDecode8BitCharacter using NCO (nominal frequency 1125 Hz) to mix
filtered data down to 375 Hz (center bin) for wider "tuning" and more optimal center-of-bin decoding.
Add second overload of H4Demod.GoertzelRealImag for floating input
Add H4Demod.TrackTwoTone62BMix to replace TrackTwoTone62B with floating point mixing to 375 Hz center.
Add menu display and toggle of current character set.
Added current MY CALL to the main window description.
In H4Mod.GenerateSync62Baud Reduce peak amplitude of sync to same as 4FSK tones to reduce opportunity of sync amplitude distortion.

Extensive modifications in H4Demod.SearchForSymbolSync62BMix, SearchForSync62B, TrackTwoTone62BMix for improved signal acquisition and tracking
Modify SearchForTwoTone63BG to add (H4CB.Squelch/10) to the ratio calculation
Fix Interface.TWOTONETEST function to allow repeats. (now works either from TNC menu or Chat Setup menu correctly)
Update Help

3462. RE: [V4Protocol] RE: Chat 0.1.5.0 Uploaded to Yahoo FTP, Winlink FTP server and Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-21 19:24:24 UTC
From: Rick Muething
Topic: 3460 Message: 3462
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks for the feedback Russ. Well there is a need to support several colors on the received text (currently Green, Red, Navy, Black, Purple). When I switched the background over to the beige and light blue I didn't change any of the text colors. I'll play with that some. There are probably better choices.

Rick

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of russtower@...
Sent: Monday, October 21, 2013 3:15 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: Chat 0.1.5.0 Uploaded to Yahoo FTP, Winlink FTP server and Autoupdate server.

Excellent improvement in Chat 0.1.5.0 Rick! Printing your beacon and a handful of others this Monday afternoon in Arcadia, FL.

A small suggestion regarding the choice of RX text color on the RX screen. It appears as green on a pale orange background here. For my vision black would be a lot easier to read. Understood though if there is a need for the color of the text being set as it is now. No problem. The MAIN THING is that the decode and expanded capture area on the WF is mucho improved! Congratulations on your persistence Rick! :-)

73/Russ

K1DOW

Arcadia, FL

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

All,

Persistence pays off!!! I finally found and fixed the major bug limiting the tuning range. With 0.1.5.0 the automatic tuning range as specified in the Chat setup is fully operational. A good operating point is 50 Hz (Tunes for offsets of +/- 50 Hz) but this can be set anywhere from 10 to 100 Hz. A recommended squelch value is 4 or 5. Squelch values of 3 or even 2 can be used for very weak signal copying but these will increase the amount of "open" printing.

I will be heading out of town for about 10 days on Thurs (Oct 24th) so probably won't be able to make many more updates. This seems pretty solid and I will now start to work on the ARQ mode (probably will be a month or so).

The full install package is available on the Yahoo V4Protocol FTP site and the Winlink FTP site ftp://autoupdate.winlink.org/User%20Programs/

Appreciate your feedback and comments. I will leave my beacon on at 10123.00 USB dial running 10 watts.

73,

Rick KN6KB

Chat Revision History

Date: Rev Change Summary

Oct 21, 2013 0.1.5.0 Release of 0.1.4.1

Oct 20, 2013 0.1.4.1 Clean up Exception logging with respect to file system errors and capture error # to Exception log.

Indicate when beacon sent on main log (purple)

Change Globals.TimestampEX to not show decimal seconds.

Add detect and recovery code in grdContacts_MouseClick to handle exception if grid is right clicked without a row selected.

Oct 19, 2013 0.1.4.0 Release with H4TNC main menu bar backcolor changed to accomodate classic windows setup (was too dark). No changes to Chat from 0.1.3.0

Oct 18, 2013 0.1.3.0 Release of 0.1.2.1 to beta

Oct 16, 2013 0.1.2.1 Change default leader length from 200 ms to 128 ms

Change default Tuning range from 100 to 50 Hz.

Allow call signs to include Prefix (e.g. "XE2/") or postfix (e.g. "/MM") in addition to -ssids.

Hold off any beacons for beacon interval minutes in FEC mode after manual keyboard entry.

Change default character set to ASCII (7 bit)

H4FSK TNC Revision History

Date: Rev Change Summary

Oct 21, 2012 0.1.5.0 Release of 0.1.4.1

Oct 21, 2013 0.1.4.1 Make mods in H4Demod.ProcessNewSamples to base detection of sync in TUNE state dependent on prior and next cor values. This

Improves tuning accuracy, sync detection and reduces "open" printing on low values of squelch.

Redcuce and cleanup Debug logging.

Modify H4Demod.TrackTwoTone62BMix to use squelch to compute ratio and use uninterpolated bin values for dblMaxCor calculation.

Fix H4Demod.SearchForSymbolSync62BMix to use mixed data and bin 6 for Goertzel phase search.(was bin 12) Now have full tuning range.

Oct 19, 2013 0.1.4.0 Change of backcolor on H4TNC menu line to Gradient Active to avoid too dark a background in classic windows setup. No other changes.

Oct 18, 2013 0.1.3.0 Release of 0.1.2.1 to beta

Oct 18, 2013 0.1.2.1 Allow call signs to include Prefix (e.g. "XE2/") or postfix (e.g. "/MM") in addition to -ssids.

Change Rcvd Frame lables to "Sync" and "Data" (was "FEC Sync" and "FEC Data") in preparation for ARQ mode.

Replace H4Demod.Decode8BitCharacter with MixDecode8BitCharacter using NCO (nominal frequency 1125 Hz) to mix

filtered data down to 375 Hz (center bin) for wider "tuning" and more optimal center-of-bin decoding.

Add second overload of H4Demod.GoertzelRealImag for floating input

Add H4Demod.TrackTwoTone62BMix to replace TrackTwoTone62B with floating point mixing to 375 Hz center.

Add menu display and toggle of current character set.

Added current MY CALL to the main window description.

In H4Mod.GenerateSync62Baud Reduce peak amplitude of sync to same as 4FSK tones to reduce opportunity of sync amplitude distortion.

Extensive modifications in H4Demod.SearchForSymbolSync62BMix, SearchForSync62B, TrackTwoTone62BMix for improved signal acquisition and tracking

Modify SearchForTwoTone63BG to add (H4CB.Squelch/10) to the ratio calculation

Fix Interface.TWOTONETEST function to allow repeats. (now works either from TNC menu or Chat Setup menu correctly)

Update Help

3463. RE: Chat 0.1.5.0 Uploaded to Yahoo FTP, Winlink FTP server and Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-21 20:11:00 UTC
From: Harry Gilling
Topic: 3460 Message: 3463

Have had a successful QSO using H4. I have the following problems:

When entering text into the text box it is not blue. It is grey and remains grey after transmission

Transmit data does not appear in the beige session box

OB Queue does not appear

Scroll is not locked

Did I miss something in the setup?

Thanks Harry W9IB

3464. RE: [V4Protocol] RE: Chat 0.1.5.0 Uploaded to Yahoo FTP, Winlink FTP server and Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-21 21:02:38 UTC
From: Rick Muething
Topic: 3460 Message: 3464
Attachments: 2 described; binary payloads are missing from this source WARC

Harry,

There are some minor issues that I am cleaning up but some of your comments don't apply.

First you have 4 choices of how to enter text and queue it.I would recommend using CR to start (send on a CR). You can play with the other .personal preference. When you enter text BEFORE it is sent it is blue italic in the lower box. You can edit it there before it is sent. When it is transferred to the H4 TNC for transmission (CR, Ctrl CR, Word, etc) it is changed to gray and can no longer be edited (it is being sent).

Received text is shown in the upper window as received. It is currently green .may change that on next rev for improved readability. The transmitted data is NOT shown in the beige box currently. I'll look into that .it might make it more readable

I will try and confirm everything works like above before the next release.but no one reporting any problems with it and I made several QSOs today.

OB Queue was not implemented on that last rev 0.1.5.0. Will be on the next. It buffers allowing you to send while things are still being sent .they just queue up and show in the outbound queue. Once sending is finished (EOT sent) if there is anything in the out bound queue it will be sent. I have this working now here. I will also have the auto ID feature working on the next rev.

One of the challenges here is there are umpteen ways to show text, colors, sizes etc and it is impossible to please everyone and making it completely customizable is a big effort. I have tried to put in the more useful options (e.g. Send commands and text size) but at this stage of the program I don't want to get bogged down in all the frills of text display. It may look simple but handling scrolling rich text boxes of multiple colors is a real programming challenge.

Thanks for your feedback.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Harry Gilling
Sent: Monday, October 21, 2013 4:11 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: Chat 0.1.5.0 Uploaded to Yahoo FTP, Winlink FTP

server and Autoupdate server.

Have had a successful QSO using H4. I have the following problems:

When entering text into the text box it is not blue. It is grey and remains grey after transmission

Transmit data does not appear in the beige session box

OB Queue does not appear

Scroll is not locked

Did I miss something in the setup?

Thanks Harry W9IB

3465. Re: [V4Protocol] RE: Chat 0.1.5.0 Uploaded to Yahoo FTP, Winlink FTP server and Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-21 20:16:33 UTC
From: Bastress, David G
Topic: 3460 Message: 3465

Harry,

Tnx for the short qso around 1 PM EDST. Had to get back to work.

There were several other stations in there at about the same time. I don't think everyone was copying each other.

H4 seems to be working ok on my old XP computer.
73,
Dave K3GAU

On Mon, Oct 21, 2013 at 4:11 PM, Harry Gilling <w9ib73@...> wrote:

> **
>
>
> Have had a successful QSO using H4. I have the following problems:
>
> When entering text into the text box it is not blue. It is grey and
> remains grey after transmission
>
> Transmit data does not appear in the beige session box
>
> OB Queue does not appear
>
> Scroll is not locked
>
> Did I miss something in the setup?
>
> Thanks Harry W9IB
>
>
>

3466. First Chat 0.1.5.0 beacon heard from "across the pond"

Yahoo group: V4Protocol
Date: 2013-10-21 23:53:18 UTC
From: <russtower@...>
Topic: 3466 Message: 3466

Here is a copy of my note sent to IK2MXM moments ago:

Hello Gigi..

Here is a print of your Chat 0.1.5.0 beacon on 10.123.00 Mhz here in Arcadia Florida this Monday night 2013/10/21 at about 23:30 UTC:

IK2MXM TEST IK2MXM TEST 10.123 Mhz test test chat 0.1.5.0 k

Thought you would like to know you are making it across the pond.

73/Russ
K1DOW
Arcadia, FL

3467. RE: Chat 0.1.5.0 Uploaded to Yahoo FTP, Winlink FTP server and Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-22 12:41:50 UTC
From: <jn@...>
Topic: 3460 Message: 3467

Hi Rick,

Have been testing 0.1.5.0 on 80m with OH hams.

Some garbage letters but mostly good copy.
Prints Scandinavian letters OK with Latin-1 chr-set.

73 Jouko OH5RM

---In v4protocol@yahoogroups.com, <rmuething@...> wrote:

Harry,

There are some minor issues that I am cleaning up but some of your comments don't apply.

First you have 4 choices of how to enter text and queue it…I would recommend using CR to start (send on a CR). You can play with the other …personal preference. When you enter text BEFORE it is sent it is blue italic in the lower box. You can edit it there before it is sent. When it is transferred to the H4 TNC for transmission (CR, Ctrl CR, Word, etc) it is changed to gray and can no longer be edited (it is being sent).

Received text is shown in the upper window as received. It is currently green …may change that on next rev for improved readability. The transmitted data is NOT shown in the beige box currently. I'll look into that …it might make it more readable

I will try and confirm everything works like above before the next release…but no one reporting any problems with it and I made several QSOs today.

OB Queue was not implemented on that last rev 0.1.5.0. Will be on the next. It buffers allowing you to send while things are still being sent …they just queue up and show in the outbound queue. Once sending is finished (EOT sent) if there is anything in the out bound queue it will be sent. I have this working now here. I will also have the auto ID feature working on the next rev.

One of the challenges here is there are umpteen ways to show text, colors, sizes etc and it is impossible to please everyone and making it completely customizable is a big effort. I have tried to put in the more useful options (e.g. Send commands and text size) but at this stage of the program I don't want to get bogged down in all the frills of text display. It may look simple but handling scrolling rich text boxes of multiple colors is a real programming challenge.

Thanks for your feedback.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Harry Gilling

Sent: Monday, October 21, 2013 4:11 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: Chat 0.1.5.0 Uploaded to Yahoo FTP, Winlink FTP server and Autoupdate server.

Have had a successful QSO using H4. I have the following problems:

When entering text into the text box it is not blue. It is grey and remains grey after transmission

Transmit data does not appear in the beige session box

OB Queue does not appear

Scroll is not locked

Did I miss something in the setup?

Thanks Harry W9IB

3468. RE: [V4Protocol] RE: Chat 0.1.5.0 Uploaded to Yahoo FTP, Winlink FTP server and Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-22 14:53:17 UTC
From: Rick Muething
Topic: 3460 Message: 3468
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks Jouko,

One of the objectives I have for the protocol and Chat Host is to work well with all the main character sets. The Latin-1 ASCII extension and the UTF-8 (multi-byte) character sets allow many non-English characters and languages. Hopefully this will promote adoption in foreign languages (I may ask for volunteers for help with multi language help etc!!!)

With FEC there can always be some character errors (there is no automatic “back channel” to request repeats). The amount of FEC I selected was (as always) an engineering compromise between speed (using weaker and less Robust FEC) and error correction capability (using stronger FEC coding). I think the current selection is pretty close to optimum for normal signal level work. With more time it should be possible to continue with small improvements in the tuning, sync and character decoding. Once the ARQ mode is working it will permit sessions with zero errors but of course it only permits two stations to be in communication not a net like FEC does and the throughput will only be about 60-70% or so of the current FEC mode which is now about 68 words per minute.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of jn@...
Sent: Tuesday, October 22, 2013 8:42 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: Chat 0.1.5.0 Uploaded to Yahoo FTP, Winlink FTP server and Autoupdate server.

Hi Rick,

Have been testing 0.1.5.0 on 80m with OH hams.

Some garbage letters but mostly good copy.

Prints Scandinavian letters OK with Latin-1 chr-set.

73 Jouko OH5RM

---In v4protocol@yahoogroups.com, <rmuething@...> wrote:

Harry,

There are some minor issues that I am cleaning up but some of your comments don’t apply.

First you have 4 choices of how to enter text and queue it…I would recommend using CR to start (send on a CR). You can play with the other …personal preference. When you enter text BEFORE it is sent it is blue italic in the lower box. You can edit it there before it is

sent. When it is transferred to the H4 TNC for transmission (CR, Ctrl CR, Word, etc) it is changed to gray and can no longer be edited (it is being sent).

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Thanks for your feedback.

Rick KN6KB

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Sent: Monday, October 21, 2013 4:11 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: Chat 0.1.5.0 Uploaded to Yahoo FTP, Winlink FTP server and Autoupdate server.

Have had a successful QSO using H4. I have the following problems:

When entering text into the text box it is not blue. It is grey and remains grey after transmission

Transmit data does not appear in the beige session box

OB Queue does not appear

Scroll is not locked

Did I miss something in the setup?

Thanks Harry W9IB

3469. Re: [V4Protocol] RE: Chat 0.1.5.0 Uploaded to Yahoo FTP, Winlink FTP server and Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-10-22 13:34:27 UTC
From: Bastress, David G
Topic: 3460 Message: 3469

GM Jouko,

What frequency do you use on 80 meters?

Dave K3GAU

On Tue, Oct 22, 2013 at 8:41 AM, <jn@...> wrote:

> **
>
>
> Hi Rick,
>
>
> Have been testing 0.1.5.0 on 80m with OH hams.
>
>
> Some garbage letters but mostly good copy.
>
> Prints Scandinavian letters OK with Latin-1 chr-set.
>
>
> 73 Jouko OH5RM
>
>
> ---In v4protocol@yahoogroups.com, <rmuething@...> wrote:
>
> Harry,
>
>
>
> There are some minor issues that I am cleaning up but some of your
> comments don't apply.
>
>
>
> First you have 4 choices of how to enter text and queue it…I would
> recommend using CR to start (send on a CR). You can play with the other
> …personal preference. When you enter text BEFORE it is sent it is blue
> italic in the lower box. You can edit it there before it is sent. When it
> is transferred to the H4 TNC for transmission (CR, Ctrl CR, Word, etc) it
> is changed to gray and can no longer be edited (it is being sent).
>
>
>
>

> Received text is shown in the upper window as received. It is currently
> green …may change that on next rev for improved readability. The
> transmitted data is NOT shown in the beige box currently. I'll look into
> that …it might make it more readable
>
>
>
> I will try and confirm everything works like above before the next
> release…but no one reporting any problems with it and I made several QSOs
> today.
>
>
>
> OB Queue was not implemented on that last rev 0.1.5.0. Will be on the
> next. It buffers allowing you to send while things are still being sent
> …they just queue up and show in the outbound queue. Once sending is
> finished (EOT sent) if there is anything in the out bound queue it will be
> sent. I have this working now here. I will also have the auto ID feature
> working on the next rev.
>
>
>
> One of the challenges here is there are umpteen ways to show text, colors,
> sizes etc and it is impossible to please everyone and making it completely
> customizable is a big effort. I have tried to put in the more useful
> options (e.g. Send commands and text size) but at this stage of the
> program I don't want to get bogged down in all the frills of text display.
> It may look simple but handling scrolling rich text boxes of multiple
> colors is a real programming challenge.
>
>
>
> Thanks for your feedback.
>
>
> Rick KN6KB
>
>
>
>
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Harry Gilling
> *Sent:* Monday, October 21, 2013 4:11 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] RE: Chat 0.1.5.0 Uploaded to Yahoo FTP, Winlink
> FTP server and Autoupdate server.
>
>
>

>
>
> Have had a successful QSO using H4. I have the following problems:
>
>
>
> When entering text into the text box it is not blue. It is grey and
> remains grey after transmission
>
>
>
> Transmit data does not appear in the beige session box
>
>
>
> OB Queue does not appear
>
>
>
> Scroll is not locked
>
>
>
> Did I miss something in the setup?
>
>
>
> Thanks Harry W9IB
>
>
>

3470. Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-22 23:13:22 UTC
From: Rick Muething
Topic: 3470 Message: 3470

All,

This should be my last update before leaving for about 10 days. The decoding on this version is the same as 0.1.5.0 but a number of cleanup items are done including functional fixes to things like Outbound buffer queue, Auto ID, logging, display of text sent etc. I also made passes through the help files and fixed many of the contradictory statements (left over from the old V4 Help file).

It seems to be working well. I have started on the ARQ mechanism and want to get that well defined and documented before starting to modify the code.

Please report any serious errors. Be sure to look in the help If you have questions it covers many questions.

Thanks again for the feedback and interest.

73,

Rick KN6KB

Chat Revision History

Date: Rev Change Summary

oct 22, 2013 0.1.6.0 Release of 0.1.5.1

Oct 21, 2013 0.1.5.1 Eliminate separate Full and Half duplex FEC modes...basically always full duplex if radio will permit, otherwise half duplex.

Change Text display for
improved readability: Inbound FEC text black (was green), Info text Navy ItalicText (was black)

Text as sent (green) others
unchanged.

Increased brightness of rich
text box backgrounds (light beige and light blue) for increased contrast.

Fix AutoID function
(controlled by Host)

Add code to display text as
sent (Green) on the session rich text box and received text (black).

Implement the Outbound queue
and buffer reporting.

Make mods to
Main.UpdateSessionDisplay to buffer FEC received text for logging (makes
Chat.log more readable)

Oct 21, 2013 0.1.5.0 Release of 0.1.4.1

H4FSK TNC Revision History

Date: Rev Change Summary

Oct 22, 2013 0.1.6.0 Release of 0.1.5.1

Oct 21, 2013 0.1.5.1 Remove decoder test ....was
confusing and only used to verify initial character coding table.

Modify
H4Mod.GenerateLeader to taper on leading and trailing 24 samples (2ms) to
reduce "clicks"

Add
Globals.AddToOutboundPending and ClearOBQueue to handle Queue data if
already playing

Add OB
Queue: label on main form and mechanism to update status to Host.

Fix AutoID
function (normally selected by host).

Send
ENCODING command to Chat whenever Encoding character set is changed.(allows
proper display and logging)

Oct 21, 2013 0.1.5.0 Release of 0.1.4.1

3471. SDR/PSDR

Yahoo group: V4Protocol
Date: 2013-10-23 05:55:01 UTC
From: Pete Ferrand
Topic: 3471 Message: 3471

Has anyone successfully interfaced the current Chat with the FlexRadio based PSDR software?

I am currently using the Genesis GSDR version. Audio works, haven't gotten the PTT working yet and someone's actual experience could save me some trial and error.

Thanks.

-Pete
WB2QLL
Somers, WI

3472. RE: [V4Protocol] SDR/PSDR

Yahoo group: V4Protocol
Date: 2013-10-23 07:58:22 UTC
From: Rick Muething
Topic: 3471 Message: 3472
Attachments: 2 described; binary payloads are missing from this source WARC

Pete,

I can’t get set up right now for a test on the Flex (I have a Flex 3000 available but no time!). But I would suggest you try the help in the Chat (File, Help Index, Flex SDR radios). That section was “lifted” from the prior V4 Chat help file which was verified and should still work about the same. If it works (or you find a problem or get a configuration that works) let me know and I’ll update the help on the next Rev.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Pete Ferrand
Sent: Wednesday, October 23, 2013 1:55 AM
To: V4Protocol@yahoogroups.com; V4Protocol@yahoogroups.com
Subject: [V4Protocol] SDR/PSDR

Has anyone successfully interfaced the current Chat with the FlexRadio based PSDR software?

I am currently using the Genesis GSDR version. Audio works, haven't gotten the PTT working yet and someone's actual experience could save me some trial and error.

Thanks.

-Pete
WB2QLL
Somers, WI

3473. Beacon Chat 30m

Yahoo group: V4Protocol
Date: 2013-10-23 08:50:11 UTC
From: <micheluze@...>
Topic: 3473 Message: 3473

Beacon all 10mn 10.123 Chat 0.1.6 10w in multi T2FD start 08:50UTC to ?????

3474. Beacon/CQ of F1ABL

Yahoo group: V4Protocol
Date: 2013-10-23 10:28:32 UTC
From: Rick Muething
Topic: 3474 Message: 3474

Captured CQ and Beacon of F1ABL [JN24af] in Chat log 08:40 UTC Oct 23. From KN6KB [EL98pf] on 10123.00 MHz. Power? Antenna?

73,

Rick KN6KB

3475. RE: SDR/PSDR

Yahoo group: V4Protocol
Date: 2013-10-23 10:58:55 UTC
From: <kirk.harding@...>
Topic: 3471 Message: 3475

Pete,

Yes, I have used both my 3000 and 5000 without difficulty. You obviously have paired your PTT with another com port. Use this com port as your PTT control. Also,, (in PWSDR), be sure to set delay time to 0ms. If you need further assistance, look me up on QRZ.com, drop me an email and we can set up a time where I can either call you on the phone or use Skype. My Skype address is k6kar1

73,
Kirk, K6KAR.

---In v4protocol@yahoogroups.com, <rmuething@...> wrote:

Pete,

I can’t get set up right now for a test on the Flex (I have a Flex 3000 available but no time!). But I would suggest you try the help in the Chat (File, Help Index, Flex SDR radios). That section was “lifted” from the prior V4 Chat help file which was verified and should still work about the same. If it works (or you find a problem or get a configuration that works) let me know and I’ll update the help on the next Rev.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Pete Ferrand
Sent: Wednesday, October 23, 2013 1:55 AM
To: V4Protocol@yahoogroups.com; V4Protocol@yahoogroups.com
Subject: [V4Protocol] SDR/PSDR

Has anyone successfully interfaced the current Chat with the FlexRadio based PSDR software?

I am currently using the Genesis GSDR version. Audio works, haven't gotten the PTT working yet and someone's actual experience could save me some trial and error.

Thanks.

-Pete
WB2QLL
Somers, WI

3476. RE: [V4Protocol] RE: SDR/PSDR

Yahoo group: V4Protocol
Date: 2013-10-23 11:34:59 UTC
From: Rick Muething
Topic: 3471 Message: 3476

Thanks Kirk,

Can you spend a few minutes and review the help file in Chat for the SDR operation. Confirm what you can and feel free to suggest any changes or additions and I'll incorporate them into the next rev.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kirk.harding@...
Sent: Wednesday, October 23, 2013 6:59 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: SDR/PSDR

Pete,

Yes, I have used both my 3000 and 5000 without difficulty. You obviously have paired your PTT with another com port. Use this com port as your PTT control. Also,, (in PWSDR), be sure to set delay time to 0ms. If you need further assistance, look me up on QRZ.com, drop me an email and we can set up a time where I can either call you on the phone or use Skype. My Skype address is k6kar1

73,

Kirk, K6KAR.

3477. RE: [V4Protocol] Beacon/CQ of F1ABL

Yahoo group: V4Protocol
Date: 2013-10-23 11:39:05 UTC
From: MICHEL F1ABL
Topic: 3474 Message: 3477
Attachments: 1 described; binary payloads are missing from this source WARC

Rick thanks for report see you only one time see the screen shoot
my text beacon is exactly: BEACON F1ABL JN24OF /10MN ANTENNA T2FD 10W INFOS QRZ.COM 73
I adjusted the send time at 13:13 UTC all 10mn for not interfer with others beacons
Thanks to listeners beacon is on 73
To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Wed, 23 Oct 2013 06:28:32 -0400
Subject: [V4Protocol] Beacon/CQ of F1ABL

Captured CQ and Beacon of F1ABL [JN24af] in Chat log 08:40 UTC Oct 23. From KN6KB [EL98pf] on 10123.00 MHz. Power? Antenna? 73,
Rick KN6KB

3478. Re: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-23 11:27:05 UTC
From: Bastress, David G
Topic: 3470 Message: 3478

GM Rick,

I notice two things happen everytime I open up CHAT. The noise blanker always gets turned OFF and the rig's antenna tuner gets turned ON!! I really don't want either of those things to happen. Otherwise, the rig control works well. I am using a TS-2000.

Hope your trip goes well.

Dave K3GAU
On Oct 22, 2013 7:13 PM, "Rick Muething" <rmuething@...> wrote:

> **
>
>
> All,****
>
> ** **
>
> This should be my last update before leaving for about 10 days. The
> decoding on this version is the same as 0.1.5.0 but a number of cleanup
> items are done including functional fixes to things like Outbound buffer
> queue, Auto ID, logging, display of text sent etc. I also made passes
> through the help files and fixed many of the contradictory statements (left
> over from the old V4 Help file). ****
>
> ** **
>
> It seems to be working well. I have started on the ARQ mechanism and want
> to get that well defined and documented before starting to modify the
> code. ****
>
> ** **
>
> Please report any serious errors. Be sure to look in the help If you have
> questions it covers many questions. ****
>
>
> Thanks again for the feedback and interest. ****
>
> ** **
>
> 73,****
>
>

> Rick KN6KB****
>
> ** **
>
> ** **
>
> Chat Revision History****
>
> Date: Rev Change Summary****
>
> ** **
>
> oct 22, 2013 0.1.6.0 Release of 0.1.5.1****
>
> ** **
>
> Oct 21, 2013 0.1.5.1 Eliminate separate Full and Half duplex FEC
> modes...basically always full duplex if radio will permit, otherwise half
> duplex.****
>
> Change Text display for
> improved readability: Inbound FEC text black (was green), Info text Navy
> ItalicText (was black)****
>
> Text as sent (green)
> others unchanged. ****
>
> Increased brightness of
> rich text box backgrounds (light beige and light blue) for increased
> contrast.****
>
> Fix AutoID function
> (controlled by Host) ****
>
> Add code to display text
> as sent (Green) on the session rich text box and received text (black). **
> **
>
> Implement the Outbound
> queue and buffer reporting.****
>
> Make mods to
> Main.UpdateSessionDisplay to buffer FEC received text for logging (makes
> Chat.log more readable)****
>
> ****
>
> ****
>
> ** **

>
> Oct 21, 2013 0.1.5.0 Release of 0.1.4.1****
>
> ** **
>
> ** **
>
> ** **
>
> H4FSK TNC Revision History****
>
> Date: Rev Change Summary****
>
> ** **
>
> Oct 22, 2013 0.1.6.0 Release of 0.1.5.1****
>
> ** **
>
> Oct 21, 2013 0.1.5.1 Remove decoder test ....was
> confusing and only used to verify initial character coding table.****
>
> Modify
> H4Mod.GenerateLeader to taper on leading and trailing 24 samples (2ms) to
> reduce "clicks" ****
>
> Add
> Globals.AddToOutboundPending and ClearOBQueue to handle Queue data if
> already playing ****
>
> Add OB
> Queue: label on main form and mechanism to update status to Host. ****
>
> Fix AutoID
> function (normally selected by host).****
>
> Send
> ENCODING command to Chat whenever Encoding character set is changed.(allows
> proper display and logging) ****
>
> ** **
>
> Oct 21, 2013 0.1.5.0 Release of 0.1.4.1****
>
> ** **
>
>

3479. RE: [V4Protocol] RE: SDR/PSDR

Yahoo group: V4Protocol
Date: 2013-10-23 11:47:20 UTC
From: Kirk
Topic: 3471 Message: 3479
Attachments: 2 described; binary payloads are missing from this source WARC

Rick,

I'd be happy to do that. I'll email you directly with any potential changes.

With regard to beaconing, would you please shorten the beacon timing? For me, I'd like to see it at 5 minutes and if it's easily doable, have it adjustable in 1 minute increments. i.e. 1 minute to 20 minutes.

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Wednesday, October 23, 2013 6:35 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: SDR/PSDR

Thanks Kirk,

Can you spend a few minutes and review the help file in Chat for the SDR operation. Confirm what you can and feel free to suggest any changes or additions and I'll incorporate them into the next rev.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of kirk.harding@...
Sent: Wednesday, October 23, 2013 6:59 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: SDR/PSDR

Pete,

Yes, I have used both my 3000 and 5000 without difficulty. You obviously have paired your PTT with another com port. Use this com port as your PTT control. Also,, (in PWSDR), be sure to set delay time to 0ms. If you need further assistance, look me up on QRZ.com, drop me an email and we can set up a time where I can either call you on the phone or use Skype. My Skype address is k6kar1

73,

Kirk, K6KAR.

3480. RE: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-23 12:17:22 UTC
From: Rick Muething
Topic: 3470 Message: 3480
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks Dave,

I'll look into that. So far I haven't touched any rig control code that wasn't in V4Chat..Also will look at adding some other rigs like Icom 7000.

Rick

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Bastress, David G
Sent: Wednesday, October 23, 2013 7:27 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

GM Rick,

I notice two things happen everytime I open up CHAT. The noise blanker always gets turned OFF and the rig's antenna tuner gets turned ON!! I really don't want either of those things to happen. Otherwise, the rig control works well. I am using a TS-2000.

Hope your trip goes well.

Dave K3GAU

On Oct 22, 2013 7:13 PM, "Rick Muething" <rmuething@...> wrote:

All,

This should be my last update before leaving for about 10 days. The decoding on this version is the same as 0.1.5.0 but a number of cleanup items are done including functional fixes to things like Outbound buffer queue, Auto ID, logging, display of text sent etc. I also made passes through the help files and fixed many of the contradictory statements (left over from the old V4 Help file).

It seems to be working well. I have started on the ARQ mechanism and want to get that well defined and documented before starting to modify the code.

Please report any serious errors. Be sure to look in the help If you have questions it covers many questions.

Thanks again for the feedback and interest.

73,

Rick KN6KB

Chat Revision History

Date: Rev Change Summary

oct 22, 2013 0.1.6.0 Release of 0.1.5.1

Oct 21, 2013 0.1.5.1 Eliminate separate Full and Half duplex FEC modes...basically always full duplex if radio will permit, otherwise half duplex.

Change Text display for improved readability: Inbound FEC text black (was green), Info text Navy ItalicText (was black)

Text as sent (green) others unchanged.

Increased brightness of rich text box backgrounds (light beige and light blue) for increased contrast.

Fix AutoID function (controlled by Host)

Add code to display text as sent (Green) on the session rich text box and received text (black).

Implement the Outbound queue and buffer reporting.

Make mods to Main.UpdateSessionDisplay to buffer FEC received text for logging (makes Chat.log more readable)

Oct 21, 2013 0.1.5.0 Release of 0.1.4.1

H4FSK TNC Revision History

Date: Rev Change Summary

Oct 22, 2013 0.1.6.0 Release of 0.1.5.1

Oct 21, 2013 0.1.5.1 Remove decoder test ....was confusing and only used to verify initial character coding table.

Modify H4Mod.GenerateLeader to taper on leading and trailing 24 samples (2ms) to reduce "clicks"

Add Globals.AddToOutboundPending and ClearOBQueue to handle Queue data if already playing

Add OB Queue: label on main form and mechanism to update status to Host.

Fix AutoID
function (normally selected by host).

Send
ENCODING command to Chat whenever Encoding character set is changed.(allows proper display and logging)

Oct 21, 2013 0.1.5.0 Release of 0.1.4.1

3481. beacon F1AFZ

Yahoo group: V4Protocol
Date: 2013-10-23 13:47:20 UTC
From: MICHEL F1ABL
Topic: 3481 Message: 3481
Attachments: 1 described; binary payloads are missing from this source WARC

```
decode beacon F1AFZ
```

3482. Re: [V4Protocol] RE: SDR/PSDR

Yahoo group: V4Protocol
Date: 2013-10-23 13:52:52 UTC
From: Pete Ferrand
Topic: 3471 Message: 3482

Hi Kirk:

Thanks for the reply. Couple more specific questions, then:

What is PWSDR?

Does the CAT Control function not work for COM port CAT? It performs PTT with Fldigi, HRD, FreeDV, etc. when paired with vspMgr 1.0.3 and VAC 4.9.

If I set it up for PTT Control, what do you set the RTS/DTR to? What do you set the ID as?

Also, I'm only looking for PTT here, this radio setup cannot be tuned by computer.

Thanks.

-Pete

-----Original Message-----

From: kirk.harding@...

Sent: Oct 23, 2013 5:58 AM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] RE: SDR/PSDR

Pete,

Yes, I have used both my 3000 and 5000 without difficulty. You obviously have paired your PTT with another com port. Use this com port as your PTT control. Also,, (in PWSDR), be sure to set delay time to 0ms. If you need further assistance, look me up on QRZ.com, drop me an email and we can set up a time where I can either call you on the phone or use Skype. My Skype address is k6kar1

73,
Kirk, K6KAR.

---In v4protocol@yahoogroups.com, wrote:

Pete,

I can’t get set up right now for a test on the Flex (I have a Flex 3000 available but no time!). But I would suggest you try the help in the Chat (File, Help Index, Flex SDR radios). That section was “lifted” from the prior V4 Chat help file which was verified and should still work about the same. If it works (or you find a problem or get a configuration that works) let me know and I’ll update the help on the next Rev.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Pete Ferrand
Sent: Wednesday, October 23, 2013 1:55 AM
To: V4Protocol@yahoogroups.com; V4Protocol@yahoogroups.com
Subject: [V4Protocol] SDR/PSDR

Has anyone successfully interfaced the current Chat with the FlexRadio based PSDR software?

I am currently using the Genesis GSDR version. Audio works, haven't gotten the PTT working yet and someone's actual experience could save me some trial and error.

Thanks.

-Pete
WB2QLL
Somers, WI

3483. Re: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-23 12:42:45 UTC
From: Bastress, David G
Topic: 3470 Message: 3483

Rick,

V4CHAT also turns the NB off. Don't remember about the antenna tuner. RMS Express also turns the NB off and I don't remember if it turns the antenna tuner ON or not. Also, everytime the programs open up my rig gives me an audible double beep and things change. I suspect you have used common coding between them for rig control. Why reinvent the wheel, right?

In any case, I don't mind the double beep I would just like to not have to turn the NB back on and turn the AT off everytime I use one of those program. Getting old and sometimes forget. :-)

FLDIGI which uses Hamlab for control does not mess with either function and opens up quietly.

Just something to think about. :-)

Dave K3GAU

On Wed, Oct 23, 2013 at 8:17 AM, Rick Muething <rmuething@...> wrote:

> **
>
>
> Thanks Dave,****
>
> ** **
>
> I'll look into that. So far I haven't touched any rig control code that
> wasn't in V4Chat….Also will look at adding some other rigs like Icom 7000.
> ****
>
> ** **
>
> Rick****
>
> ** **
>
> ** **
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Bastress, David G
> *Sent:* Wednesday, October 23, 2013 7:27 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink

> FTP and Autoupdate server****
>
> ** **
>
> ****
>
> GM Rick,****
>
> I notice two things happen everytime I open up CHAT. The noise blanker
> always gets turned OFF and the rig's antenna tuner gets turned ON!! I
> really don't want either of those things to happen. Otherwise, the rig
> control works well. I am using a TS-2000.****
>
> Hope your trip goes well.****
>
> Dave K3GAU****
>
> On Oct 22, 2013 7:13 PM, "Rick Muething" <rmuething@...> wrote:****
>
> ****
>
> All,****
>
> ****
>
> This should be my last update before leaving for about 10 days. The
> decoding on this version is the same as 0.1.5.0 but a number of cleanup
> items are done including functional fixes to things like Outbound buffer
> queue, Auto ID, logging, display of text sent etc. I also made passes
> through the help files and fixed many of the contradictory statements (left
> over from the old V4 Help file). ****
>
> ****
>
> It seems to be working well. I have started on the ARQ mechanism and want
> to get that well defined and documented before starting to modify the
> code. ****
>
> ****
>
> Please report any serious errors. Be sure to look in the help If you have
> questions it covers many questions. ****
>
>
> Thanks again for the feedback and interest. ****
>
> ****
>
> 73,****
>

>
> Rick KN6KB****
>
> ****
>
> ****
>
> Chat Revision History****
>
> Date: Rev Change Summary****
>
> ****
>
> oct 22, 2013 0.1.6.0 Release of 0.1.5.1****
>
> ****
>
> Oct 21, 2013 0.1.5.1 Eliminate separate Full and Half duplex FEC
> modes...basically always full duplex if radio will permit, otherwise half
> duplex.****
>
> Change Text display for
> improved readability: Inbound FEC text black (was green), Info text Navy
> ItalicText (was black)****
>
> Text as sent (green)
> others unchanged. ****
>
> Increased brightness of
> rich text box backgrounds (light beige and light blue) for increased
> contrast.****
>
> Fix AutoID function
> (controlled by Host) ****
>
> Add code to display text
> as sent (Green) on the session rich text box and received text (black). **
> **
>
> Implement the Outbound
> queue and buffer reporting.****
>
> Make mods to
> Main.UpdateSessionDisplay to buffer FEC received text for logging (makes
> Chat.log more readable)****
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> Oct 21, 2013 0.1.5.0 Release of 0.1.4.1****
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> H4FSK TNC Revision History****
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> Date: Rev Change Summary****
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>
> Oct 22, 2013 0.1.6.0 Release of 0.1.5.1****
>
> ****
>
> Oct 21, 2013 0.1.5.1 Remove decoder test ....was
> confusing and only used to verify initial character coding table.****
>
> Modify
> H4Mod.GenerateLeader to taper on leading and trailing 24 samples (2ms) to
> reduce "clicks" ****
>
> Add
> Globals.AddToOutboundPending and ClearOBQueue to handle Queue data if
> already playing ****
>
> Add OB
> Queue: label on main form and mechanism to update status to Host. ****
>
> Fix AutoID
> function (normally selected by host).****
>
> Send
> ENCODING command to Chat whenever Encoding character set is changed.(allows
> proper display and logging) ****
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>
> Oct 21, 2013 0.1.5.0 Release of 0.1.4.1****
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3484. Re : [V4Protocol] beacon F1AFZ

Yahoo group: V4Protocol
Date: 2013-10-23 14:24:58 UTC
From: Christian F1AFZ
Topic: 3481 Message: 3484
Attachments: 1 described; binary payloads are missing from this source WARC

Thank's Michel

73's Christian F1AFZ
http://www.f1afz.fr
F1AFZ sur Twitter : http://twitter.com/f1afz

-----E-mail d'origine-----
De : MICHEL F1ABL <micheluze@...>
A: V4Chat V4 Yahoo <v4protocol@...m>
Envoyé le : Me, 23 Oct 2013 15:48
Sujet : [V4Protocol] beacon F1AFZ

decode beacon F1AFZ

3485. AW: RE: [V4Protocol] Beacon/CQ of F1ABL [1 Attachment]

Yahoo group: V4Protocol
Date: 2013-10-23 14:47:35 UTC
From: Tom DF5JL
Topic: 3485 Message: 3485

Hi Michael,

why a V4Chat beacon in the cw portion of the 30-m-band and not above 10140 kHz (digimodes)?

Best 73

Tom DF5JL

--- WWW.DF5JL.DE | HF CW/DATA ---

MICHEL F1ABL <micheluze@msn.com> schrieb:

>Rick thanks for report see you only one time see the screen shoot
>my text beacon is exactly: BEACON F1ABL JN24OF /10MN ANTENNA T2FD 10W INFOS QRZ.COM 73
>I adjusted the send time at 13:13 UTC all 10mn for not interfer with others beacons
>Thanks to listeners beacon is on 73
>To: V4Protocol@yahoogroups.com
>From: rmuething@cfl.rr.com
>Date: Wed, 23 Oct 2013 06:28:32 -0400
>Subject: [V4Protocol] Beacon/CQ of F1ABL
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>Captured CQ and Beacon of F1ABL [JN24af] in Chat log 08:40 UTC Oct 23. From KN6KB [EL98pf] on 10123.00 MHz. Power? Antenna? 73,
>Rick KN6KB
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3486. RE: [V4Protocol] RE: SDR/PSDR

Yahoo group: V4Protocol
Date: 2013-10-23 15:27:01 UTC
From: Rick Muething
Topic: 3471 Message: 3486
Attachments: 2 described; binary payloads are missing from this source WARC

Pete,

I am sure the Flex can be tuned by command…basically the same commands as Kenwood. There are users of RMS Trimode (uses a similar radio control driver as Chat) that routinely "scan" using radio control of Flex radios. The click to tune on the H4TNC should work for the flex but I haven't confirmed it.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Pete Ferrand
Sent: Wednesday, October 23, 2013 9:53 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] RE: SDR/PSDR

Hi Kirk:

Thanks for the reply. Couple more specific questions, then:

What is PWSDR?

Does the CAT Control function not work for COM port CAT? It performs PTT with Fldigi, HRD, FreeDV, etc. when paired with vspMgr 1.0.3 and VAC 4.9.

If I set it up for PTT Control, what do you set the RTS/DTR to? What do you set the ID as?

Also, I'm only looking for PTT here, this radio setup cannot be tuned by computer.

Thanks.

-Pete

-----Original Message-----

From: kirk.harding@...

Sent: Oct 23, 2013 5:58 AM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] RE: SDR/PSDR

Pete,

Yes, I have used both my 3000 and 5000 without difficulty. You obviously have paired your PTT with another com port. Use this com port as your PTT control. Also,, (in PWSDR), be sure to set delay time to 0ms. If you need further assistance, look me up on QRZ.com, drop me an email and we can set up a time where I can either call you on the phone or use Skype.

My Skype address is k6kar1

73,
Kirk, K6KAR.

---In v4protocol@yahoogroups.com, wrote:

Pete,

I can’t get set up right now for a test on the Flex (I have a Flex 3000 available but no time!). But I would suggest you try the help in the Chat (File, Help Index, Flex SDR radios). That section was “lifted” from the prior V4 Chat help file which was verified and should still work about the same. If it works (or you find a problem or get a configuration that works) let me know and I’ll update the help on the next Rev.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Pete Ferrand
Sent: Wednesday, October 23, 2013 1:55 AM
To: V4Protocol@yahoogroups.com; V4Protocol@yahoogroups.com
Subject: [V4Protocol] SDR/PSDR

Has anyone successfully interfaced the current Chat with the FlexRadio based PSDR software?

I am currently using the Genesis GSDR version. Audio works, haven't gotten the PTT working yet and someone's actual experience could save me some trial and error.

Thanks.

-Pete
WB2QLL
Somers, WI

3487. RE: [V4Protocol] RE: SDR/PSDR

Yahoo group: V4Protocol
Date: 2013-10-23 15:47:47 UTC
From: Pete Ferrand
Topic: 3471 Message: 3487

Hi Rick:

Yes, but I don't have a Flex, never said I did. Can't afford anything close to that.

I'm using GSDR to drive a SoftRock 6.2, which is running crystal controlled on 8 MHz to a Heath SB-1400 which is acting as a tunable transverter, and even if I could write software for it, it doesn't have the computer interface option.

Has been working fine for a year or so all Fldigi/FreeDV modes, as well as AM and CW with a Delta 44.

-Pete

-----Original Message-----

From: Rick Muething

Sent: Oct 23, 2013 10:27 AM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] RE: SDR/PSDR

Pete,

I am sure the Flex can be tuned by command…basically the same commands as Kenwood. There are users of RMS Trimode (uses a similar radio control driver as Chat) that routinely “scan” using radio control of Flex radios. The click to tune on the H4TNC should work for the flex but I haven’t confirmed it.

Rick KN6KB

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Subject: Re: [V4Protocol] RE: SDR/PSDR

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If I set it up for PTT Control, what do you set the RTS/DTR to? What do you set the ID as?

Also, I'm only looking for PTT here, this radio setup cannot be tuned by computer.

Thanks.

-Pete

-----Original Message-----

From: kirk.harding@...

Sent: Oct 23, 2013 5:58 AM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] RE: SDR/PSDR

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73,
Kirk, K6KAR.

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Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Pete Ferrand
Sent: Wednesday, October 23, 2013 1:55 AM
To: V4Protocol@yahoogroups.com; V4Protocol@yahoogroups.com
Subject: [V4Protocol] SDR/PSDR

Has anyone successfully interfaced the current Chat with the FlexRadio based PSDR software?

I am currently using the Genesis GSDR version. Audio works, haven't gotten the PTT working yet and someone's actual experience could save me some trial and error.

Thanks.

-Pete
WB2QLL
Somers, WI

3488. RE: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-23 15:48:04 UTC
From: Rick Muething
Topic: 3470 Message: 3488
Attachments: 2 described; binary payloads are missing from this source WARC

Dave,

I'll take out the Kenwood commands that turn off the Noise blanker, Noise Reducer and Beat Canceller. Those shouldn't be needed (it will just leave the radio as is) but will probably be OK if left active (it's hard to predict what some of these DSP based "filters" will do to the signal but 4FSK is more tolerant than PSK or QAM modes). In general Radio DSP functions like noise blankers and DSP notches add distortion and unpredictability to the received waveform of digital modes that can't be easily undone. The tight audio filters and Goertzel tone decoders using in the H4 TNC should be all the digital "filtering" that is necessary.

The beep you hear is the result from a command from Chat to read the radio dial. Basically the radio gives a beep every time it receives a command (usually the default setting of the radio) but you can usually turn it off in a menu of the radio. It is similar radio control code to RMS Express but there are some differences (e.g. RMS Express doesn't read back the radio dial or support "click-to-tune" like Chat does).

I generally don't like trying to "piggy back" on existing 3rd party control interfaces or software. Some of these (e.g. Ham radio deluxe etc. not sure about Hamlab) introduce significant delays (due to software polling) and that can cause serious degradation and variation on Transmit > Receive latency which is critical on ARQ modes. Any delay or uncertainty in the T>R or R>T timing ends up requiring larger timing margins and can significantly affect ARQ net throughput and reliability.

73 and thanks for the feedback,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Bastress, David G
Sent: Wednesday, October 23, 2013 8:43 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

Rick,

V4CHAT also turns the NB off. Don't remember about the antenna tuner. RMS Express also turns the NB off and I don't remember if it turns the antenna tuner ON or not. Also, everytime the programs open up my rig gives me an audible double beep and things change. I suspect you have used common coding between them for rig control. Why reinvent the wheel, right?

In any case, I don't mind the double beep I would just like to not have to turn the NB back on and turn the AT off everytime I use one of those program. Getting old and sometimes forget. :-)

FLDIGI which uses Hamlab for control does not mess with either function and opens up quietly.

Just something to think about. :-)

Dave K3GAU

On Wed, Oct 23, 2013 at 8:17 AM, Rick Muething <rmuething@...> wrote:

Thanks Dave,

I'll look into that. So far I haven't touched any rig control code that wasn't in V4Chat..Also will look at adding some other rigs like Icom 7000.

Rick

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Bastress, David G
Sent: Wednesday, October 23, 2013 7:27 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

GM Rick,

I notice two things happen everytime I open up CHAT. The noise blanker always gets turned OFF and the rig's antenna tuner gets turned ON!! I really don't want either of those things to happen. Otherwise, the rig control works well. I am using a TS-2000.

Hope your trip goes well.

Dave K3GAU

On Oct 22, 2013 7:13 PM, "Rick Muething" <rmuething@...> wrote:

All,

This should be my last update before leaving for about 10 days. The decoding on this version is the same as 0.1.5.0 but a number of cleanup items are done including functional fixes to things like Outbound buffer queue, Auto ID, logging, display of text sent etc. I also made passes through the help files and fixed many of the contradictory statements (left over from the old V4 Help file).

It seems to be working well. I have started on the ARQ mechanism and want to get that well defined and documented before starting to modify the code.

Please report any serious errors. Be sure to look in the help If you have questions it covers many questions.

Thanks again for the feedback and interest.

73,

Rick KN6KB

Chat Revision History

Date: Rev Change Summary

oct 22, 2013 0.1.6.0 Release of 0.1.5.1

Oct 21, 2013 0.1.5.1 Eliminate separate Full and Half duplex FEC modes...basically always full duplex if radio will permit, otherwise half duplex.

Change Text display for improved readability: Inbound FEC text black (was green), Info text Navy ItalicText (was black)

Text as sent (green) others unchanged.

Increased brightness of rich text box backgrounds (light beige and light blue) for increased contrast.

Fix AutoID function (controlled by Host)

Add code to display text as sent (Green) on the session rich text box and received text (black).

Implement the Outbound queue and buffer reporting.

Make mods to Main.UpdateSessionDisplay to buffer FEC received text for logging (makes Chat.log more readable)

Oct 21, 2013 0.1.5.0 Release of 0.1.4.1

H4FSK TNC Revision History

Date: Rev Change Summary

Oct 22, 2013 0.1.6.0 Release of 0.1.5.1

Oct 21, 2013 0.1.5.1 Remove decoder test ....was confusing and only used to verify initial character coding table.

Modify H4Mod.GenerateLeader to taper on leading and trailing 24 samples (2ms) to reduce "clicks"

Add Globals.AddToOutboundPending and ClearOBQueue to handle Queue data if

already playing

Add OB
Queue: label on main form and mechanism to update status to Host.

Fix AutoID
function (normally selected by host).

Send
ENCODING command to Chat whenever Encoding character set is changed.(allows proper display and logging)

Oct 21, 2013 0.1.5.0 Release of 0.1.4.1

3489. Re: [V4Protocol] Beacon/CQ of F1ABL [1 Attachment]

Yahoo group: V4Protocol
Date: 2013-10-23 15:58:04 UTC
From: W6IDS
Topic: 3474 Message: 3489

I'm going to tag along on this thread and announce that I had my first Chat connect with KF5IAD on 14073.000 this morning at 1536Z or thereabouts. Broke the ice with the newest Chat release Rick just put out.

Is there a migration trend to 10Mhz now for Chat operation? I don't have an antenna for that range yet.

I have to say that using Chat surprised me a little. I initially used WORD to initiate transmission as I was expecting words to be sent as I completed them on ONE LINE. Then, when I hit CR, I'd create a new line - - DUH. <GRIN> I quickly found out that each word got sent on individual lines. I changed to CR so I send "blocks" of words per se. If you treat it like a type ahead buffer style, it seems to be OK that way.

Waiting for the ARQ capability. I'm used to that with Pactor. I do like Rick's work.

Regards to all,

Howard W6IDS
Richmond, IN EM79NV

From: MICHEL F1ABL
Sent: Wednesday, October 23, 2013 7:39 AM
To: V4Chat V4 Yahoo
Subject: RE: [V4Protocol] Beacon/CQ of F1ABL [1 Attachment]

Rick thanks for report see you only one time see the screen shoot
my text beacon is exactly: BEACON F1ABL JN24OF /10MN ANTENNA T2FD 10W INFOS QRZ.COM 73
I adjusted the send time at 13:13 UTC all 10mn for not interfer with others beacons
Thanks to listeners beacon is on 73

To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Wed, 23 Oct 2013 06:28:32 -0400
Subject: [V4Protocol] Beacon/CQ of F1ABL

Captured CQ and Beacon of F1ABL [JN24af] in Chat log 08:40 UTC Oct 23. From KN6KB [EL98pf] on 10123.00 MHz. Power? Antenna?

73,

Rick KN6KB

3490. RE: [V4Protocol] RE: SDR/PSDR

Yahoo group: V4Protocol
Date: 2013-10-23 16:00:44 UTC
From: Rick Muething
Topic: 3471 Message: 3490

Sorry Pete…must have misinterpreted your prior response.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Pete Ferrand
Sent: Wednesday, October 23, 2013 11:48 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: SDR/PSDR

Hi Rick:

Yes, but I don't have a Flex, never said I did. Can't afford anything close to that.

I'm using GSDR to drive a SoftRock 6.2, which is running crystal controlled on 8 MHz to a Heath SB-1400 which is acting as a tunable transverter, and even if I could write software for it, it doesn't have the computer interface option.

Has been working fine for a year or so all Fldigi/FreeDV modes, as well as AM and CW with a Delta 44.

-Pete

3491. 10.123 VChat IARU not for region 1

Yahoo group: V4Protocol
Date: 2013-10-23 16:39:26 UTC
From: MICHEL F1ABL
Topic: 3485 Message: 3491

VChat use 200HzBW = Narrow band it is write in the users guide.
Digimodes is BW over 500Hz
Narrow band is BW inside 500Hz
I see on yahoo groupe the activity VChat is on 10.123
CW have 10.100 to 10.140 I think for experimental mode have a place to 200hz on this segment .
OK dear DF5JL I stop all transmission below 10.140, you have WSPR JT65A JT9 below 10.140 I think you may contact this groups to advertise they are in illegality, it is fun that LotW (ARRL) confirm the QSO, not in CW, made on this bad band ??
thanks for your infos 73

To: V4Protocol@yahoogroups.com
From: df5jl@...m
Date: Wed, 23 Oct 2013 16:47:35 +0200
Subject: AW: RE: [V4Protocol] Beacon/CQ of F1ABL

Hi Michael,

why a V4Chat beacon in the cw portion of the 30-m-band and not above 10140 kHz (digimodes)?

Best 73

Tom DF5JL

--- WWW.DF5JL.DE | HF CW/DATA ---

MICHEL F1ABL <micheluze@...> schrieb:

Rick thanks for report see you only one time see the screen shoot
my text beacon is exactly: BEACON F1ABL JN24OF /10MN ANTENNA T2FD 10W INFOS QRZ.COM 73
I adjusted the send time at 13:13 UTC all 10mn for not interfer with others beacons
Thanks to listeners beacon is on 73
To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Wed, 23 Oct 2013 06:28:32 -0400
Subject: [V4Protocol] Beacon/CQ of F1ABL

Captured CQ and Beacon of F1ABL [JN24af] in Chat log 08:40 UTC Oct 23. From KN6KB [EL98pf] on 10123.00 MHz. Power? Antenna? 73,
Rick KN6KB

3492. Observation!!!

Yahoo group: V4Protocol
Date: 2013-10-23 16:51:46 UTC
From: Rick Muething
Topic: 3485 Message: 3492
Attachments: 1 described; binary payloads are missing from this source WARC

I just observed the following that indicates a problem with the sending station (KD4JRX) The problem is due to short term frequency instability. This can be seen in the cyclic nature of the Decode quality plot below. Normally it should be a fairly straight line with random disturbance...The cyclic nature indicates the transmitter is drifting several Hz between each sync character and then the DSP software retunes during the sync times. Without knowing the transmitter my guess is either it is an old unit or perhaps has a marginal DC power source. This can't be fixed easily in the software without inserting many more sync characters and slowing down the throughput substantially. (Now there is a sync character every 7 characters or about 1 per second). Such a transmitter would likely also have very significant problems trying to do PSK or QAM modes. I haven't seen this yet and it looks to be rare but it might be good to know what the transmitter is or to pin it down to a drooping power supply.
73,

Rick KN6KB

Reply to sender Reply to group Start a New Topic Messages in this topic (2)

Recen

3493. RE: Observation!!!

Yahoo group: V4Protocol
Date: 2013-10-23 16:56:15 UTC
From: <russtower@...>
Topic: 3485 Message: 3493

Seeing this too here, Rick. Thanks for you analysis.

73/Russ
K1DOW

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

I just observed the following that indicates a problem with the sending station (KD4JRX) The problem is due to short term frequency instability. This can be seen in the cyclic nature of the Decode quality plot below. Normally it should be a fairly straight line with random disturbance...The cyclic nature indicates the transmitter is drifting several Hz between each sync character and then the DSP software retunes during the sync times. Without knowing the transmitter my guess is either it is an old unit or perhaps has a marginal DC power source. This can’t be fixed easily in the software without inserting many more sync characters and slowing down the throughput substantially. (Now there is a sync character every 7 characters or about 1 per second). Such a transmitter would likely also have very significant problems trying to do PSK or QAM modes. I haven’t seen this yet and it looks to be rare but it might be good to know what the transmitter is or to pin it down to a drooping power supply.

73,

Rick KN6KB

Reply to sender Reply to group Start a New Topic Messages in this topic (2) Recen

3494. RE: [V4Protocol] RE: SDR/PSDR

Yahoo group: V4Protocol
Date: 2013-10-23 17:10:53 UTC
From: Kirk
Topic: 3471 Message: 3494
Attachments: 2 described; binary payloads are missing from this source WARC

Pete,

I understand you are not using a Flex Radio but you are using Flex Radio or HDSDR SW! PWSDR (Power Software Designed Radio) is the actual name of the software you reference as PSDR.

In the PWSDR SW, under “CAT Control,” there are two settings you need to invoke. One is labeled “CAT Control” which once connected to the Chat program will allow the chat program to follow your radios frequency setting. The second setting is “PTT Control” which provides for transmit receive control. I’m not at my radio but as I recall, I use both RTS and DTR. I guess the simple solution here is to initially try both and if this works, great. If not, try one and then the other. As far as the Chat program setting, I followed the help file for Flex Radio and this seems to work FB. You can set the ID as either Kenwood or Flex Radio. Both follow the same protocol.

Let me know if you are still having a problem. If so, what I can do, using TeamViewer, is connect directly to your computer and make the changes for you. I frequently do this for others and most of the time, fix the problem/s.

73,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Pete Ferrand
Sent: Wednesday, October 23, 2013 8:53 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] RE: SDR/PSDR

Hi Kirk:

Thanks for the reply. Couple more specific questions, then:

What is PWSDR?

Does the CAT Control function not work for COM port CAT? It performs PTT with Fldigi, HRD, FreeDV, etc. when paired with vspMgr 1.0.3 and VAC 4.9.

If I set it up for PTT Control, what do you set the RTS/DTR to? What do you set the ID as?

Also, I'm only looking for PTT here, this radio setup cannot be tuned by computer.

Thanks.

-Pete

-----Original Message-----

From: kirk.harding@...

Sent: Oct 23, 2013 5:58 AM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] RE: SDR/PSDR

Pete,

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73,
Kirk, K6KAR.

---In v4protocol@yahoogroups.com, wrote:

Pete,

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Sent: Wednesday, October 23, 2013 1:55 AM
To: V4Protocol@yahoogroups.com; V4Protocol@yahoogroups.com
Subject: [V4Protocol] SDR/PSDR

Has anyone successfully interfaced the current Chat with the FlexRadio based PSDR software?

I am currently using the Genesis GSDR version. Audio works, haven't gotten the PTT working yet and someone's actual experience could save me some trial and error.

Thanks.

-Pete
WB2QLL
Somers, WI

3495. Re: [V4Protocol] RE: Observation!!!

Yahoo group: V4Protocol
Date: 2013-10-23 19:39:52 UTC
From: Rick Muething
Topic: 3485 Message: 3495

All,

I made a quick test version to use a DSP technique called a Quinn spectrum interpolator that allows fairly accurate FFT bin interpolation and use that to log the estimated frequency offsets during the decode. Here are two sessions each about 1 second long which shows the problems observed on a few stations.

This first one is a good solid decode. A “soft” distance of 1.16 average for the 7 characters. (A perfect soft decode ...never happens! would be a distance of 0. 1 is very good. You start picking up errors in the range of 2-3. Note that the estimated drift from the initial tuning on the right. The Quinn estimator is probably only good to about 2 Hz the way I used it here. Still these track fairly well.

2013/10/23 18:18:54.36 [0.1.6.1] [MixDecode8Bitcharacter] Estimated Drift of last symbol on Character 1 = .26 Hz
2013/10/23 18:18:54.48 [0.1.6.1] [MixDecode8Bitcharacter] Estimated Drift of last symbol on Character 2 = 2.36 Hz
2013/10/23 18:18:54.62 [0.1.6.1] [MixDecode8Bitcharacter] Estimated Drift of last symbol on Character 3 = 1.32 Hz
2013/10/23 18:18:54.73 [0.1.6.1] [MixDecode8Bitcharacter] Estimated Drift of last symbol on Character 4 = 3.27 Hz
2013/10/23 18:18:54.87 [0.1.6.1] [MixDecode8Bitcharacter] Estimated Drift of last symbol on Character 5 = 6.28 Hz
2013/10/23 18:18:54.98 [0.1.6.1] [MixDecode8Bitcharacter] Estimated Drift of last symbol on Character 6 = .64 Hz
2013/10/23 18:18:55.15 [0.1.6.1] [MixDecode8Bitcharacter] Estimated Drift of last symbol on Character 7 = -1.12 Hz
2013/10/23 18:18:55.16 [0.1.6.1] [ProcessNewSamples] Avg Distance for 7 characters = 1.16 Go to TRACK state.

Now compare a similar 1 second group of 7 characters on a station showing a cyclic (sawtooth like) decode quality. Note the initial offset is good (this is the first character seen after the DSP tune. But see the large errors in the 4th 5th and 6th characters...up to 1/2 bin (a bin is = to the baud rate or 46.875 Hz). This is quite a large shift and shows a 15 Hz shift over just 250 ms ....Not very good stability. I suspect it may have to do with the power supply to the radio

2013/10/23 19:21:19.92 [0.1.6.1] [MixDecode8Bitcharacter] Estimated Drift of last symbol on Character 1 = 1.76 Hz
2013/10/23 19:21:20.03 [0.1.6.1] [MixDecode8Bitcharacter] Estimated Drift of last symbol on Character 2 = .94 Hz
2013/10/23 19:21:20.17 [0.1.6.1] [MixDecode8Bitcharacter] Estimated Drift of last symbol on Character 3 = -3.52 Hz
2013/10/23 19:21:20.28 [0.1.6.1] [MixDecode8Bitcharacter] Estimated Drift of last symbol on Character 4 = -5.70 Hz
2013/10/23 19:21:20.42 [0.1.6.1] [MixDecode8Bitcharacter] Estimated Drift of last symbol

on Character 5 = -19.23 Hz
2013/10/23 19:21:20.53 [0.1.6.1] [MixDecode8Bitcharacter] Estimated Drift of last symbol on Character 6 = -20.09 Hz
2013/10/23 19:21:20.67 [0.1.6.1] [MixDecode8Bitcharacter] Estimated Drift of last symbol on Character 7 = 3.13 Hz
2013/10/23 19:21:20.68 [0.1.6.1] [ProcessNewSamples] Avg Distance for 7 characters = 1.98
Go to TRACK state.

Although there is some trending the measurements are difficult to make rapidly and apply dynamically for correction. It doesn't look like a smooth drift over the 1 second frame time and that make compensation or correction much more difficult (and CPU intensive).

Just an observation for now...keep your eye out for this and see if it seems to track specific stations and what might be the main cause of this.

Oh well if it were easy everyone would do it!

73,

Rick KN6KB

3496. Re: [V4Protocol] 10.123 VChat IARU not for region 1

Yahoo group: V4Protocol
Date: 2013-10-23 19:40:43 UTC
From: Tom DF5JL
Topic: 3485 Message: 3496

Hi Michael,

I don`t want to criticize you, it was just a recommendation for usage
and a note to IARU regulations. I think that you will get more
"listeners" too, if you transmit above 10140 kHz. And interfering with
CW stations will be minimized. That could be a win-win-situation for
both, CWists and the digital ops.

I wish you success with your experiments and maybe we'll met in V4chat;
I often listen at 10143 kHz for various modes. The last autumn storm has
damaged my coax connector at the T2FD antenna, but I am hopefully to fix
it asap.

Best 73
Tom DF5JL

--

Am 23.10.13 18:39, schrieb MICHEL F1ABL:
>
> VChat use 200HzBW = Narrow band it is write in the users guide.
> Digimodes is BW over 500Hz
> Narrow band is BW inside 500Hz
> I see on yahoo groupe the activity VChat is on 10.123
> CW have 10.100 to 10.140 I think for experimental mode have a place
> to 200hz on this segment .
> OK dear DF5JL I stop all transmission below 10.140, you have WSPR
> JT65A JT9 below 10.140 I think you may contact this groups to
> advertise they are in illegality, it is fun that LotW (ARRL) confirm
> the QSO, not in CW, made on this bad band ??
> thanks for your infos 73
>

--
Tom DF5JL | QTH Euskirchen (D) | JO30KO | N 50.61 E 6.87
df5jl.tumblr.com | df5jl.wordpress.com | www.df5jl.de

3497. RE: [V4Protocol] 10.123 VChat IARU not for region 1

Yahoo group: V4Protocol
Date: 2013-10-23 20:14:36 UTC
From: Rick Muething
Topic: 3485 Message: 3497
Attachments: 2 described; binary payloads are missing from this source WARC

Tom,

Above 10140 is in the auto forward sub band normally allocated to wideband (> 500 Hz modes). In the US wideband modes MUST be in the 10140 to 10150 range. Pactor and WINMOR stations routinely use the area 10120 and up (500 Hz modes 10120 to 10140) 2100 Hz bandwidth 10140-10150.

We are doing some preliminary testing of this new mode and of course can use other frequencies though no one owns any specific frequency.we tried to move above 10120 to leave the bottom 20 Khz for pure CW.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of MICHEL F1ABL
Sent: Wednesday, October 23, 2013 12:39 PM
To: V4Chat V4 Yahoo
Subject: [V4Protocol] 10.123 VChat IARU not for region 1

VChat use 200HzBW = Narrow band it is write in the users guide.
Digimodes is BW over 500Hz
Narrow band is BW inside 500Hz
I see on yahoo groupe the activity VChat is on 10.123
CW have 10.100 to 10.140 I think for experimental mode have a place to 200hz on this segment .
OK dear DF5JL I stop all transmission below 10.140, you have WSPR JT65A JT9 below 10.140 I think you may contact this groups to advertise they are in illegality, it is fun that LotW (ARRL) confirm the QSO, not in CW, made on this bad band ??
thanks for your infos 73

To: V4Protocol@yahoogroups.com
From: df5jl@...
Date: Wed, 23 Oct 2013 16:47:35 +0200
Subject: AW: RE: [V4Protocol] Beacon/CQ of F1ABL

Hi Michael,

why a V4Chat beacon in the cw portion of the 30-m-band and not above 10140 kHz (digimodes)?

Best 73

Tom DF5JL

--- WWW.DF5JL.DE | HF CW/DATA ---

MICHEL F1ABL <micheluze@...> schrieb:

Rick thanks for report see you only one time see the screen shoot
my text beacon is exactly: BEACON F1ABL JN24OF /10MN ANTENNA T2FD 10W INFOS QRZ.COM 73
I adjusted the send time at 13:13 UTC all 10mn for not interfer with others beacons
Thanks to listeners beacon is on 73

To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Wed, 23 Oct 2013 06:28:32 -0400
Subject: [V4Protocol] Beacon/CQ of F1ABL

Captured CQ and Beacon of F1ABL [JN24af] in Chat log 08:40 UTC Oct 23.
From KN6KB [EL98pf] on 10123.00 MHz. Power? Antenna?

73,

Rick KN6KB

3498. AW: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-23 16:30:13 UTC
From: siegfried jackstien
Topic: 3470 Message: 3498

Hello rick

What I have here is:

During transmit the soft should NOT do anything via usb port (polling frequency or something like that)

The polling (here on my setup) gives some slight audio background noise (that adds to the transmitted signal!!!!!)

So ... the poll should be "paused" during a transmit session ...

Only at start or end of a transmit session the port can be polled once (if needed for setting ptt via cat for any radio that has cat ptt instead of hard wired ptt)

That should give clean transmit audio

Your soft polls every few seconds (iirr 3 seconds?!?)

Can that be "paused" during transmitting?!?

....

Greetz

Sigi

Dg9bfc

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Mittwoch, 23. Oktober 2013 15:48
> An: V4Protocol@yahoogroups.com
> Betreff: RE: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP
> and Autoupdate server
>
>
>
> Dave,
>
>
>
> I□ll take out the Kenwood commands that turn off the Noise blanker, Noise
> Reducer and Beat Canceller. Those shouldn□t be needed (it will just leave

> the radio as is) but will probably be OK if left active (it☐s hard to
> predict what some of these DSP based ☐filters☐ will do to the signal but
> 4FSK is more tolerant than PSK or QAM modes). In general Radio DSP
> functions like noise blankers and DSP notches add distortion and
> unpredictability to the received waveform of digital modes that can☐t be
> easily undone. The tight audio filters and Goertzel tone decoders using
> in the H4 TNC should be all the digital ☐filtering☐ that is necessary.
>
>
>
> The beep you hear is the result from a command from Chat to read the radio
> dial. Basically the radio gives a beep every time it receives a command
> (usually the default setting of the radio) but you can usually turn it off
> in a menu of the radio. It is similar radio control code to RMS Express
> but there are some differences (e.g. RMS Express doesn☐t read back the
> radio dial or support ☐click-to-tune☐ like Chat does).
>
>
>
> I generally don☐t like trying to ☐piggy back☐ on existing 3rd party
> control interfaces or software. Some of these (e.g. Ham radio deluxe etc.
> not sure about Hamlab) introduce significant delays (due to software
> polling) and that can cause serious degradation and variation on Transmit
> > Receive latency which is critical on ARQ modes. Any delay or
> uncertainty in the T>R or R>T timing ends up requiring larger timing
> margins and can significantly affect ARQ net throughput and reliability.
>
>
>
> 73 and thanks for the feedback,
>
>
>
> Rick KN6KB
>
>
>
>
>
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of Bastress, David G
> Sent: Wednesday, October 23, 2013 8:43 AM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP
> and Autoupdate server
>
>

>
>
>
> Rick,
>
>
>
> V4CHAT also turns the NB off. Don't remember about the antenna tuner.
> RMS Express also turns the NB off and I don't remember if it turns the
> antenna tuner ON or not. Also, everytime the programs open up my rig
> gives me an audible double beep and things change. I suspect you have
> used common coding between them for rig control. Why reinvent the wheel,
> right?
>
>
>
> In any case, I don't mind the double beep I would just like to not have to
> turn the NB back on and turn the AT off everytime I use one of those
> program. Getting old and sometimes forget. :-)
>
>
>
> FLDIGI which uses Hamlab for control does not mess with either function
> and opens up quietly.
>
>
>
> Just something to think about. :-)
>
>
>
> Dave K3GAU
>
>
>
> On Wed, Oct 23, 2013 at 8:17 AM, Rick Muething <rmuething@...>
> wrote:
>
>
>
> Thanks Dave,
>
>
>
> I□ll look into that. So far I haven□t touched any rig control code that
> wasn□t in V4Chat .Also will look at adding some other rigs like Icom 7000.
>
>
>

> Rick
>
>
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of Bastress, David G
> Sent: Wednesday, October 23, 2013 7:27 AM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP
> and Autoupdate server
>
>
>
>
>
> GM Rick,
>
> I notice two things happen everytime I open up CHAT. The noise blanker
> always gets turned OFF and the rig's antenna tuner gets turned ON!! I
> really don't want either of those things to happen. Otherwise, the rig
> control works well. I am using a TS-2000.
>
> Hope your trip goes well.
>
> Dave K3GAU
>
> On Oct 22, 2013 7:13 PM, "Rick Muething" <rmuething@cfl.rr.com> wrote:
>
>
>
> All,
>
>
>
> This should be my last update before leaving for about 10 days. The
> decoding on this version is the same as 0.1.5.0 but a number of cleanup
> items are done including functional fixes to things like Outbound buffer
> queue, Auto ID, logging, display of text sent etc. I also made passes
> through the help files and fixed many of the contradictory statements
> (left over from the old V4 Help file).
>
>
>
> It seems to be working well. I have started on the ARQ mechanism and want
> to get that well defined and documented before starting to modify the
> code.
>

>
>
> Please report any serious errors. Be sure to look in the help If you have
> questions it covers many questions.
>
>
> Thanks again for the feedback and interest.
>
>
>
> 73,
>
>
> Rick KN6KB
>
>
>
>
>
> Chat Revision History
>
> Date: Rev Change Summary
>
>
>
> oct 22, 2013 0.1.6.0 Release of 0.1.5.1
>
>
>
> Oct 21, 2013 0.1.5.1 Eliminate separate Full and Half duplex FEC
> modes...basically always full duplex if radio will permit, otherwise half
> duplex.
>
> Change Text display for
> improved readability: Inbound FEC text black (was green), Info text Navy
> ItalicText (was black)
>
> Text as sent (green)
> others unchanged.
>
> Increased brightness of
> rich text box backgrounds (light beige and light blue) for increased
> contrast.
>
> Fix AutoID function
> (controlled by Host)
>
> Add code to display text
> as sent (Green) on the session rich text box and received text (black).

>
> Implement the Outbound
> queue and buffer reporting.
>
> Make mods to
> Main.UpdateSessionDisplay to buffer FEC received text for logging (makes
> Chat.log more readable)
>
>
>
>
>
>
>
> Oct 21, 2013 0.1.5.0 Release of 0.1.4.1
>
>
>
>
>
>
>
> H4FSK TNC Revision History
>
> Date: Rev Change Summary
>
>
>
> Oct 22, 2013 0.1.6.0 Release of 0.1.5.1
>
>
>
> Oct 21, 2013 0.1.5.1 Remove decoder test ....was
> confusing and only used to verify initial character coding table.
>
> Modify
> H4Mod.GenerateLeader to taper on leading and trailing 24 samples (2ms) to
> reduce "clicks"
>
> Add
> Globals.AddToOutboundPending and ClearOBQueue to handle Queue data if
> already playing
>
> Add OB
> Queue: label on main form and mechanism to update status to Host.
>
> Fix AutoID
> function (normally selected by host).
>

> Send
> ENCODING command to Chat whenever Encoding character set is
> changed.(allows proper display and logging)
>
>
>
> Oct 21, 2013 0.1.5.0 Release of 0.1.4.1
>
>
>
>
>
>

3499. New Chat ops With v0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-24 00:12:54 UTC
From: W6IDS
Topic: 3474 Message: 3499

I did my install of the newly released v0.1.6.0 yesterday. Got it up and running. In looking around, I see where there are some 10 Mhz ops taking place, including some beacon activity. I don't have a 10 Mhz antenna at the moment, so I initially came up on 14073.000 with my LPDA at 50 ft and VOILA! Made some contacts.

Is anyone running 7 Mhz with Chat? Anyone ever try? Not sure what the path might be like.

I read where Dave K3GAU is hanging out on anywhere between 3584 and around 3587 in the evenings. Jeez, I have a reason now to fix my 80 meter wire that got torn down by a B I G tree limb a couple of months back.

Howard W6IDS
Richmond, IN EM79NV

3500. Re: [V4Protocol] New Chat ops With v0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-24 00:26:34 UTC
From: Don Poaps
Topic: 3474 Message: 3500

10 m been open the few days. I only get a chance to do 30 m during the day.
I only pick up a local ham from Victoria.
What would be a good 10 m spot to use as we could get Hams with VHF and 10
m credentials. Just a thought.

Don va7dgp

On Wednesday, October 23, 2013, W6IDS wrote:

> **
>
>
>
>
> I did my install of the newly released v0.1.6.0 yesterday. Got it up and
> running. In looking around, I see where there are some 10 Mhz ops
> taking place, including some beacon activity. I don’t have a 10 Mhz
> antenna at the moment, so I initially came up on 14073.000 with my
> LPDA at 50 ft and VOILA! Made some contacts.
>
> Is anyone running 7 Mhz with Chat? Anyone ever try? Not sure what
> the path might be like.
>
> I read where Dave K3GAU is hanging out on anywhere between 3584
> and around 3587 in the evenings. Jeez, I have a reason now to fix my
> 80 meter wire that got torn down by a B I G tree limb a couple of months
> back.
>
> Howard W6IDS
> Richmond, IN EM79NV
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3501. Re: [V4Protocol] New Chat ops With v0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-24 01:20:41 UTC
From: W6IDS
Topic: 3474 Message: 3501

That might make for a reasonable topic of discussion.
Personally, I'd think it's wide open, wouldn't it be? At
least there's a wider piece of real estate up there per
se.

Hmmm. . . . a ten meter radio, parked on 10m with a
Chat beacon, available to connect when possible.

So, say again what your experience has been on 10
and about that Victoria Ham? I know you mentioned
daytime 30 meters but what is your thinking about
10 meters?

Just for grins, at 0115Z, I moved down to 7061.000
with the Chat from 14073.000.

I have an LPDA that I'm using for 20 – 10 meters at
this station. I was wondering if I should look to a
vertical antenna for some of this specific purpose
operation, especially for 10 meters.

Howard W6IDS
Richmond, IN EM79NV

From: Don Poaps
Sent: Wednesday, October 23, 2013 8:26 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] New Chat ops With v0.1.6.0

10 m been open the few days. I only get a chance to do 30 m during the day. I only pick up a local ham from Victoria.
What would be a good 10 m spot to use as we could get Hams with VHF and 10 m credentials. Just a thought.

Don va7dgp

<SNIP> <SNIP>

3502. RE: Re: [V4Protocol] New Chat ops With v0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-24 01:43:43 UTC
From: <esunetdude@...>
Topic: 3474 Message: 3502

Yes, seems 10 meters is showing signs of life lately, Finally, I might add. What about using 28.223 Mhz? On 30M we're using 10.123 but I think 28.123 would be in conflict with other traffic on 10 meters. But I almost never hear anything around the 28.223 mark. Thoughts or ideas?

Doug N3JXB

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

10 m been open the few days. I only get a chance to do 30 m during the day. I only pick up a local ham from Victoria. What would be a good 10 m spot to use as we could get Hams with VHF and 10 m credentials. Just a thought.

Don va7dgp

On Wednesday, October 23, 2013, W6IDS wrote:

I did my install of the newly released v0.1.6.0 yesterday. Got it up and running. In looking around, I see where there are some 10 Mhz ops taking place, including some beacon activity. I don’t have a 10 Mhz antenna at the moment, so I initially came up on 14073.000 with my LPDA at 50 ft and VOILA! Made some contacts.

Is anyone running 7 Mhz with Chat? Anyone ever try? Not sure what the path might be like.

I read where Dave K3GAU is hanging out on anywhere between 3584 and around 3587 in the evenings. Jeez, I have a reason now to fix my 80 meter wire that got torn down by a B I G tree limb a couple of months back.

Howard W6IDS
Richmond, IN EM79NV

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3503. RE: [V4Protocol] RE: SDR/PSDR

Yahoo group: V4Protocol
Date: 2013-10-24 01:43:54 UTC
From: Pete Ferrand
Topic: 3471 Message: 3503

Kirk:

Strange. In the seven years I've been using PowerSDR and two or three of its forks as part of my station I have never seen it referred to as PWSDR. The "W" doesn't stand for a word :)

I have subscribed to the softrock40 Yahoo group almost since the start...searching the eight years of the mail list I just counted 49 references to PWSDR, and 3800 references to PSDR.

Currently as I've said I'm using GSDR, the Genesis version.

I take it from what you say that Rick's program does not produce a PTT CAT command, unlike Fldigi and all my other digital programs. I must use the separate PTT function of GSDR.

So the remaining question is, does one have to use the Eterlogic serial port program as Rick's help suggests or does vspMgr work? vspMgr works with everything else and I'm not crazy about maintaining two port emulators on the same computer.

-Pete

-----Original Message-----

From: Kirk

Sent: Oct 23, 2013 12:10 PM

To: V4Protocol@yahoogroups.com

Subject: RE: [V4Protocol] RE: SDR/PSDR

Pete, I understand you are not using a Flex Radio but you are using Flex Radio or HDSDR SW! PWSDR (Power Software Designed Radio) is the actual name of the software you reference as PSDR.In the PWSDR SW, under “CAT Control,” there are two settings you need to invoke. One is labeled “CAT Control” which once connected to the Chat program will allow the chat program to follow your radios frequency setting. The second setting is “PTT Control” which provides for transmit receive control. I’m not at my radio but as I recall, I use both RTS and DTR. I guess the simple solution here is to initially try both and if this works, great. If not, try one and then the other. As far as the Chat program setting, I followed the help file for Flex Radio and this seems to work FB. You can set the ID as either Kenwood or Flex Radio. Both follow the same protocol. Let me know if you are still having a problem. If so, what I can do, using TeamViewer, is connect directly to your computer and make the changes for you. I frequently do this for others and most of the time, fix the problem/s. 73, Kirk, K6KAR From: V4Protocol@yahoogroups.com
[mailto:V4Protocol@yahoogroups.com] On Behalf Of Pete Ferrand
Sent: Wednesday, October 23, 2013 8:53 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] RE: SDR/PSDR

Hi Kirk:

Thanks for the reply. Couple more specific questions, then:

What is PWSDR?

Does the CAT Control function not work for COM port CAT? It performs PTT with Fldigi, HRD, FreeDV, etc. when paired with vspMgr 1.0.3 and VAC 4.9.

If I set it up for PTT Control, what do you set the RTS/DTR to? What do you set the ID as?

Also, I'm only looking for PTT here, this radio setup cannot be tuned by computer.

Thanks.

-Pete

-----Original Message-----

From: kirk.harding@...

Sent: Oct 23, 2013 5:58 AM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] RE: SDR/PSDR

Pete,

Yes, I have used both my 3000 and 5000 without difficulty. You obviously have paired your PTT with another com port. Use this com port as your PTT control. Also,, (in PWSDR), be sure to set delay time to 0ms. If you need further assistance, look me up on QRZ.com, drop me an email and we can set up a time where I can either call you on the phone or use Skype. My Skype address is k6kar1

73,
Kirk, K6KAR.

---In v4protocol@yahoogroups.com, wrote:

Pete,

I can’t get set up right now for a test on the Flex (I have a Flex 3000 available but no time!). But I would suggest you try the help in the Chat (File, Help Index, Flex SDR radios). That section was “lifted” from the prior V4 Chat help file which was verified and should still work about the same. If it works (or you find a problem or get a configuration that works) let me know and I’ll update the help on the next Rev.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Pete Ferrand
Sent: Wednesday, October 23, 2013 1:55 AM

To: V4Protocol@yahoogroups.com; V4Protocol@yahoogroups.com
Subject: [V4Protocol] SDR/PSDR

Has anyone successfully interfaced the current Chat with the FlexRadio based PSDR software?

I am currently using the Genesis GSDR version. Audio works, haven't gotten the PTT working yet and someone's actual experience could save me some trial and error.

Thanks.

-Pete
WB2QLL
Somers, WI

3504. RE: RE: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-24 02:02:26 UTC
From: <esunetdude@...>
Topic: 3470 Message: 3504

Hi Rick,

I can understand your hesitation to want to piggy back onto some other software that is actually doing the rig control. I was just thinking about this very subject with regard to the logging software in DXLabs, the DXKeeper. I know this is not on the priority list for now, but in the design stages it might be handy to have a hook for linking the logging to DXKeeper. I know MultiPSK, MMSSTV and fldigi have this and it works great. They all also have a gateway link to DXLabs Commander. While I have only used MultiPSK in ALE 400 ARQ once in this configuration, it did seem to function.

Not that I am trying to make the project more cumbersome or complex, how much headroom would it take for the ARQ algorithm to determine latency and adjust accordingly and dynamically? Then for those that need or want to use another system that actually does the rig interface, HAM4 can adjust as needed.

Again, just something to think about for both the logging and rig control. In any respect, please keep up the nice work.

Doug N3JXB

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Dave,

I'll take out the Kenwood commands that turn off the Noise blanker, Noise Reducer and Beat Canceller. Those shouldn't be needed (it will just leave the radio as is) but will probably be OK if left active (it's hard to predict what some of these DSP based "filters" will do to the signal but 4FSK is more tolerant than PSK or QAM modes). In general Radio DSP functions like noise blankers and DSP notches add distortion and unpredictability to the received waveform of digital modes that can't be easily undone. The tight audio filters and Goertzel tone decoders using in the H4 TNC should be all the digital "filtering" that is necessary.

The beep you hear is the result from a command from Chat to read the radio dial. Basically the radio gives a beep every time it receives a command (usually the default setting of the radio) but you can usually turn it off in a menu of the radio. It is similar radio control code to RMS Express but there are some differences (e.g. RMS Express doesn't read back the radio dial or support "click-to-tune" like Chat does).

I generally don't like trying to "piggy back" on existing 3rd party control interfaces or software. Some of these (e.g. Ham radio deluxe etc. not sure about Hamlab) introduce significant delays (due to software polling) and that can cause serious degradation and variation on Transmit > Receive latency which is critical on ARQ modes. Any delay or uncertainty in the T>R or R>T timing ends up requiring larger timing margins and can significantly affect ARQ net throughput and reliability.

73 and thanks for the feedback,

Rick KN6KB

3505. Re: [V4Protocol] New Chat ops With v0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-24 04:54:18 UTC
From: W6IDS
Topic: 3474 Message: 3505

The 28.223 seems reasonable, considering this is all planning and discussion. How many folks are in the forum who “actively” use the Chat mode and can work 10 meters?

Was wondering, what other activity would be interfered with at 28123.000? I ask because of the pretty sparse “openings” at my location. I mean, there’s random activity of sorts, around 14073.000 that I’ve noticed. Most never within the band pass display. If it is, I just wait until it’s clear. Surely it can’t be “regular” activity on 10 meters, what with the sparseness of openings.

Just thinking is all. . . .nothing wrong with your idea at all as far as I’m concerned for the moment.

Howard W6IDS
Richmond, IN EM79NV

From: esunetdude@...
Sent: Wednesday, October 23, 2013 9:43 PM
To: V4Protocol@yahoogroups.com
Subject: RE: Re: [V4Protocol] New Chat ops With v0.1.6.0
Yes, seems 10 meters is showing signs of life lately, Finally, I might add. What about using 28.223 Mhz? On 30M we're using 10.123 but I think 28.123 would be in conflict with other traffic on 10 meters. But I almost never hear anything around the 28.223 mark. Thoughts or ideas?
Doug N3JXB

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

10 m been open the few days. I only get a chance to do 30 m during the day. I only pick up a local ham from Victoria.
What would be a good 10 m spot to use as we could get Hams with VHF and 10 m credentials. Just a thought.

Don va7dgp
New Westminster, BC

On Wednesday, October 23, 2013, W6IDS wrote:

I did my install of the newly released v0.1.6.0 yesterday. Got it up and

running. In looking around, I see where there are some 10 Mhz ops taking place, including some beacon activity. I don’t have a 10 Mhz antenna at the moment, so I initially came up on 14073.000 with my LPDA at 50 ft and VOILA! Made some contacts.

Is anyone running 7 Mhz with Chat? Anyone ever try? Not sure what the path might be like.

I read where Dave K3GAU is hanging out on anywhere between 3584 and around 3587 in the evenings. Jeez, I have a reason now to fix my 80 meter wire that got torn down by a B I G tree limb a couple of months back.

Howard W6IDS
Richmond, IN EM79NV

3506. RE: RE: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-24 09:56:27 UTC
From: Rick Muething
Topic: 3470 Message: 3506
Attachments: 2 described; binary payloads are missing from this source WARC

Doug,

Thanks for your comments. I already have a ADIF log generator in the Chat program and it generates a log in standard ADIF format which can be read and processed by many ADIF logging programs. It is easy to tweak just what is written for each connect (Date, Time, Call signs, frequency etc.) But I don't want to focus on that yet until we get the actual decoding optimized and the ARQ working. I want to stick with a standardized and controlled format like ADIF…otherwise you are constantly chasing a moving (and undisciplined) target.

With respect for latency calculations…the problem is when you introduce a variable such as a delay induced by the keying program it is not a simple delay…say 100 ms it is a variable more like 30 to 170 ms (due to OS time slicing and timer resolution within the software (hard to control too if it is third party!). So now you have to build in margins for the latency to cover that as well. There was in V4 and will also be in this version some compensation for measuring the initial "round trip" response….e.g. the delay from when the transmitting station ends the frame until he receives the ACK from the remote end. This is fairly easy to measure but is subject to many factors that are not constant so require significant margins…e.g. If I measure the round trip say at 500 ms I would have to design the ARQ timing to probably work over a range of 400 to 600 or more to accommodate. If there is another third party radio control program in that loop you could easily add another 100 – 200 ms guard band…. Making it say 200 to 800 ms. That may not sound like much but it adds up…and in ARQ you are easily talking about maybe 30- 40% throughput impact. So yes compensation can (and is used in some spots) but allowing very sloppy timing ends up in a protocol that is sluggish and always runs at a much slower rate than what is possible ….You would be amazed at all the work that goes into squeezing out a few percent throughput…it all adds up. Compare this for example to Pactor that has a maximum response delay of something like 50 ms. (its all hardware controlled).

The first part of a good ARQ protocol is to insure robustness and bullet proof IRS <> ISS exchange…not at all trivial …I have written 3 or 4 protocols. The time to get this right is AFTER all the major bugs and tuning tweaks are done in the FEC protocol.

Thanks for your comments and interest.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of esunetdude@...m
Sent: Wednesday, October 23, 2013 10:02 PM
To: V4Protocol@yahoogroups.com
Subject: RE: RE: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

Hi Rick,

I can understand your hesitation to want to piggy back onto some other software that is actually doing the rig control. I was just thinking about this very subject with regard to the logging software in DXLabs, the DXKeeper. I know this is not on the priority list for now, but in the design stages it might be handy to have a hook for linking the logging to DXKeeper. I know MultiPSK, MMSSTV and fldigi have this and it works great. They all also have a gateway link to DXLabs Commander. While I have only used MultiPSK in ALE 400 ARQ once in this configuration, it did seem to function.

Not that I am trying to make the project more cumbersome or complex, how much headroom would it take for the ARQ algorithm to determine latency and adjust accordingly and dynamically? Then for those that need or want to use another system that actually does the rig interface, HAM4 can adjust as needed.

Again, just something to think about for both the logging and rig control. In any respect, please keep up the nice work.

Doug N3JXB

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Dave,

I'll take out the Kenwood commands that turn off the Noise blanker, Noise Reducer and Beat Canceller. Those shouldn't be needed (it will just leave the radio as is) but will probably be OK if left active (it's hard to predict what some of these DSP based "filters" will do to the signal but 4FSK is more tolerant than PSK or QAM modes). In general Radio DSP functions like noise blankers and DSP notches add distortion and unpredictability to the received waveform of digital modes that can't be easily undone. The tight audio filters and Goertzel tone decoders using in the H4 TNC should be all the digital "filtering" that is necessary.

The beep you hear is the result from a command from Chat to read the radio dial. Basically the radio gives a beep every time it receives a command (usually the default setting of the radio) but you can usually turn it off in a menu of the radio. It is similar radio control code to RMS Express but there are some differences (e.g. RMS Express doesn't read back the radio dial or support "click-to-tune" like Chat does).

I generally don't like trying to "piggy back" on existing 3rd party control interfaces or software. Some of these (e.g. Ham radio deluxe etc. not sure about Hamlab) introduce significant delays (due to software polling) and that can cause serious degradation and variation on Transmit > Receive latency which is critical on ARQ modes. Any delay or uncertainty in the T>R or R>T timing ends up requiring larger timing margins and can significantly affect ARQ net throughput and reliability.

73 and thanks for the feedback,

Rick KN6KB

3507. RE: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-10-24 10:03:55 UTC
From: Rick Muething
Topic: 3470 Message: 3507
Attachments: 2 described; binary payloads are missing from this source WARC

Siegfried,

Well you have to remember that now there are several (I think 5 or 6 at my last count) of Radios that use the same USB port for both Sound card (internal USB sound card) and radio control You have to continually read the sound card data from the USB port it is the best way to get the audio for DSP. These radios (I have specific experience and tested at least 3 models) have excellent USB sound cards (sampling rate error typically < 200 ppm, few artifacts, good RF isolation.) Since the USB sound card can be added to the radio during design for a few $ per radio these will become more prolific now primarily all the new HF radios from Kenwood and Icom).

During transmit the only command to the radio is PTT on and PTT off (for those installations using CAT PTT control). I□ll check and make sure that is what is happening if it is not it is easy to fix. During receive it is necessary to continuously poll to pick up dial changes made by the user.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of siegfried jackstien
Sent: Wednesday, October 23, 2013 12:30 PM
To: V4Protocol@yahoogroups.com
Subject: AW: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

Hello rick

What I have here is:

During transmit the soft should NOT do anything via usb port (polling frequency or something like that)

The polling (here on my setup) gives some slight audio background noise (that adds to the transmitted signal!!!!!)

So ... the poll should be "paused" during a transmit session ...

Only at start or end of a transmit session the port can be polled once (if needed for setting ptt via cat for any radio that has cat ptt instead of hard wired ptt)

That should give clean transmit audio

Your soft polls every few seconds (iirr 3 seconds?!?)

Can that be "paused" during transmitting?!?

....

Greetz

Sigi

Dg9bfc

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Mittwoch, 23. Oktober 2013 15:48
> An: V4Protocol@yahoogroups.com
> Betreff: RE: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP
> and Autoupdate server
>
>
>
> Dave,
>
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>
> I☐ll take out the Kenwood commands that turn off the Noise blanker, Noise
> Reducer and Beat Canceller. Those shouldn☐t be needed (it will just leave
> the radio as is) but will probably be OK if left active (it☐s hard to
> predict what some of these DSP based ☐filters☐ will do to the signal but
> 4FSK is more tolerant than PSK or QAM modes). In general Radio DSP
> functions like noise blankers and DSP notches add distortion and
> unpredictability to the received waveform of digital modes that can☐t be
> easily undone. The tight audio filters and Goertzel tone decoders using
> in the H4 TNC should be all the digital ☐filtering☐ that is necessary.
>
>
>
> The beep you hear is the result from a command from Chat to read the radio
> dial. Basically the radio gives a beep every time it receives a command
> (usually the default setting of the radio) but you can usually turn it off
> in a menu of the radio. It is similar radio control code to RMS Express
> but there are some differences (e.g. RMS Express doesn☐t read back the
> radio dial or support ☐click-to-tune☐ like Chat does).
>
>
>
> I generally don☐t like trying to ☐piggy back☐ on existing 3rd party
> control interfaces or software. Some of these (e.g. Ham radio deluxe etc.
> not sure about Hamlab) introduce significant delays (due to software
> polling) and that can cause serious degradation and variation on Transmit
> > > Receive latency which is critical on ARQ modes. Any delay or

> uncertainty in the T>R or R>T timing ends up requiring larger timing
> margins and can significantly affect ARQ net throughput and reliability.
>
>
>
> 73 and thanks for the feedback,
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>
> Rick KN6KB
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>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of Bastress, David G
> Sent: Wednesday, October 23, 2013 8:43 AM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP
> and Autoupdate server
>
>
>
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>
>
> Rick,
>
>
>
> V4CHAT also turns the NB off. Don't remember about the antenna tuner.
> RMS Express also turns the NB off and I don't remember if it turns the
> antenna tuner ON or not. Also, everytime the programs open up my rig
> gives me an audible double beep and things change. I suspect you have
> used common coding between them for rig control. Why reinvent the wheel,
> right?
>
>
>
> In any case, I don't mind the double beep I would just like to not have to
> turn the NB back on and turn the AT off everytime I use one of those
> program. Getting old and sometimes forget. :-)
>
>
>
> FLDIGI which uses Hamlab for control does not mess with either function
> and opens up quietly.

>
>
>
> Just something to think about. :-)
>
>
>
> Dave K3GAU
>
>
>
> On Wed, Oct 23, 2013 at 8:17 AM, Rick Muething <rmuething@...>
> wrote:
>
>
>
> Thanks Dave,
>
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>
> I□ll look into that. So far I haven□t touched any rig control code that
> wasn□t in V4Chat .Also will look at adding some other rigs like Icom 7000.
>
>
>
> Rick
>
>
>
>
>
> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of Bastress, David G
> Sent: Wednesday, October 23, 2013 7:27 AM
> To: V4Protocol@yahoogroups.com
> Subject: Re: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP
> and Autoupdate server
>
>
>
>
>
> GM Rick,
>
> I notice two things happen everytime I open up CHAT. The noise blanker
> always gets turned OFF and the rig's antenna tuner gets turned ON!! I
> really don't want either of those things to happen. Otherwise, the rig
> control works well. I am using a TS-2000.
>

> Hope your trip goes well.
>
> Dave K3GAU
>
> On Oct 22, 2013 7:13 PM, "Rick Muething" <rmuething@...> wrote:
>
>
>
> All,
>
>
>
> This should be my last update before leaving for about 10 days. The
> decoding on this version is the same as 0.1.5.0 but a number of cleanup
> items are done including functional fixes to things like Outbound buffer
> queue, Auto ID, logging, display of text sent etc. I also made passes
> through the help files and fixed many of the contradictory statements
> (left over from the old V4 Help file).
>
>
>
> It seems to be working well. I have started on the ARQ mechanism and want
> to get that well defined and documented before starting to modify the
> code.
>
>
>
> Please report any serious errors. Be sure to look in the help If you have
> questions it covers many questions.
>
>
> Thanks again for the feedback and interest.
>
>
>
> 73,
>
>
> Rick KN6KB
>
>
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>
> Chat Revision History
>
> Date: Rev Change Summary
>
>

>
> oct 22, 2013 0.1.6.0 Release of 0.1.5.1
>
>
>
> Oct 21, 2013 0.1.5.1 Eliminate separate Full and Half duplex FEC
> modes...basically always full duplex if radio will permit, otherwise half
> duplex.
>
> Change Text display for
> improved readability: Inbound FEC text black (was green), Info text Navy
> ItalicText (was black)
>
> Text as sent (green)
> others unchanged.
>
> Increased brightness of
> rich text box backgrounds (light beige and light blue) for increased
> contrast.
>
> Fix AutoID function
> (controlled by Host)
>
> Add code to display text
> as sent (Green) on the session rich text box and received text (black).
>
> Implement the Outbound
> queue and buffer reporting.
>
> Make mods to
> Main.UpdateSessionDisplay to buffer FEC received text for logging (makes
> Chat.log more readable)
>
>
>
>
>
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>
> Oct 21, 2013 0.1.5.0 Release of 0.1.4.1
>
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>
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>
> H4FSK TNC Revision History
>

> Date: Rev Change Summary
>
>
>
> Oct 22, 2013 0.1.6.0 Release of 0.1.5.1
>
>
>
> Oct 21, 2013 0.1.5.1 Remove decoder test ....was
> confusing and only used to verify initial character coding table.
>
> Modify
> H4Mod.GenerateLeader to taper on leading and trailing 24 samples (2ms) to
> reduce "clicks"
>
> Add
> Globals.AddToOutboundPending and ClearOBQueue to handle Queue data if
> already playing
>
> Add OB
> Queue: label on main form and mechanism to update status to Host.
>
> Fix AutoID
> function (normally selected by host).
>
> Send
> ENCODING command to Chat whenever Encoding character set is
> changed.(allows proper display and logging)
>
>
>
> Oct 21, 2013 0.1.5.0 Release of 0.1.4.1
>
>
>
>
>
>

3508. Re: Observations

Yahoo group: V4Protocol
Date: 2013-10-24 13:11:41 UTC
From: Rick Muething
Topic: 3508 Message: 3508

All,

I am running a special version here of the H4TNC with additional logging to acquire some data on the issue of apparent drift on SOME signals seen yesterday. I have to leave for the AirPort this afternoon (Thurs) so if you can connect before about 1 PM EDT I MAY be able to get a fix posted but at least will have some data to work with. If possible please repeat your call sign several times and possibly a short description of your Radio and sound card setup. My hunch is this may have more to do with the sound cards (sampling rate accuracy) than the radios and the log should confirm this or not and how much correction is possible.

I have some ideas that may be able to compensate for these observed decode issues and improve decoding accuracy even in normal cases(at the expense of some additional CPU DSP loading) but I need some real world data. In doing my own "across the desk RF" tests between a Kenwood TS-590S and an Icom 7100 (both with built in USB sound cards) my decoding distance, frequency drift, and sample rate errors are too low to give any useful data. (a good argument for using these kinds of radios in digital work! They make setup not only one cable "plug and play" but their sample rate error and RF/Audio isolation are superior to any external ham "sound cards/interfaces" I have tested.)

I will still be running the beacon and monitoring on 10123.00 today until about 1 PM EDT

Thanks and 73,

Rick KN6KB

3509. Re: [V4Protocol] Re: Observations

Yahoo group: V4Protocol
Date: 2013-10-24 13:23:47 UTC
From: Bastress, David G
Topic: 3508 Message: 3509

Rick,

I don't know if it adds anything to the discussion or not but KB8X and I had an hour and half QSO using CHAT on 80 meters last night and there were only a couple of missed characters during the whole QSO. We are 75 miles apart. The signals were strong and stable.

Dave K3GAU

On Thu, Oct 24, 2013 at 9:11 AM, Rick Muething <rmuething@...> wrote:

> **
>
>
> All,****
>
> ** **
>
> I am running a special version here of the H4TNC with additional logging
> to acquire some data on the issue of apparent drift on SOME signals seen
> yesterday. I have to leave for the AirPort this afternoon (Thurs) so if
> you can connect before about 1 PM EDT I MAY be able to get a fix posted but
> at least will have some data to work with. If possible please repeat your
> call sign several times and possibly a short description of your Radio and
> sound card setup. My hunch is this may have more to do with the sound
> cards (sampling rate accuracy) than the radios and the log should confirm
> this or not and how much correction is possible. ****
>
> ** **
>
> I have some ideas that may be able to compensate for these observed decode
> issues and improve decoding accuracy even in normal cases(at the expense
> of some additional CPU DSP loading) but I need some real world data. In
> doing my own “across the desk RF” tests between a Kenwood TS-590S and an
> Icom 7100 (both with built in USB sound cards) my decoding distance,
> frequency drift, and sample rate errors are too low to give any useful
> data. (a good argument for using these kinds of radios in digital work!
> They make setup not only one cable “plug and play” but their sample rate
> error and RF/Audio isolation are superior to any external ham “sound
> cards/interfaces” I have tested.) ****
>
> ** **
>
> I will still be running the beacon and monitoring on 10123.00 today until
> about 1 PM EDT ****
>

> ** **
>
> Thanks and 73,****
>
> ** **
>
> Rick KN6KB****
>
>
>

3510. Re: [V4Protocol] Re: Observations

Yahoo group: V4Protocol
Date: 2013-10-24 14:21:06 UTC
From: W6IDS
Topic: 3508 Message: 3510

Jeepers, now I know I've got to get that 80m ant fixed!

Howard W6IDS

From: Bastress, David G
Sent: Thursday, October 24, 2013 9:23 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Observations

Rick,

I don't know if it adds anything to the discussion or not but KB8X and I had an hour and half QSO using CHAT on 80 meters last night and there were only a couple of missed characters during the whole QSO. We are 75 miles apart. The signals were strong and stable.

Dave K3GAU

On Thu, Oct 24, 2013 at 9:11 AM, Rick Muething <rmuething@...> wrote:

All,

I am running a special version here of the H4TNC with additional logging to acquire some data on the issue of apparent drift on SOME signals seen yesterday. I have to leave for the AirPort this afternoon (Thurs) so if you can connect before about 1 PM EDT I MAY be able to get a fix posted but at least will have some data to work with. If possible please repeat your call sign several times and possibly a short description of your Radio and sound card setup. My hunch is this may have more to do with the sound cards (sampling rate accuracy) than the radios and the log should confirm this or not and how much correction is possible.

<SNIP> <SNIP>

3511. 80 Meter CHAT

Yahoo group: V4Protocol
Date: 2013-10-24 15:44:21 UTC
From: Hoby KK8G
Topic: 3511 Message: 3511

Dave, what freq do you use on 80M? I was on JT65 and the band was exceptionally good for long haul. Would like to give H4 a shot.
73
Hoby KK8G

----- Original Message -----
From: Bastress, David G
To: V4Protocol@yahoogroups.com
Sent: Thursday, October 24, 2013 9:23 AM
Subject: Re: [V4Protocol] Re: Observations

Rick,

I don't know if it adds anything to the discussion or not but KB8X and I had an hour and half QSO using CHAT on 80 meters last night and there were only a couple of missed characters during the whole QSO. We are 75 miles apart. The signals were strong and stable.

Dave K3GAU

3512. Re: [V4Protocol] 80 Meter CHAT

Yahoo group: V4Protocol
Date: 2013-10-24 16:31:56 UTC
From: Bastress, David G
Topic: 3511 Message: 3512

GA Hoby,

Generally we have been hanging out on a dial frequency of 3584 KHz. There maybe some better places. We are open for suggestions.

Dave K3GAU
On Oct 24, 2013 11:44 AM, "Hoby KK8G" <kk8g@...> wrote:

> **
>
>
> **
> Dave, what freq do you use on 80M? I was on JT65 and the band was
> exceptionally good for long haul. Would like to give H4 a shot.
> 73
> Hoby KK8G
>
>
> ----- Original Message -----
> *From:* Bastress, David G <bastress@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Thursday, October 24, 2013 9:23 AM
> *Subject:* Re: [V4Protocol] Re: Observations
>
>
>
> Rick,
>
> I don't know if it adds anything to the discussion or not but KB8X and I
> had an hour and half QSO using CHAT on 80 meters last night and there were
> only a couple of missed characters during the whole QSO. We are 75 miles
> apart. The signals were strong and stable.
>
> Dave K3GAU
>
>
>
>

3513. Sending a Test w/ASCII

Yahoo group: V4Protocol
Date: 2013-10-24 20:03:12 UTC
From: W6IDS
Topic: 3511 Message: 3513

I just noticed that when I manually send an ASCII(7bit) test it “peters out” sort of like –0

W6IDS: ASCII(7bit): The quick brown fox jumped ovg56789

W6IDS: ASCII(7bit): The quick brown fox jumped oog’s b9

My Beacon just activated and it, too, faltered -

DE W6IDS Howard EM7DA QYtx instead of

DE W6IDS Howard EM79NV 20mn Ant-LPDA PWR-50W

Now then, when the transmission stops, there is still an attempt to continue to display the transmission but it’s just a few garbled letters but nothing more.

Anyone?

Howard W6IDS
Richmond, IN

3514. Re: [V4Protocol] New Chat ops With v0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-24 20:04:35 UTC
From: Bastress, David G
Topic: 3474 Message: 3514

GA All,

A bit off the topic but I would like to know which of the rigs have built in sound cards.

Thanks,

Dave K3GAU

On Thu, Oct 24, 2013 at 12:54 AM, W6IDS <w6ids@...> wrote:

> **
>
>
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> discussion. How many folks are in the forum who “actively” use
> the Chat mode and can work 10 meters?
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> “regular” activity on 10 meters, what with the sparseness of
> openings.
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> Just thinking is all. . . .nothing wrong with your idea at all
> as far as I’m concerned for the moment.
>
> Howard W6IDS
> Richmond, IN EM79NV
>
> *From:* esunetdude@...
> *Sent:* Wednesday, October 23, 2013 9:43 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* RE: Re: [V4Protocol] New Chat ops With v0.1.6.0
>
> Yes, seems 10 meters is showing signs of life lately, Finally, I might
> add. What about using 28.223 Mhz? On 30M we're using 10.123 but I think
> 28.123 would be in conflict with other traffic on 10 meters. But I almost
> never hear anything around the 28.223 mark. Thoughts or ideas?
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> Doug N3JXB
>
>

> ---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:
>
> 10 m been open the few days. I only get a chance to do 30 m during the
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> What would be a good 10 m spot to use as we could get Hams with VHF and 10
> m credentials. Just a thought.
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> Don va7dgp
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> 80 meter wire that got torn down by a B I G tree limb a couple of months
> back.
>
> Howard W6IDS
> Richmond, IN EM79NV
>
>
>
>
>

3515. RE: Re: [V4Protocol] New Chat ops With v0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-24 23:01:39 UTC
From: <mikeaburton@...>
Topic: 3474 Message: 3515

Icom 7600 7100 7200

Last two new kenwood HF rigs, just can't remember the models.

I am an Icom guy.

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

GA All,

A bit off the topic but I would like to know which of the rigs have built in sound cards.

Thanks,

Dave K3GAU

On Thu, Oct 24, 2013 at 12:54 AM, W6IDS <w6ids@... mailto:w6ids@...> wrote:

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the Chat mode and can work 10 meters?

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my location. I mean, there’s random activity of sorts, around
14073.000 that I’ve noticed. Most never within the band pass
display. If it is, I just wait until it’s clear. Surely it can’t be
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openings.

Just thinking is all. . . .nothing wrong with your idea at all
as far as I’m concerned for the moment.

Howard W6IDS
Richmond, IN EM79NV

From: esunetdude@... mailto:esunetdude@...
Sent: Wednesday, October 23, 2013 9:43 PM
To: V4Protocol@yahoogroups.com mailto:V4Protocol@yahoogroups.com
Subject: RE: Re: [V4Protocol] New Chat ops With v0.1.6.0

Yes, seems 10 meters is showing signs of life lately, Finally, I might add. What about using 28.223 Mhz? On 30M we're using 10.123 but I think 28.123 would be in conflict with other traffic on 10 meters. But I almost never hear anything around the 28.223 mark. Thoughts or ideas?
Doug N3JXB

---In V4Protocol@yahoogroups.com mailto:V4Protocol@yahoogroups.com,
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Don va7dgp
New Westminster, BC

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Is anyone running 7 Mhz with Chat? Anyone ever try? Not sure what the path might be like.

I read where Dave K3GAU is hanging out on anywhere between 3584 and around 3587 in the evenings. Jeez, I have a reason now to fix my 80 meter wire that got torn down by a B I G tree limb a couple of months back.

Howard W6IDS
Richmond, IN EM79NV

3516. Re: [V4Protocol] New Chat ops With v0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-24 23:31:26 UTC
From: Don Poaps
Topic: 3474 Message: 3516

Howard all we need is some sort of agreement. On 28123 or 28223??

If you notice HFN log. You will see HFN pilot station from EU connecting to NA on 10 m. I know the bands open. I can connect to wa4zko-4 on his robust packet node pretty much during the day. I know it can cover NA plus with Vchat.

As soon I see a freq agreed to I'll park there. 30 doesn't do it till the pm out here in BC

Later

Don va7dgp

On Thursday, October 24, 2013, Don Poaps wrote:

> IC 7600, 7700,7800. TS 590 etc
>
> On Thursday, October 24, 2013, wrote:
>
> **
>
>
> Icom 7600 7100 7200
>
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> Last two new kenwood HF rigs, just can't remember the models.
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> I am an Icom guy.
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> GA All,
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> A bit off the topic but I would like to know which of the rigs have built
> in sound cards.
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> Thanks,
>
> Dave K3GAU
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> display. If it is, I just wait until it’s clear. Surely it can’t be
> “regular” activity on 10 meters, what with the sparseness of
> openings.
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> *From:* esunetdude@...
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> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
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3517. RE: AW: RE: [V4Protocol] Beacon/CQ of F1ABL [1 Attachment]

Yahoo group: V4Protocol
Date: 2013-10-24 23:35:21 UTC
From: <la7um@...>
Topic: 3485 Message: 3517

Tom. I think we need working or thinking a bit long term. In my oppinion it is just for a while that the actual museum mode CW in Reg 1 occupy alone such a great part of the band.

When the narrow part between LW and MW was opened for HAMS it was CW only, at least in Norway, but now narrow band digi modes are also allowed. CW will inevitably be one mode amongs others.

The HAMS cannot contribute ANYTHING to CW. It has been used for 100 years by professionals. Future is digital. Narrow Digital modes are interesting. HERE HAMS can contribute, and make a reason for getting allocations of spectrum in the future.

CW alone in our century will be the death of HAM radio, but should always be the really "sport mode" where operator skill is in focus.

We need to switch from museum guards to development spear heads again, like hams was hundred years ago.

We need helping the IARU negotiators from the different countries with good arguments for preparing the international conferences and make good unanimous allocations.

73. Finn/LA7UM

---In v4protocol@yahoogroups.com, <rmuething@...> wrote:

Tom,

Above 10140 is in the auto forward sub band normally allocated to wideband (> 500 Hz modes). In the US wideband modes MUST be in the 10140 to 10150 range. Pactor and WINMOR stations routinely use the area 10120 and up (500 Hz modes 10120 to 10140) 2100 Hz bandwidth 10140-10150.

We are doing some preliminary testing of this new mode and of course can use other frequencies though no one owns any specific frequency…we tried to move above 10120 to leave the bottom 20 Khz for pure CW.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of MICHEL F1ABL
Sent: Wednesday, October 23, 2013 12:39 PM
To: V4Chat V4 Yahoo
Subject: [V4Protocol] 10.123 VChat IARU not for region 1

VChat use 200HzBW = Narrow band it is write in the users guide.
Digimodes is BW over 500Hz
Narrow band is BW inside 500Hz

I see on yahoo groupe the activity VChat is on 10.123
CW have 10.100 to 10.140 I think for experimental mode have a place to 200hz on this segment .
OK dear DF5JL I stop all transmission below 10.140, you have WSPR JT65A JT9 below 10.140 I think you may contact this groups to advertise they are in illegality, it is fun that LotW (ARRL) confirm the QSO, not in CW, made on this bad band ??
thanks for your infos 73

To: V4Protocol@yahoogroups.com
From: df5jl@...
Date: Wed, 23 Oct 2013 16:47:35 +0200
Subject: AW: RE: [V4Protocol] Beacon/CQ of F1ABL

Hi Michael,

why a V4Chat beacon in the cw portion of the 30-m-band and not above 10140 kHz (digimodes)?

Best 73

Tom DF5JL

--- WWW.DF5JL.DE | HF CW/DATA ---

MICHEL F1ABL <micheluze@...> schrieb:

Rick thanks for report see you only one time see the screen shoot
my text beacon is exactly: BEACON F1ABL JN24OF /10MN ANTENNA T2FD 10W INFOS QRZ.COM 73
I adjusted the send time at 13:13 UTC all 10mn for not interfer with others beacons
Thanks to listeners beacon is on 73

To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Wed, 23 Oct 2013 06:28:32 -0400
Subject: [V4Protocol] Beacon/CQ of F1ABL

Captured CQ and Beacon of F1ABL [JN24af] in Chat log 08:40 UTC Oct 23. From KN6KB [EL98pf] on 10123.00 MHz. Power? Antenna?

73,

Rick KN6KB

3518. Re: [V4Protocol] New Chat ops With v0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-24 23:21:27 UTC
From: Don Poaps
Topic: 3474 Message: 3518

IC 7600, 7700,7800. TS 590 etc

On Thursday, October 24, 2013, wrote:

> **
>
>
> Icom 7600 7100 7200
>
>
> Last two new kenwood HF rigs, just can't remember the models.
>
>
> I am an Icom guy.
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> ---In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
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> GA All,
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> A bit off the topic but I would like to know which of the rigs have built
> in sound cards.
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> Thanks,
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> 28123.000? I ask because of the pretty sparse “openings” at
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> “regular” activity on 10 meters, what with the sparseness of
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> Just thinking is all. . . .nothing wrong with your idea at all
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> Howard W6IDS
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> *From:* esunetdude@... <javascript:_e({}, 'cvml', 'esunetdude@...');>
> *Sent:* Wednesday, October 23, 2013 9:43 PM
> *To:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
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> *Subject:* RE: Re: [V4Protocol] New Chat ops With v0.1.6.0
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> Yes, seems 10 meters is showing signs of life lately, Finally, I might
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>

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Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
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Metrotown Salvation Army Community Church Member

3519. RE: RE: AW: RE: [V4Protocol] Beacon/CQ of F1ABL [1 Attachment]

Yahoo group: V4Protocol
Date: 2013-10-25 00:50:20 UTC
From: <russtower@...>
Topic: 3485 Message: 3519

Right on target Finn!

73/Russ
K1DOW

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Tom. I think we need working or thinking a bit long term. In my oppinion it is just for a while that the actual museum mode CW in Reg 1 occupy alone such a great part of the band.

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We are doing some preliminary testing of this new mode and of course can use other frequencies though no one owns any specific frequency…we tried to move above 10120 to leave the bottom 20 Khz for pure CW.

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--- WWW.DF5JL.DE | HF CW/DATA ---

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3520. RE: Re: [V4Protocol] New Chat ops With v0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 01:35:41 UTC
From: <mikeaburton@...>
Topic: 3474 Message: 3520

Don are you sure about the 7800 and 7700???

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

IC 7600, 7700,7800. TS 590 etc

On Thursday, October 24, 2013, wrote:
Icom 7600 7100 7200

Last two new kenwood HF rigs, just can't remember the models.

I am an Icom guy.

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openings.

Just thinking is all. . . .nothing wrong with your idea at all
as far as I’m concerned for the moment.

Howard W6IDS
Richmond, IN EM79NV

From: esunetdude@...
Sent: Wednesday, October 23, 2013 9:43 PM
To: V4Protocol@yahoogroups.com
Subject: RE: Re: [V4Protocol] New Chat ops With v0.1.6.0

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New Westminster, BC
VA7DGP
Satern Member
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Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3521. Re: [V4Protocol] New Chat ops With v0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 01:40:10 UTC
From: Don Poaps
Topic: 3474 Message: 3521

I guess I could go to Icom. I know va7oj / ab4oj check out the 7600 before
it went on the market. Memory good but short.

Don va7dgp

On Thursday, October 24, 2013, wrote:

> **
>
>
> Don are you sure about the 7800 and 7700???
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> ---In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
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> *Sent:* Wednesday, October 23, 2013 9:43 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* RE: Re: [V4Protocol] New Chat ops With v0.1.6.0
>
> Yes, seems 10 meters is showing signs of life lately, Finally, I might
> add. What about using 28.223 Mhz? On 30M we're using 10.123 but I think
> 28.123 would be in conflict with other traffic on 10 meters. But I almost
> never hear anything around the 28.223 mark. Thoughts or ideas?
>
> Doug N3JXB
>
>
> ---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:
>
> 10 m been open the few days. I only get a chance to do 30 m during the
> day. I only pick up a local ham from Victoria.
> What would be a good 10 m spot to use as we could get Hams with VHF and 10
> m credentials. Just a thought.
>
> Don va7dgp

> New Westminster, BC
>
>
> On Wednesday, October 23, 2013, W6IDS wrote:
>
> **
>
> I did my install of the newly released v0.1.6.0 yesterday. Got it up and
> running. In looking around, I see where there are some 10 Mhz ops
> taking place, including some
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3522. Chat Beacon

Yahoo group: V4Protocol
Date: 2013-10-25 09:54:39 UTC
From: <micheluze@...>
Topic: 3522 Message: 3522

```
Beacon all 10mn 14.072.5 start 09:43 UTC mode Chat FEC
```

3523. RE: AW: RE: [V4Protocol] Beacon/CQ of F1ABL

Yahoo group: V4Protocol
Date: 2013-10-25 11:08:19 UTC
From: Robin Hodgson
Topic: 3485 Message: 3523

Finn,
Many of us are aware that the problem here is caused by the IARU itself,

1. The fact that IARU permits HF bandplans to be different by region is ridiculous.
HF signals travel world wide. Amateur radio HF bandplans should be global.
The IARU regional differences, particularly on 30 meters, are a source of much
irritation both to hams and to the regulatory authorities in different countries.

2. The IARU region 1 proposal to allocate bandwidth occupancy rather than modes,
was a valiant attempt, which would have resolved the issues you mention.
Unfortunately, the proposal was not fully accepted (objections from the vociferous
CW community). The result is that today on 30 meters, only 20% of 10.100 - 10.150 MHz
allowed by the ITU is available for digital modes or experimentation (10.140 - 10.150 MHz).
That is, in region 1, 80% is for CW (morse code) only.

Finn, as you say, the only way this can change is if the IARU representatives in each
country
take action and insist that this organization should understand and support future
technologies, even if it means de-emphasising such antiques as CW, AM and RTTY.
As far as I am aware, there are no plans to even discuss the matter in the IARU or any of
its regions.
For those among us who feel strongly, we actively need to lobby our IARU representatives.

73 Robin, 9H1ZZ

To: V4Protocol@yahoogroups.com
From: la7um@...
Date: Thu, 24 Oct 2013 16:35:21 -0700
Subject: RE: AW: RE: [V4Protocol] Beacon/CQ of F1ABL

Tom. I think we need working or thinking a bit long term. In my oppinion it is just for a
while that the actual museum mode CW in Reg 1 occupy alone such a great part of the band.

When the narrow part between LW and MW was opened for HAMS it was CW only, at least in
Norway, but now narrow band digi modes are also allowed. CW will inevitably be one mode
amongs others.
The HAMS cannot contribute ANYTHING to CW. It has been used for 100 years by professionals.
Future is digital. Narrow Digital modes are interesting. HERE HAMS can contribute, and make
a reason for getting allocations of spectrum in the future.
CW alone in our century will be the death of HAM radio, but should always be the really
"sport mode" where operator skill is in focus.
We need to switch from museum guards to development spear heads again, like hams was
hundred years ago.
We need helping the IARU negotiators from the different countries with good arguments for
preparing the international conferences and make good unanimous allocations.
73. Finn/LA7UM

---In v4protocol@yahoogroups.com, <rmuething@...> wrote:

Tom, Above 10140 is in the auto forward sub band normally allocated to wideband (> 500 Hz modes). In the US wideband modes MUST be in the 10140 to 10150 range. Pactor and WINMOR stations routinely use the area 10120 and up (500 Hz modes 10120 to 10140) 2100 Hz bandwidth 10140-10150. We are doing some preliminary testing of this new mode and of course can use other frequencies though no one owns any specific frequency…we tried to move above 10120 to leave the bottom 20 Khz for pure CW. 73, Rick KN6KB From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of MICHEL F1ABL
Sent: Wednesday, October 23, 2013 12:39 PM
To: V4Chat V4 Yahoo
Subject: [V4Protocol] 10.123 VChat IARU not for region 1 VChat use 200HzBW = Narrow band it is write in the users guide.
Digimodes is BW over 500Hz
Narrow band is BW inside 500Hz
I see on yahoo groupe the activity VChat is on 10.123
CW have 10.100 to 10.140 I think for experimental mode have a place to 200hz on this segment .
OK dear DF5JL I stop all transmission below 10.140, you have WSPR JT65A JT9 below 10.140 I think you may contact this groups to advertise they are in illegality, it is fun that LotW (ARRL) confirm the QSO, not in CW, made on this bad band ??
thanks for your infos 73To: V4Protocol@yahoogroups.com
From: df5jl@...
Date: Wed, 23 Oct 2013 16:47:35 +0200
Subject: AW: RE: [V4Protocol] Beacon/CQ of F1ABL

Hi Michael,

why a V4Chat beacon in the cw portion of the 30-m-band and not above 10140 kHz (digimodes)?

Best 73

Tom DF5JL

--- WWW.DF5JL.DE | HF CW/DATA ---

MICHEL F1ABL <micheluze@...> schrieb:

Rick thanks for report see you only one time see the screen shoot
my text beacon is exactly: BEACON F1ABL JN24OF /10MN ANTENNA T2FD 10W INFOS QRZ.COM 73
I adjusted the send time at 13:13 UTC all 10mn for not interfer with others beacons
Thanks to listeners beacon is on 73To: V4Protocol@yahoogroups.com
From: rmuething@...
Date: Wed, 23 Oct 2013 06:28:32 -0400
Subject: [V4Protocol] Beacon/CQ of F1ABL

Captured CQ and Beacon of F1ABL [JN24af] in Chat log 08:40 UTC Oct 23. From KN6KB [EL98pf] on 10123.00 MHz. Power? Antenna? 73,
Rick KN6KB

3524. CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 13:54:19 UTC
From: <pd9btb@...>
Topic: 3524 Message: 3524

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB
de Ben.

3525. RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 14:03:19 UTC
From: MICHEL F1ABL
Topic: 3524 Message: 3525

I am on but a big QRM no VChat
michel

To: V4Protocol@yahoogroups.com
From: pd9btb@...
Date: Fri, 25 Oct 2013 06:54:19 -0700
Subject: [V4Protocol] CQ test v4 Chat 0.1.6.0

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB

de Ben.

3526. RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 14:08:32 UTC
From: MICHEL F1ABL
Topic: 3524 Message: 3526
Attachments: 1 described; binary payloads are missing from this source WARC

I see one time you in middle of QRM

To: V4Protocol@yahoogroups.com
From: pd9btb@...
Date: Fri, 25 Oct 2013 06:54:19 -0700
Subject: [V4Protocol] CQ test v4 Chat 0.1.6.0

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB

de Ben.

3527. RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 14:10:13 UTC
From: Robin Hodgson
Topic: 3524 Message: 3527

No signals here either
Robin, 9H1ZZ

To: v4protocol@yahoogroups.com
From: micheluze@...
Date: Fri, 25 Oct 2013 14:03:19 +0000
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

I am on but a big QRM no VChat
michel

To: V4Protocol@yahoogroups.com
From: pd9btb@...
Date: Fri, 25 Oct 2013 06:54:19 -0700
Subject: [V4Protocol] CQ test v4 Chat 0.1.6.0

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB

de Ben.

3528. RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 14:11:56 UTC
From: MICHEL F1ABL
Topic: 3524 Message: 3528

Merci Robin Stay 15mn
Michel

To: v4protocol@yahoogroups.com
From: robin_a_hodgson@...
Date: Fri, 25 Oct 2013 16:10:13 +0200
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

No signals here either
Robin, 9H1ZZ

To: v4protocol@yahoogroups.com
From: micheluze@...
Date: Fri, 25 Oct 2013 14:03:19 +0000
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

I am on but a big QRM no VChat
michel

To: V4Protocol@yahoogroups.com
From: pd9btb@...
Date: Fri, 25 Oct 2013 06:54:19 -0700
Subject: [V4Protocol] CQ test v4 Chat 0.1.6.0

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB

de Ben.

3529. RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 14:17:48 UTC
From: MICHEL F1ABL
Topic: 3524 Message: 3529

Beacon all 10mn 28.123 mode V4 HFSK FEC during 1 hour start 14:17 UTC

To: v4protocol@yahoogroups.com
From: micheluze@...
Date: Fri, 25 Oct 2013 14:11:56 +0000
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Merci Robin Stay 15mn
Michel

To: v4protocol@yahoogroups.com
From: robin_a_hodgson@...
Date: Fri, 25 Oct 2013 16:10:13 +0200
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

No signals here either
Robin, 9H1ZZ

To: v4protocol@yahoogroups.com
From: micheluze@...m
Date: Fri, 25 Oct 2013 14:03:19 +0000
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

I am on but a big QRM no VChat
michel

To: V4Protocol@yahoogroups.com
From: pd9btb@...
Date: Fri, 25 Oct 2013 06:54:19 -0700
Subject: [V4Protocol] CQ test v4 Chat 0.1.6.0

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB

de Ben.

3530. RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 14:31:29 UTC
From: MICHEL F1ABL
Topic: 3524 Message: 3530
Attachments: 1 described; binary payloads are missing from this source WARC

see beacon PY4ZO
28.123 Chat FEC

To: v4protocol@yahoogroups.com
From: micheluze@...
Date: Fri, 25 Oct 2013 14:17:48 +0000
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Beacon all 10mn 28.123 mode V4 HFSK FEC during 1 hour start 14:17 UTC

To: v4protocol@yahoogroups.com
From: micheluze@...
Date: Fri, 25 Oct 2013 14:11:56 +0000
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Merci Robin Stay 15mn
Michel

To: v4protocol@yahoogroups.com
From: robin_a_hodgson@hotmail.com
Date: Fri, 25 Oct 2013 16:10:13 +0200
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

No signals here either
Robin, 9H1ZZ

To: v4protocol@yahoogroups.com
From: micheluze@...
Date: Fri, 25 Oct 2013 14:03:19 +0000
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

I am on but a big QRM no VChat
michel

To: V4Protocol@yahoogroups.com
From: pd9btb@...
Date: Fri, 25 Oct 2013 06:54:19 -0700
Subject: [V4Protocol] CQ test v4 Chat 0.1.6.0

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB

de Ben.

3531. RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 14:36:07 UTC
From: Robin Hodgson
Topic: 3524 Message: 3531

No HFSK signals seen on 28.123 from F1ABL or from PD9BTB.

However good HFSK copy of PY3SS !!

Robin 9H1ZZ

To: v4protocol@yahoogroups.com
From: micheluze@...
Date: Fri, 25 Oct 2013 14:17:48 +0000
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Beacon all 10mn 28.123 mode V4 HFSK FEC during 1 hour start 14:17 UTC

To: v4protocol@yahoogroups.com
From: micheluze@...
Date: Fri, 25 Oct 2013 14:11:56 +0000
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Merci Robin Stay 15mn
Michel

To: v4protocol@yahoogroups.com
From: robin_a_hodgson@...m
Date: Fri, 25 Oct 2013 16:10:13 +0200
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

No signals here either
Robin, 9H1ZZ

To: v4protocol@yahoogroups.com
From: micheluze@...
Date: Fri, 25 Oct 2013 14:03:19 +0000
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

I am on but a big QRM no VChat
michel

To: V4Protocol@yahoogroups.com
From: pd9btb@...
Date: Fri, 25 Oct 2013 06:54:19 -0700
Subject: [V4Protocol] CQ test v4 Chat 0.1.6.0

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB

de Ben.

3532. RE: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 15:02:39 UTC
From: <pd9btb@...>
Topic: 3524 Message: 3532

OK, Om's... the only signal i received DL1Z?? weak...
Maybe tomorrow an other try...
Tnx for listening and reply to my call.

Greetings from Delden JO32IG
PD9BTB, de Ben, 73

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

No HFSK signals seen on 28.123 from F1ABL or from PD9BTB.

However good HFSK copy of PY3SS !!

Robin 9H1ZZ

To: v4protocol@yahoogroups.com
From: micheluze@...
Date: Fri, 25 Oct 2013 14:17:48 +0000
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Beacon all 10mn 28.123 mode V4 HFSK FEC during 1 hour start 14:17 UTC

To: v4protocol@yahoogroups.com
From: micheluze@...
Date: Fri, 25 Oct 2013 14:11:56 +0000
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Merci Robin Stay 15mn
Michel

To: v4protocol@yahoogroups.com
From: robin_a_hodgson@...
Date: Fri, 25 Oct 2013 16:10:13 +0200
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

No signals here either
Robin, 9H1ZZ

To: v4protocol@yahoogroups.com
From: micheluze@...
Date: Fri, 25 Oct 2013 14:03:19 +0000
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

I am on but a big QRM no VChat
michel

To: V4Protocol@yahoogroups.com
From: pd9btb@...

Date: Fri, 25 Oct 2013 06:54:19 -0700
Subject: [V4Protocol] CQ test v4 Chat 0.1.6.0

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB
de Ben.

3533. RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 15:07:30 UTC
From: Ricky Faulkenberry
Topic: 3524 Message: 3533
Attachments: 1 described; binary payloads are missing from this source WARC

I was trying 28123 9:30am cost USA. No replies
On Oct 25, 2013 9:08 AM, "MICHEL F1ABL" <micheluze@...> wrote:

> **
>
>
> I see one time you in middle of QRM
>
>
>
>
>
> ------------------------------
> To: V4Protocol@yahoogroups.com
> From: pd9btb@...
> Date: Fri, 25 Oct 2013 06:54:19 -0700
> Subject: [V4Protocol] CQ test v4 Chat 0.1.6.0
>
>
>
> Now testing on F 28.123.00 USB.. Pse k.
>
> Greetings PD9BTB
> de Ben.
>
>
>
>

3534. RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 16:02:45 UTC
From: MICHEL F1ABL
Topic: 3524 Message: 3534
Attachments: 1 described; binary payloads are missing from this source WARC

Stop CQ see PY3ZZ 73 to all

To: V4Protocol@yahoogroups.com
From: adahgrasscutting@...
Date: Fri, 25 Oct 2013 10:07:30 -0500
Subject: RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

I was trying 28123 9:30am cost USA. No replies

On Oct 25, 2013 9:08 AM, "MICHEL F1ABL" <micheluze@...> wrote:

I see one time you in middle of QRM

To: V4Protocol@yahoogroups.com

From: pd9btb@...
Date: Fri, 25 Oct 2013 06:54:19 -0700
Subject: [V4Protocol] CQ test v4 Chat 0.1.6.0

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB

de Ben.

3535. RE: CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 16:06:39 UTC
From: <esunetdude@...>
Topic: 3524 Message: 3535

I would suggest everyone try http://obriensweb.com/sked http://obriensweb.com/sked to mark the frequency you are operating on. I am not affiliated with this site but it will be handy to try and organize contacts on different bands.

If anyone knows of another site for setting up a schedule please share it.

73
Doug - N3JXB

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB
de Ben.

3536. Re: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 16:15:04 UTC
From: Steve Michaels
Topic: 3524 Message: 3536
Attachments: 1 described; binary payloads are missing from this source WARC

Beaconing 28.123 from EM70af Panama City Beach Florida

73 de N4AY

On Fri, Oct 25, 2013 at 10:07 AM, Ricky Faulkenberry <
adahgrasscutting@...m> wrote:

> **
>
>
> I was trying 28123 9:30am cost USA. No replies
> On Oct 25, 2013 9:08 AM, "MICHEL F1ABL" <micheluze@...> wrote:
>
>> **
>>
>>
>> I see one time you in middle of QRM
>>
>>
>>
>>
>> ------------------------------
>> To: V4Protocol@yahoogroups.com
>> From: pd9btb@...
>> Date: Fri, 25 Oct 2013 06:54:19 -0700
>> Subject: [V4Protocol] CQ test v4 Chat 0.1.6.0
>>
>>
>>
>> Now testing on F 28.123.00 USB.. Pse k.
>>
>> Greetings PD9BTB
>> de Ben.
>>
>>
>>
>

3538. Re: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 16:27:48 UTC
From: Don Poaps
Topic: 3524 Message: 3538
Attachments: 1 described; binary payloads are missing from this source WARC

I have Vchat running at my home QTH as well at the store. Nothing showing
in my screen.

Don va7dgp

On Friday, October 25, 2013, Ricky Faulkenberry wrote:

> **
>
>
> I was trying 28123 9:30am cost USA. No replies
> On Oct 25, 2013 9:08 AM, "MICHEL F1ABL" <micheluze@...<javascript:_e({}, 'cvml',
'micheluze@...');>>
> wrote:
>
>> **
>>
>>
>> I see one time you in middle of QRM
>>
>>
>>
>>
>> ------------------------------
>> To: V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
>> 'V4Protocol@yahoogroups.com');>
>> From: pd9btb@... <javascript:_e({}, 'cvml', 'pd9btb@...');>
>> Date: Fri, 25 Oct 2013 06:54:19 -0700
>> Subject: [V4Protocol] CQ test v4 Chat 0.1.6.0
>>
>>
>>
>> Now testing on F 28.123.00 USB.. Pse k.
>>
>> Greetings PD9BTB
>> de Ben.
>>
>>
>>
>

--
Don Poaps
New Westminster, BC
VA7DGP

Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3539. RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 16:48:33 UTC
From: MICHEL F1ABL
Topic: 3524 Message: 3539
Attachments: 1 described; binary payloads are missing from this source WARC

thanks for the link

QSO with some difficulty NY3J Philadelphia in CN89ME with me in JN24of on 28.123 mode FEC Vchat

To: V4Protocol@yahoogroups.com
From: va7dgp@...
Date: Fri, 25 Oct 2013 09:27:48 -0700
Subject: Re: [V4Protocol] CQ test v4 Chat 0.1.6.0

I have Vchat running at my home QTH as well at the store. Nothing showing in my screen.

Don va7dgp

On Friday, October 25, 2013, Ricky Faulkenberry wrote:

I was trying 28123 9:30am cost USA. No replies

On Oct 25, 2013 9:08 AM, "MICHEL F1ABL" <micheluze@...> wrote:

I see one time you in middle of QRM

To: V4Protocol@yahoogroups.com

From: pd9btb@...
Date: Fri, 25 Oct 2013 06:54:19 -0700
Subject: [V4Protocol] CQ test v4 Chat 0.1.6.0

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB

de Ben.

--
Don PoapsNew Westminster, BCVA7DGPSatern MemberVector MemberSurrey Amateur RadioMetrotown Salvation Army Community Church Member

3540. Re: [V4Protocol] RE: CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 16:59:23 UTC
From: C. R. "Dick" Lamberson
Topic: 3524 Message: 3540

I'm on 28123 with a beacon from n.w. florida @ 1700Z

W4WEB
----- Original Message -----
From: esunetdude@...
To: V4Protocol@yahoogroups.com
Sent: Friday, October 25, 2013 12:06 PM
Subject: [V4Protocol] RE: CQ test v4 Chat 0.1.6.0

I would suggest everyone try http://obriensweb.com/sked to mark the frequency you are operating on. I am not affiliated with this site but it will be handy to try and organize contacts on different bands.

If anyone knows of another site for setting up a schedule please share it.

73

Doug - N3JXB

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB

de Ben.

3541. Re: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 17:07:25 UTC
From: C. R. "Dick" Lamberson
Topic: 3524 Message: 3541
Attachments: 1 described; binary payloads are missing from this source WARC

PY3SS in Southern Brasil coming into NW Florida right now (@1710Z

----- Original Message -----
From: Don Poaps
To: V4Protocol@yahoogroups.com
Sent: Friday, October 25, 2013 12:27 PM
Subject: Re: [V4Protocol] CQ test v4 Chat 0.1.6.0

I have Vchat running at my home QTH as well at the store. Nothing showing in my screen.

Don va7dgp

On Friday, October 25, 2013, Ricky Faulkenberry wrote:

I was trying 28123 9:30am cost USA. No replies

On Oct 25, 2013 9:08 AM, "MICHEL F1ABL" <micheluze@...> wrote:

I see one time you in middle of QRM

To: V4Protocol@yahoogroups.com
From: pd9btb@...
Date: Fri, 25 Oct 2013 06:54:19 -0700
Subject: [V4Protocol] CQ test v4 Chat 0.1.6.0

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB
de Ben.

--

Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3542. RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 17:12:49 UTC
From: MICHEL F1ABL
Topic: 3524 Message: 3542
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Dick see you but not perfect

3543. RE: [V4Protocol] RE: CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 17:20:17 UTC
From: Robin Hodgson
Topic: 3524 Message: 3543

Hi Doug,

There is another reporting/chat/scheduling site for MFSK (which I guess includes H4FSK FEC) on Hamspots.org.
Problem is that not many people are aware of it or use it. Personally, I am using Hamspots regularly for other
activities, so it is no bother to look at the MFSK section. It also has a section for ARQ, so whenever H4FSK is
ready for testing ARQ, that is available. Otherwise, Andy O'Brien provides a good resource.

73 Robin, 9H1ZZ

To: V4Protocol@yahoogroups.com
From: esunetdude@...
Date: Fri, 25 Oct 2013 09:06:39 -0700
Subject: [V4Protocol] RE: CQ test v4 Chat 0.1.6.0

I would suggest everyone try http://obriensweb.com/sked to mark the frequency you are operating on. I am not affiliated with this site but it will be handy to try and organize contacts on different bands.

If anyone knows of another site for setting up a schedule please share it.

73
Doug - N3JXB

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB

de Ben.

3544. RE: [V4Protocol] RE: CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 17:26:33 UTC
From: Robin Hodgson
Topic: 3524 Message: 3544

Whoops!. The URL is http://hamspots.net/mfsk/
Sorry ... my mistake (not hamspots.org)

Robin 9h1zz

To: v4protocol@yahoogroups.com
From: robin_a_hodgson@...
Date: Fri, 25 Oct 2013 19:20:17 +0200
Subject: RE: [V4Protocol] RE: CQ test v4 Chat 0.1.6.0

Hi Doug,

There is another reporting/chat/scheduling site for MFSK (which I guess includes H4FSK FEC) on Hamspots.org.
Problem is that not many people are aware of it or use it. Personally, I am using Hamspots regularly for other
activities, so it is no bother to look at the MFSK section. It also has a section for ARQ, so whenever H4FSK is
ready for testing ARQ, that is available. Otherwise, Andy O'Brien provides a good resource.

73 Robin, 9H1ZZ

To: V4Protocol@yahoogroups.com
From: esunetdude@hotmail.com
Date: Fri, 25 Oct 2013 09:06:39 -0700
Subject: [V4Protocol] RE: CQ test v4 Chat 0.1.6.0

I would suggest everyone try http://obriensweb.com/sked to mark the frequency you are operating on. I am not affiliated with this site but it will be handy to try and organize contacts on different bands.

If anyone knows of another site for setting up a schedule please share it.

73
Doug - N3JXB

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB

de Ben.

3545. RE: RE: [V4Protocol] RE: CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 17:34:59 UTC
From: <mikeaburton@...>
Topic: 3524 Message: 3545

Seeing w4web from FL in Baja at this time, 28.123

Mike xe2/n6kzb

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Whoops!. The URL is http://hamspots.net/mfsk/ http://hamspots.net/mfsk/
Sorry ... my mistake (not hamspots.org)

Robin 9h1zz

To: v4protocol@yahoogroups.com
From: robin_a_hodgson@...
Date: Fri, 25 Oct 2013 19:20:17 +0200
Subject: RE: [V4Protocol] RE: CQ test v4 Chat 0.1.6.0

Hi Doug,

There is another reporting/chat/scheduling site for MFSK (which I guess includes H4FSK FEC) on Hamspots.org.
Problem is that not many people are aware of it or use it. Personally, I am using Hamspots regularly for other
activities, so it is no bother to look at the MFSK section. It also has a section for ARQ, so whenever H4FSK is
ready for testing ARQ, that is available. Otherwise, Andy O'Brien provides a good resource.

73 Robin, 9H1ZZ

To: V4Protocol@yahoogroups.com
From: esunetdude@...
Date: Fri, 25 Oct 2013 09:06:39 -0700
Subject: [V4Protocol] RE: CQ test v4 Chat 0.1.6.0

I would suggest everyone try http://obriensweb.com/sked http://obriensweb.com/sked to mark the frequency you are operating on. I am not affiliated with this site but it will be handy to try and organize contacts on different bands.

If anyone knows of another site for setting up a schedule please share it.

73
Doug - N3JXB

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Now testing on F 28.123.00 USB.. Pse k.

Greetings PD9BTB
de Ben.

3546. Re: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 17:39:43 UTC
From: Bastress, David G
Topic: 3524 Message: 3546
Attachments: 1 described; binary payloads are missing from this source WARC

GA Michel,

A few minutes ago I saw your signal on 28123 KHz. Unfortunately I didn't have the time to try and work you. Your signal was up and down quite a bit (QSB) and sometimes it either didn't decode or only partly decode.

Dave K3GAU

On Fri, Oct 25, 2013 at 1:12 PM, MICHEL F1ABL <micheluze@msn.com> wrote:

> **
>
>
> Hello Dick see you but not perfect
>
>
>
>
>
> ------------------------------
>
>
>
>
>

3547. Re: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-25 17:40:18 UTC
From: Ron Wenig
Topic: 3524 Message: 3547
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Michel,

Thanks for the QSO. I waqs able to copy you very well for a bit then I
lost you.

73, Ron ny3j

On 10/25/2013 12:48 PM, MICHEL F1ABL wrote:

>
> QSO with some difficulty NY3J Philadelphia in CN89ME with me in JN24of
> on 28.123 mode FEC Vchat
>
>

3548. 10 M from BC

Yahoo group: V4Protocol
Date: 2013-10-25 18:45:13 UTC
From: Don Poaps
Topic: 3548 Message: 3548

H4FSK Chat Beacon DE VA7DGP 73 Don (CN89ME)
H4FSK Chat Beacon DE VA7DGP 73 Don (CN89ME)
xe2/n6kzb de wb0kgn wb0kgn Dave in Minnesota
"(o,IDu]a+)U{ bZXF hav e
been0* hearingMGZDyGhVFw
arwr"a -nsIIt has been so long since I ed his program, that I have
forgotten how

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3549. Re: [V4Protocol] 10 M from BC

Yahoo group: V4Protocol
Date: 2013-10-25 19:35:09 UTC
From: wb0kgn@...
Topic: 3548 Message: 3549

----- Original Message -----
From: "Don Poaps" <va7dgp@...>
To: V4Protocol@yahoogroups.com
Sent: Friday, October 25, 2013 1:45:13 PM
Subject: [V4Protocol] 10 M from BC

H4FSK Chat Beacon DE VA7DGP 73 Don (CN89ME)
H4FSK Chat Beacon DE VA7DGP 73 Don (CN89ME)
xe2/n6kzb de wb0kgn wb0kgn Dave in Minnesota
"(o,IDu]a+)U{ bZXF hav e
been0* hearingMGZDyGhVFw
arwr"a -nsIIt has been so long since I ed his program, that I have
forgotten how

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3550. Re: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-26 12:18:47 UTC
From: C. R. "Dick" Lamberson
Topic: 3524 Message: 3550

Here we go again - but since ARRL 'suggests' we use the following:
10 Meters (28-29.7 MHz)
28.000-28.070 CW
28.070-28.150 RTTY
28.150-28.190 CW
28.200-28.300 Beacons

My 10 meter beacon will be on 28.230 today, Saturday, October 26th. Hope to see you there when the band opens.

3551. Re: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-26 15:14:45 UTC
From: C. R. "Dick" Lamberson
Topic: 3524 Message: 3551

Had good qso with Michel, F1ABL in France 28.230 few minutes ago

----- Original Message -----
From: C. R. "Dick" Lamberson
To: V4Protocol@yahoogroups.com
Sent: Saturday, October 26, 2013 8:18 AM
Subject: Re: [V4Protocol] CQ test v4 Chat 0.1.6.0

Here we go again - but since ARRL 'suggests' we use the following:
10 Meters (28-29.7 MHz)
28.000-28.070 CW
28.070-28.150 RTTY
28.150-28.190 CW
28.200-28.300 Beacons

My 10 meter beacon will be on 28.230 today, Saturday, October 26th. Hope to see you there when the band opens.

3552. RE: Re: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-26 15:18:25 UTC
From: <esunetdude@...>
Topic: 3524 Message: 3552

So by virtue of the above list, for ARQ and FEC QSO we would be between 28.070 and 28.150. I imagine the ARRL/FCC expects that region to be digital data. Obviously there is PSK and Olivia mixed in there as well.

I just started a beacon on 28.230, 25 watts. But there is a lot of voice activity close to the frequency. In the states we are not permitted to use voice below 28.300 so I wonder if this is bootleg SSB.

Either way, I will be checking periodically. Hope to see some activity on 28.230.

Doug, N3JXB

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Here we go again - but since ARRL 'suggests' we use the following:
10 Meters (28-29.7 MHz) 28.000-28.070 CW 28.070-28.150 RTTY 28.150-28.190 CW 28.200-28.300 Beacons

My 10 meter beacon will be on 28.230 today, Saturday, October 26th. Hope to see you there when the band opens.

3553. Capture

Yahoo group: V4Protocol
Date: 2013-10-26 15:26:52 UTC
From: <jgmags2000@...>
Topic: 3553 Message: 3553

Hello group.. Capture box indicates "offline".. How do I get it online? Sound card set up is USB Signalink.. Two Tone test works ok..

73., John KJ1J

3554. RE: [V4Protocol] CQ test v4 Chat 0.1.6.0

Yahoo group: V4Protocol
Date: 2013-10-26 15:29:04 UTC
From: MICHEL F1ABL
Topic: 3524 Message: 3554
Attachments: 1 described; binary payloads are missing from this source WARC

28.230 see W4WEB Dick thanks QSo 73

Where we go for QSO ????

To: V4Protocol@yahoogroups.com
From: esunetdude@...
Date: Sat, 26 Oct 2013 08:18:25 -0700
Subject: RE: Re: [V4Protocol] CQ test v4 Chat 0.1.6.0

So by virtue of the above list, for ARQ and FEC QSO we would be between 28.070 and 28.150. I imagine the ARRL/FCC expects that region to be digital data. Obviously there is PSK and Olivia mixed in there as well.

I just started a beacon on 28.230, 25 watts. But there is a lot of voice activity close to the frequency. In the states we are not permitted to use voice below 28.300 so I wonder if this is bootleg SSB.

Either way, I will be checking periodically. Hope to see some activity on 28.230.
Doug, N3JXB

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Here we go again - but since ARRL 'suggests' we use
the following:

10 Meters (28-29.7 MHz)

28.000-28.070
CW

28.070-28.150
RTTY

28.150-28.190
CW

28.200-28.300
Beacons

My 10 meter beacon will be on 28.230 today,
Saturday, October 26th. Hope to see you there when the band
opens.

3555. RE: [V4Protocol] Capture

Yahoo group: V4Protocol
Date: 2013-10-26 15:33:16 UTC
From: MICHEL F1ABL
Topic: 3553 Message: 3555

John,

which version do you use the last is Chat V0.1.6.0 and just mode FEC is used

Michel
To: V4Protocol@yahoogroups.com
From: jgmags2000@...
Date: Sat, 26 Oct 2013 08:26:52 -0700
Subject: [V4Protocol] Capture

Hello group.. Capture box indicates "offline".. How do I get it online? Sound card set up is USB Signalink.. Two Tone test works ok..

73., John KJ1J

3556. RE: Capture

Yahoo group: V4Protocol
Date: 2013-10-26 15:40:14 UTC
From: <jgmags2000@...>
Topic: 3553 Message: 3556

Hi Michel, thanks for the reply.. Yes, I'm using 0.1.6.0..and FEC mode..

---In v4protocol@yahoogroups.com, <micheluze@...> wrote:

John,

which version do you use the last is Chat V0.1.6.0 and just mode FEC is used

Michel
To: V4Protocol@yahoogroups.com
From: jgmags2000@...
Date: Sat, 26 Oct 2013 08:26:52 -0700
Subject: [V4Protocol] Capture

Hello group.. Capture box indicates "offline".. How do I get it online? Sound card set up is USB Signalink.. Two Tone test works ok..

73., John KJ1J

3557. RE: [V4Protocol] RE: Capture

Yahoo group: V4Protocol
Date: 2013-10-26 15:49:51 UTC
From: MICHEL F1ABL
Topic: 3553 Message: 3557
Attachments: 1 described; binary payloads are missing from this source WARC

John
for send text you write in case, if you have prepared some texts with menu Paste and Enter
if in your parameterssee the pic joint it is my set up i use also a sigalink
Michel
To: V4Protocol@yahoogroups.com
From: jgmags2000@...
Date: Sat, 26 Oct 2013 08:40:14 -0700
Subject: [V4Protocol] RE: Capture

Hi Michel, thanks for the reply.. Yes, I'm using 0.1.6.0..and FEC mode..

---In v4protocol@yahoogroups.com, <micheluze@...> wrote:

John,

which version do you use the last is Chat V0.1.6.0 and just mode FEC is used

Michel
To: V4Protocol@yahoogroups.com
From: jgmags2000@...
Date: Sat, 26 Oct 2013 08:26:52 -0700
Subject: [V4Protocol] Capture

Hello group.. Capture box indicates "offline".. How do I get it online? Sound card set up is USB Signalink.. Two Tone test works ok..

73., John KJ1J

3558. Re: [V4Protocol] RE: Capture [1 Attachment]

Yahoo group: V4Protocol
Date: 2013-10-26 16:08:14 UTC
From: gigisapo
Topic: 3558 Message: 3558

Hi Michel, RE H4FSK IM USING TNC 0.1.5.0 AND FEW MINUTS AGO I COPIED
N4EF AT 28.230 ... WHICH FREQ HAVE TO USE TO TRY CHATTING?? TNX GIGI IK2MXM

.

3559. RE: [V4Protocol] RE: Capture

Yahoo group: V4Protocol
Date: 2013-10-26 16:15:06 UTC
From: MICHEL F1ABL
Topic: 3558 Message: 3559

GIGI

The last version is V0.16.0 on the yahoo group you have the full install in the part "Files"

For QSo i don't know yesterday it is 28.123 but today all activity is on 28.230 ???

73 Michel
To: V4Protocol@...m
From: gigisapo@...
Date: Sat, 26 Oct 2013 18:08:14 +0200
Subject: Re: [V4Protocol] RE: Capture

Hi Michel, RE H4FSK IM USING TNC
0.1.5.0 AND FEW MINUTS AGO I COPIED
N4EF AT 28.230 ... WHICH FREQ HAVE TO
USE TO TRY CHATTING?? TNX GIGI IK2MXM

.

3560. Re: [V4Protocol] RE: Capture [1 Attachment]

Yahoo group: V4Protocol
Date: 2013-10-26 16:20:11 UTC
From: Ron Wenig
Topic: 3553 Message: 3560

John,

I think the status in the capture box will be offline until a signal breaks the squelch. If you lower the squelch setting the idle status should change. When I first saw the offline status I thought that I was having sound card problems.

I also think that the status for playback will change when you send a signal out.

73, Ron ny3j

On 10/26/2013 11:49 AM, MICHEL F1ABL wrote:
> To: V4Protocol@yahoogroups.com
> From: jgmags2000@...
> Date: Sat, 26 Oct 2013 08:26:52 -0700
> Subject: [V4Protocol] Capture
>
> Hello group.. Capture box indicates "offline".. How do I get it
> online? Sound card set up is USB Signalink.. Two Tone test works ok..
>
> 73., John KJ1J

3561. Copy K1DOW 28.230

Yahoo group: V4Protocol
Date: 2013-10-26 16:50:15 UTC
From: <mikeaburton@...>
Topic: 3561 Message: 3561

Copy FB from Baja, de xe2/n6kzb

3562. where is the report ?

Yahoo group: V4Protocol
Date: 2013-10-26 16:53:26 UTC
From: MICHEL F1ABL
Topic: 3553 Message: 3562
Attachments: 1 described; binary payloads are missing from this source WARC

where i can see the report from the station that is decoded it writen juste see " Decode Quality
" with no dB indicator.
73 Michel
To: V4Protocol@yahoogroups.com
From: rwenig@...
Date: Sat, 26 Oct 2013 12:20:11 -0400
Subject: Re: [V4Protocol] RE: Capture

John,

I think the status in the capture box will be offline until a signal

breaks the squelch. If you lower the squelch setting the idle status

should change. When I first saw the offline status I thought that I was

having sound card problems.

I also think that the status for playback will change when you send a

signal out.

73, Ron ny3j

On 10/26/2013 11:49 AM, MICHEL F1ABL wrote:

> To: V4Protocol@yahoogroups.com

> From: jgmags2000@...

> Date: Sat, 26 Oct 2013 08:26:52 -0700

> Subject: [V4Protocol] Capture

>

> Hello group.. Capture box indicates "offline".. How do I get it

> online? Sound card set up is USB Signalink.. Two Tone test works ok..

>

> 73., John KJ1J

3563. 28230

Yahoo group: V4Protocol
Date: 2013-10-26 18:30:36 UTC
From: Don Poaps
Topic: 3563 Message: 3563

I think that's where we have moved to. I'm beaconing on that freq.

73

Don va7dgp

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3564. Re: [V4Protocol] RE: Capture

Yahoo group: V4Protocol
Date: 2013-10-26 18:53:01 UTC
From: JGMAGS
Topic: 3553 Message: 3564

Thanks Ron...That did the trick. I haven't used VCHAT since the very early days and looking forward to getting back to chat.. tnx again
73, John

"Many a good argument is ruined by some fool that knows what he is talking about"
... Marshall McLuhan...

_____
From: Ron Wenig <rwenig@...>
To: V4Protocol@yahoogroups.com
Sent: Saturday, October 26, 2013 12:20 PM
Subject: Re: [V4Protocol] RE: Capture

John,

I think the status in the capture box will be offline until a signal
breaks the squelch. If you lower the squelch setting the idle status
should change. When I first saw the offline status I thought that I was
having sound card problems.

I also think that the status for playback will change when you send a
signal out.

73, Ron ny3j

On 10/26/2013 11:49 AM, MICHEL F1ABL wrote:
> To: V4Protocol@yahoogroups.com
> From: jgmags2000@...
> Date: Sat, 26 Oct 2013 08:26:52 -0700
> Subject: [V4Protocol] Capture
>
> Hello group.. Capture box indicates "offline".. How do I get it
> online? Sound card set up is USB Signalink.. Two Tone test works ok..
>
> 73., John KJ1J

3565. Currently on 28.230 hearing...

Yahoo group: V4Protocol
Date: 2013-10-26 19:32:07 UTC
From: <kirk.harding@...>
Topic: 3565 Message: 3565

I surprised to hear Russ, K1DOW In Arcadia, FL 361 miles SE of me and Dick, W4WEB. who is about 85 miles SE of me. Unusual for 10 meters.

3566. 28230 Print

Yahoo group: V4Protocol
Date: 2013-10-26 19:32:29 UTC
From: Don Poaps
Topic: 3566 Message: 3566

DE VA7DGP CN89ME WWW.QRZ/DB/VA7DGP 73 Don□
DE VA+S□a?9?9ME WvY2Gxh?□/VA7DKB??????L?????L?????F?????????0n
Arcadia, FL.This is SHORT skip!!!CHAT 0.1.6.0 TEST - K1DOW - Arcadia,
Florida□
|T????????HoYЂ?ie?hp?uW?Q+?EY???U#?YR???z:?b?i?F?Jt?????wb&E?Q?□UZ`AYjee&f??YYM&0B????j?*¸YV?
??]KZ??????ZT,&??#??Fw{y?O??v?w?y}4"?Y?Z`??U? ??Y8?A?
- H%JE^ HE?"`□?f??&]Na?&????VA%FUTy????????Sa TEST TEST DE KK8G
KK8G r□
????$I??P\?(??□??D? *** Beacon sent @ 2013/10/26 19:25:52 UTC

DE VA7DGP CN89ME WWW.QRZ/DB/VA7DGP 73 Don□
DE VAwE??9ME YUW.QRZ/?SI?u?~□
'S?Ŗ¬??(??□%?/Y#??F!?.*5T@CH?□
\???hWKRY?p?P,?R%4,XlECKz?ѫt?7??~??+JZ??A?AGEt?□b
%f???V?V□?{Ɵj?V?Qf??VY?U??wi???eTG?i????W???,"-

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3567. RE: Currently on 28.230 hearing...

Yahoo group: V4Protocol
Date: 2013-10-26 19:45:24 UTC
From: <ve7dfj@...>
Topic: 3565 Message: 3567

K1DOW you were solid copy on 28230 in Victoria BC. Was out in the garage soldering etc. just left the rig on

Jack VE7DFJ

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

I surprised to hear Russ, K1DOW In Arcadia, FL 361 miles SE of me and Dick, W4WEB. who is about 85 miles SE of me. Unusual for 10 meters.

3568. Not bad three way

Yahoo group: V4Protocol
Date: 2013-10-26 19:55:26 UTC
From: <mikeaburton@...>
Topic: 3568 Message: 3568

K6KAR in Florida
AA1CZ in Maine
XE2/N6KZB in Baja

28.230 solid print !

Adios

3569. Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-26 20:13:29 UTC
From: Rick Muething
Topic: 3566 Message: 3569
Attachments: 1 described; binary payloads are missing from this source WARC

All,

Here in LA. No radio equipment so can't participate in any over the air testing.

I have investigated some of the decoding problems observed showing a cycling of the decode quality which look something like this:

I am now pretty convinced this is due to some significant errors in the sound card capture or Playback rate. The current beta software should have enough correction capability to handle up to +/- 1000 ppm (.1%) error but the above type of distortion seen in some cases is something more like 10,000 ppm or 1% .Pretty bad for even a cheap sound card
I have uploaded a utility program found in the MixW software package called CheckSR.exe to the V4Protocol FTP section. If you download this simple utility you can check the accuracy of your sound card.
I would suggest if you are seeing results like the above or others have reported seeing your signal like this then run the simple CheckSR.exe program.
To run select 12000 Hz sample rate (that is what is used on the H4Chat program. Start it and let it run at least a minute or more. Stop and look at the errors reported in ppm. If they are over 1000 the sound card is suspect. If you see over 1000 on the capture rate try another test at 48000 and see how it compares to the first test. (normally 48000 and 12000 are more "cardinal" rates which have been shown in many tests to have the lowest errors on most sound cards).
There are some ways to compensate for this error in the software (the "calibration" is really just a compensation in the H4TNC DSP code) and I am evaluating some different ways.
If you have a sound card or sound card interface that is over 1000 ppm please report it to the reflector along with the sound card type so we have some idea of what percentage of those with problems we have.
Just for reference: The SCS PTC II and DR7xxx DSP TNC have a very stable temperature compensated Xtal oscillator that is better than 10 ppm. This is what is required for really high performance DSP. Some tests I have done on the built in sound cards on the newer radios (Kenwood TS-590, Icom 7100, 7200, 7600) have been very good too...< 100 ppm.

73,

Rick KN6KB

3570. Re: [V4Protocol] Not bad three way

Yahoo group: V4Protocol
Date: 2013-10-26 20:15:25 UTC
From: Rick Muething
Topic: 3568 Message: 3570

Nice Mike,

I’m interested in finding out the accuracy of your sound cards. Just uploaded a utility for this CheckSR.exe

Here in LA with Daugher and granddaughter!

Rick KN6KB

From: mikeaburton@...
Sent: Saturday, October 26, 2013 3:55 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Not bad three way

K6KAR in Florida

AA1CZ in Maine
XE2/N6KZB in Baja

28.230 solid print !

Adios

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/1 - Release Date: 10/07/13
Internal Virus Database is out of date.

3571. RE: Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-26 21:19:11 UTC
From: <mikeaburton@...>
Topic: 3566 Message: 3571

Rick in answer to your query, ICOM 7100 sound card rate after 25 minutes with ratechecker is:
Input diff in PPM -2 Output diff in PPM -1

Mike

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

All,

Here in LA. No radio equipment so can’t participate in any over the air testing.

I have investigated some of the decoding problems observed showing a cycling of the decode quality which look something like this:

I am now pretty convinced this is due to some significant errors in the sound card capture or Playback rate. The current beta software should have enough correction capability to handle up to +/- 1000 ppm (.1%) error but the above type of distortion seen in some cases is something more like 10,000 ppm or 1% .Pretty bad for even a cheap sound card
I have uploaded a utility program found in the MixW software package called CheckSR.exe to the V4Protocol FTP section. If you download this simple utility you can check the accuracy of your sound card.
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There are some ways to compensate for this error in the software (the “calibration” is really just a compensation in the H4TNC DSP code) and I am evaluating some different ways. If you have a sound card or sound card interface that is over 1000 ppm please report it to the reflector along with the sound card type so we have some idea of what percentage of those with problems we have.
Just for reference: The SCS PTC II and DR7xxx DSP TNC have a very stable temperature compensated Xtal oscillator that is better than 10 ppm. This is what is required for really high performance DSP. Some tests I have done on the built in sound cards on the newer radios (Kenwood TS-590, Icom 7100, 7200, 7600) have been very good too...< 100 ppm.

73,

Rick KN6KB

3572. RE: [V4Protocol] Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-26 21:20:45 UTC
From: Kirk
Topic: 3566 Message: 3572
Attachments: 3 described; binary payloads are missing from this source WARC

Rick,

That’s an interesting and worthwhile find. I’ve used MixW many times but never noticed that ap. I’m seeing around -50 both in and out on my sound card.

Thanks,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Saturday, October 26, 2013 3:13 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Sound Card Sample rate checker

All,

Here in LA. No radio equipment so can’t participate in any over the air testing.

I have investigated some of the decoding problems observed showing a cycling of the decode quality which look something like this:

I am now pretty convinced this is due to some significant errors in the sound card capture or Playback rate. The current beta software should have enough correction capability to handle up to +/- 1000 ppm (.1%) error but the above type of distortion seen in some cases is something more like 10,000 ppm or 1% .Pretty bad for even a cheap sound card

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73,

Rick KN6KB

3573. Monitoring Beacons 28230 kHz

Yahoo group: V4Protocol
Date: 2013-10-26 21:33:52 UTC
From: DG
Topic: 3573 Message: 3573

Here's who I heard on Saturday Oct 26 2013 28230 kHz over 6 hours:

F1ABL
PY3SS
IK2MXM
K1DPW
KJ1J

Dave
N4EF

3574. Re: [V4Protocol] Not bad three way

Yahoo group: V4Protocol
Date: 2013-10-26 21:49:02 UTC
From: Don Poaps
Topic: 3568 Message: 3574

Where would setup the Soundcard . I know how to do it in FLDIGI. Not sure
about Winmor/h4-TNC?

Don va7dgp

On Saturday, October 26, 2013, Rick Muething wrote:

> **
>
>
> Nice Mike,
>
> I’m interested in finding out the accuracy of your sound cards. Just
> uploaded a utility for this CheckSR.exe
>
> Here in LA with Daugher and granddaughter!
>
> Rick KN6KB
>
>
> *From:* mikeaburton@... <javascript:_e({}, 'cvml',
> 'mikeaburton@outlook.com');>
> *Sent:* Saturday, October 26, 2013 3:55 PM
> *To:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>
> *Subject:* [V4Protocol] Not bad three way
>
>
>
> K6KAR in Florida
> AA1CZ in Maine
> XE2/N6KZB in Baja
>
> 28.230 solid print !
>
> Adios
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3615/1 - Release Date: 10/07/13
> Internal Virus Database is out of date.
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3575. Blips in Power Out on FEC

Yahoo group: V4Protocol
Date: 2013-10-26 23:39:51 UTC
From: <esunetdude@...>
Topic: 3575 Message: 3575

I noticed that when sending text in HAM4 the output power goes to whatever level I set an then repeatedly has sharp but brief drops about every 1 1/2 seconds. The power dip is so sharp the I can even see it on the amp meter on the power supply. I do not see this with the FSKID. And I have checked the older V4CHAT and this does not happen. Is there some repeated cycling that would cause this in HAM4? Is anyone else noticing this?

For what it is worth, I have an Icom 7600 and I am using the USB interface.

Doug, N3JXB

3576. RE: Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-27 00:47:24 UTC
From: <w4iwk@...>
Topic: 3566 Message: 3576

At least in my case, CheckSR gives very inaccurate results when used with a SignaLink USB.

With a rate of 48000 selected: CheckSR reports my SignaLink has an input rate of 46044.45 and an output of 46010.02. Off by almost 2000 Hz.

Using Flidgi's WWV sound card calibration, the SignaLink is only off from 48000 by 47 ppm. And the 47 ppm adjustment works in Flidgi.

Irv W4IWK

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

All,

Here in LA. No radio equipment so can’t participate in any over the air testing.

I have investigated some of the decoding problems observed showing a cycling of the decode quality which look something like this:

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73,

Rick KN6KB

3577. Re: [V4Protocol] RE: Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-27 01:43:21 UTC
From: Steve Michaels
Topic: 3566 Message: 3577

de N4AY checksr.exe

Soundblaster Go-Fi Pro external

12000hz

Input 12127.91 Output 12002.18

48000

Input 47997.58 Output 47997.58

de N4AY

On Sat, Oct 26, 2013 at 7:47 PM, <w4iwk@...> wrote:

> **
>
>
> At least in my case, CheckSR gives very inaccurate results when used with
> a SignaLink USB.
>
>
> With a rate of 48000 selected: CheckSR reports my SignaLink has an input
> rate of 46044.45 and an output of 46010.02. Off by almost 2000 Hz.
>
>
> Using Flidgi's WWV sound card calibration, the SignaLink is only off from
> 48000 by 47 ppm. And the 47 ppm adjustment works in Flidgi.
>
>
> Irv W4IWK
>
>
>
>
>
>
> ---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:
>
>
>
> All,
>
> Here in LA. No radio equipment so can’t participate in any over the air
> testing.
>
> I have investigated some of the decoding problems observed showing a

> cycling of the decode quality which look something like this:
>
> [image: image]
>
> I am now pretty convinced this is due to some significant errors in the
> sound card capture or Playback rate. The current beta software should have
> enough correction capability to handle up to +/- 1000 ppm (.1%) error but
> the above type of distortion seen in some cases is something more like
> 10,000 ppm or 1% .Pretty bad for even a cheap sound card
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> suspect. If you see over 1000 on the capture rate try another test at
> 48000 and see how it compares to the first test. (normally 48000 and 12000
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> temperature compensated Xtal oscillator that is better than 10 ppm. This
> is what is required for really high performance DSP. Some tests I have
> done on the built in sound cards on the newer radios (Kenwood TS-590, Icom
> 7100, 7200, 7600) have been very good too...< 100 ppm.
>
> 73,
>
> Rick KN6KB
>
>
>
>

3578. Re: [V4Protocol] Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-27 11:18:37 UTC
From: Ron Wenig
Topic: 3566 Message: 3578

Hi Rick,

I ran the CheckSR program on my Kenwood TS-590 with its built in sound card. The difference PPM was 0, both input and output.

When I see this kind of decoding problems I just take it for granted that it's just poor propagation.

73, Ron ny3j

On 10/26/2013 4:13 PM, Rick Muething wrote:
>
> All,
> Here in LA. No radio equipment so can’t participate in any over the
> air testing.
> I have investigated some of the decoding problems observed showing a
> cycling of the decode quality which look something like this:
>

3579. RE: 28230

Yahoo group: V4Protocol
Date: 2013-10-27 12:25:50 UTC
From: <harrydonnelly@...>
Topic: 3563 Message: 3579

I'm on 28230 from now 12:24 UTC/GMT any reports welcome.

Harry
M0GNM

---In v4protocol@yahoogroups.com, <va7dgp@...> wrote:

I think that's where we have moved to. I'm beaconing on that freq.

73

Don va7dgp

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3580. RE: Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-27 15:02:57 UTC
From: <russtower@...>
Topic: 3566 Message: 3580

Rick;

Great idea on suggesting the group check their sound cards for error!

Here is my report for my Creative Soundblaster PCI sound card tested at 12000Hz:

INPUT OUTPUT
---------- ------------
Difference in ppm: 184 7

73/Russ
K1DOW

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

All,

Here in LA. No radio equipment so can’t participate in any over the air testing.

I have investigated some of the decoding problems observed showing a cycling of the decode quality which look something like this:

I am now pretty convinced this is due to some significant errors in the sound card capture or Playback rate. The current beta software should have enough correction capability to handle up to +/- 1000 ppm (.1%) error but the above type of distortion seen in some cases is something more like 10,000 ppm or 1% .Pretty bad for even a cheap sound card
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73,

Rick KN6KB

3581. Re: [V4Protocol] RE: Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-27 16:10:47 UTC
From: William Calderwood
Topic: 3566 Message: 3581

All -

    My Signalink checks out thus:

Input: -79 ppm Output: -28 ppm

                                  73, Bill K1CT

On Sunday, October 27, 2013 8:03 AM, "russtower@..." <russtower@gmail.com> wrote:

Rick;

Great idea on suggesting the group check their sound cards for error!

Here is my report for my Creative Soundblaster PCI sound card tested at 12000Hz:

	INPUT	OUTPUT
Difference in ppm:	184	7

73/Russ
K1DOW

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

All,

Here in LA. No
radio equipment so can’t participate in any over the air testing.

I have investigated
some of the decoding problems observed showing a cycling of the decode
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I am now pretty
convinced this is due to some significant errors in the sound card capture or
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To run select 12000 Hz

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73,

Rick KN6KB

3582. RE: Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-27 18:50:09 UTC
From: <esunetdude@...>
Topic: 3566 Message: 3582

Hi Rick,

I used the CheckSR.exe against the internal USB soundcard in my Icom 7600 and the external SignaLink USB. The numbers just jumped all over, but neither was over 144. Then, without making any changes I checked both with fldigi using its WWV check. Using an adjustment of 0 for both sound inputs produced a straight line. I hope that small contribution will help.

I am, however, still puzzled by the very obvious dips in output when running FEC. This is not evident with the FSKID, just FEC text and the beacon.

Doug, N3JXB

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

All,

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73,

Rick KN6KB

3583. Re: [V4Protocol] RE: Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-27 19:01:41 UTC
From: Ricky Faulkenberry
Topic: 3566 Message: 3583

Sound blaster is an excellent card for digital modes; got two of them. KJ1j and I had qso about 12 cst. 28.230 worked fine, heard no beacons.
On Oct 27, 2013 10:03 AM, <russtower@...> wrote:

> **
>
>
> Rick;
>
> Great idea on suggesting the group check their sound cards for error!
>
> Here is my report for my Creative Soundblaster PCI sound card tested at
> 12000Hz:
>
> INPUT
> OUTPUT
> ----------
> ------------
> Difference in ppm: 184 7
>
>
> 73/Russ
> K1DOW
>
>
>
>
>
> ---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:
>
>
>
> All,
>
> Here in LA. No radio equipment so can’t participate in any over the air
> testing.
>
> I have investigated some of the decoding problems observed showing a
> cycling of the decode quality which look something like this:
>
> [image: image]
>
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> sound card capture or Playback rate. The current beta software should have
> enough correction capability to handle up to +/- 1000 ppm (.1%) error but

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> 48000 and see how it compares to the first test. (normally 48000 and 12000
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> temperature compensated Xtal oscillator that is better than 10 ppm. This
> is what is required for really high performance DSP. Some tests I have
> done on the built in sound cards on the newer radios (Kenwood TS-590, Icom
> 7100, 7200, 7600) have been very good too...< 100 ppm.
>
> 73,
>
> Rick KN6KB
>
>
>

3584. Re: [V4Protocol] Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-27 19:46:13 UTC
From: Hoby KK8G
Topic: 3566 Message: 3584
Attachments: 1 described; binary payloads are missing from this source WARC

After using CHECKSR for several years, I have found that the samplerate of the soundcard is determined in reference to the time base of the computer. So the card is usually very good unless the time base of the computer is poor. You can take the same soundcard and use it with two different computers and get two different results.
My two radio computers (one WIN7, AMD ATHLON II X4 650 GHz w/8 Gig RAM) routinely gives much better results from CHECKSR. The other (XP CELERON 440 - 2GHz w/1 Gig RAM) is not so stable. My SL on the WIN7 shows a +31 PPM Input, and + 37 PPM Output error. My XP shows the same SL with -97 PPM Input and -101 PPM Output error.
The clock on the Win7 machine will normally run several days with the clock varying only a very few seconds. The XP will run the same time, but the clock error will be many seconds, maybe even close to a minute.
This stability is shown when running M110A (MARS, not legal on Ham bands) the XP will lose sync much sooner than the more stable WIN7 one.
So, don't be in a hurry to blame the soundcard itself.
As a contradiction, my XP machine seems to decode H4Chat much better than the WIN7.. Go figure..
Hoby KK8G

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Saturday, October 26, 2013 4:13 PM
Subject: [V4Protocol] Sound Card Sample rate checker

All,

Here in LA. No radio equipment so can’t participate in any over the air testing.

I have investigated some of the decoding problems observed showing a cycling of the decode quality which look something like this:

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73,

Rick KN6KB

3585. Re: [V4Protocol] Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-28 13:12:23 UTC
From: Steve Michaels
Topic: 3566 Message: 3585

Over the weekend I experimented with my external soundcard (a Soundblaster X-Fi go pro) and found that if I deleted all the Creative Sound Labs software/drivers and started using the generic microsoft driver from 2001 (old XP Pro computer) all of my problems disappeared! Before I was seeing the Decode Quality display on beacon transmit and QBF cycling up and down--now I see a solid green line with perfect decode. CheckSR is showing (at 44100 sample rate) -51 Input and -76 Output.

I discovered the possible source of the problem while researching HF ALE software PCALE, the developer said there were numerous problems relating to driver software in his application.

Beaconing 28.230 for a few hours today.

73 de N4AY

3586. Re: [V4Protocol] Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-28 16:34:09 UTC
From: Rick Muething
Topic: 3566 Message: 3586
Attachments: 1 described; binary payloads are missing from this source WARC

Hoby,

If you read about he utility program CheckSR.exe you will find that it uses the computer time of day clock for the reference interval. (if you are going to count the number of samples per second ...actually averaged over MANY seconds... you MUST have some absolute reference for the “second” and that is when the computer clock is used. In virtually any computer the time of day computer clock is not the same reference used for the sound card. So the bottom line is you can expect normal variations from the same sound card across different computers due to their non perfect time-of-day reference clocks. The instructions suggests these variations (due to computer clock) are in the range of +/- 100 ppm or less (that would be on the order of a 10 sec/day real time clock error.

What the CheckSR does is measure the actual sample rate of the sound card (by counting the number of samples in a given period of seconds) . There are two major problems seen on sound cards...especially low cost ones:
1) All the rates are off by approximately the same ppm. This is due to error in the sound card’s reference oscillator...Some you cheap $.25 “xtals” with poor frequency tolerance and high drift. Errors of +/- 2000 ppm are not that uncommon. (as a contrary example the sample rate reference in the SCS PTC II and similar DSP TNCs is on the order of +/- 10 ppm or better)

2) Some sound card chips use logic to approximate the sound card sample rate on some settings. On these you may find the cardinal settings like 96000, 48000 etc. Very good (say < 200 ppm) but some of the other rates (especially 44.1KHz 11.025, 8 KHz) to have much larger errors say +/- 2000 ppm or more. This is not due to the xtal frequency but to approximations in the reference generator mechanism. For playing a song you would probably never notice 2000 ppm error but when it comes to demodulating certain modulation types using DSP it is a BIG error and depending on the modulation scheme and number of carriers used and their spacing NOT easily corrected (e.g. with a reasonable amount of CPU resources) by software.

Rick KN6KB

From: Hoby KK8G
Sent: Sunday, October 27, 2013 3:46 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Sound Card Sample rate checker

☐

After using CHECKSR for several years, I have found that the samplerate of the soundcard is determined in reference to the time base of the computer. So the card is usually very good unless the time base of the computer is poor. You can take the same soundcard and use it with two different computers and get two different results.
My two radio computers (one WIN7, AMD ATHLON II X4 650 GHz w/8 Gig RAM) routinely gives much better results from CHECKSR. The other (XP CELERON 440 - 2GHz w/1 Gig RAM) is not so

stable. My SL on the WIN7 shows a +31 PPM Input, and + 37 PPM Output error. My XP shows the same SL with -97 PPM Input and -101 PPM Output error.
The clock on the Win7 machine will normally run several days with the clock varying only a very few seconds. The XP will run the same time, but the clock error will be many seconds, maybe even close to a minute.
This stability is shown when running M110A (MARS, not legal on Ham bands) the XP will lose sync much sooner than the more stable WIN7 one.
So, don't be in a hurry to blame the soundcard itself.
As a contradiction, my XP machine seems to decode H4Chat much better than the WIN7.. Go figure..
Hoby KK8G

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Saturday, October 26, 2013 4:13 PM
Subject: [V4Protocol] Sound Card Sample rate checker

All,

Here in LA. No radio equipment so can’t participate in any over the air testing.

I have investigated some of the decoding problems observed showing a cycling of the decode quality which look something like this:

I am now pretty convinced this is due to some significant errors in the sound card capture or Playback rate. The current beta software should have enough correction capability to handle up to +/- 1000 ppm (.1%) error but the above type of distortion seen in some cases is something more like 10,000 ppm or 1% .Pretty bad for even a cheap sound card
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/1 - Release Date: 10/07/13
Internal Virus Database is out of date.

3587. Re: [V4Protocol] Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-28 16:36:20 UTC
From: Rick Muething
Topic: 3566 Message: 3587

Thanks for the feedback Steve. For the H4 TNC we have been testing the critical rate is 12000 samples per second. It is important to test on this rate as it is not uncommon for certain rates to have large differences so it is important to run the test at the desired sample rate.

Rick KN6KB

From: Steve Michaels
Sent: Monday, October 28, 2013 9:12 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Sound Card Sample rate checker

Over the weekend I experimented with my external soundcard (a Soundblaster X-Fi go pro) and found that if I deleted all the Creative Sound Labs software/drivers and started using the generic microsoft driver from 2001 (old XP Pro computer) all of my problems disappeared! Before I was seeing the Decode Quality display on beacon transmit and QBF cycling up and down--now I see a solid green line with perfect decode. CheckSR is showing (at 44100 sample rate) -51 Input and -76 Output.

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3588. Re: [V4Protocol] Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-28 16:39:38 UTC
From: Rick Muething
Topic: 3566 Message: 3588

Ron,

Not necessarily propagation...If the station sending to you for example has a playback rate of say 12024 Hz instead of 12000 (a + 2000 ppm error) you could see poor decoding since your rate does not closely match his.

I have some ideas on some more aggressive compensation that I will look at...but having correct sample rates (say +/- 500 ppm) makes a big difference.

73,

Rick KN6KB

From: Ron Wenig
Sent: Sunday, October 27, 2013 7:18 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Sound Card Sample rate checker

Hi Rick,

I ran the CheckSR program on my Kenwood TS-590 with its built in sound card. The difference PPM was 0, both input and output.

When I see this kind of decoding problems I just take it for granted that it's just poor propagation.

73, Ron ny3j

On 10/26/2013 4:13 PM, Rick Muething wrote:

All,

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3589. Re: [V4Protocol] Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-28 16:50:28 UTC
From: ric5
Topic: 3566 Message: 3589
Attachments: 1 described; binary payloads are missing from this source WARC

Rick would it be in my best interest to go out and buy a high in sound card at this point? See attachment...
Rick Tharrington Kd4jrx

From: Rick Muething
Sent: Monday, October 28, 2013 12:34 PM
To: V4Protocol@...m
Subject: Re: [V4Protocol] Sound Card Sample rate checker

Hoby,

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Rick KN6KB

From: Hoby KK8G
Sent: Sunday, October 27, 2013 3:46 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Sound Card Sample rate checker

□

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So, don't be in a hurry to blame the soundcard itself.
As a contradiction, my XP machine seems to decode H4Chat much better than the WIN7.. Go figure..
Hoby KK8G

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Saturday, October 26, 2013 4:13 PM
Subject: [V4Protocol] Sound Card Sample rate checker

All,

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I am now pretty convinced this is due to some significant errors in the sound card capture or Playback rate. The current beta software should have enough correction capability to handle up to +/- 1000 ppm (.1%) error but the above type of distortion seen in some cases is something more like 10,000 ppm or 1% .Pretty bad for even a cheap sound card
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Just for reference: The SCS PTC II and DR7xxx DSP TNC have a very stable temperature compensated Xtal oscillator that is better than 10 ppm. This is what is required for really high performance DSP. Some tests I have done on the built in sound cards on the newer radios (Kenwood TS-590, Icom 7100, 7200, 7600) have been very good too...< 100 ppm.

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Rick KN6KB

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/1 - Release Date: 10/07/13
Internal Virus Database is out of date.

3590. Re: [V4Protocol] RE: Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-28 16:53:48 UTC
From: Rick Muething
Topic: 3566 Message: 3590

Mike,

I knew the 7100 was good but 1 or 2 ppm is in a league by itself! It really isn't hard when you use a good sound card chip and a decent Xtal and oscillator!

Rick

From: mikeaburton@...
Sent: Saturday, October 26, 2013 5:19 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: Sound Card Sample rate checker

Rick in answer to your query, ICOM 7100 sound card rate after 25 minutes with ratechecker is:

Input diff in PPM -2 Output diff in PPM -1

Mike

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

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Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/1 - Release Date: 10/07/13
Internal Virus Database is out of date.

3591. Re: [V4Protocol] RE: Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-28 16:59:01 UTC
From: Rick Muething
Topic: 3566 Message: 3591

Doug,

To get the numbers to be stable you have to let the CheckSR run a long time (a minute or more). Remember it is averaging results taken over many trials.

Also remember it is not just YOUR sample rates but he combination of the playback and sample rates of the two stations. If your station is < 200 ppm capture rate error but the remote station has 5000 ppm playback error you will get the cyclic decoding issues observed. I am working on some code that will minimize this. But IMHO trying to play around with any sound card mode with a sound card with > 1000 ppm error is like threading a needle wearing boxing gloves! There are good $10 solutions out there if one looks and tests with the CheckSR.exe program.

73,

Rick KN6KB

From: esunetdude@...
Sent: Sunday, October 27, 2013 2:50 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: Sound Card Sample rate checker

Hi Rick,

I used the CheckSR.exe against the internal USB soundcard in my Icom 7600 and the external SignaLink USB. The numbers just jumped all over, but neither was over 144. Then, without making any changes I checked both with fldigi using its WWV check. Using an adjustment of 0 for both sound inputs produced a straight line. I hope that small contribution will help.

I am, however, still puzzled by the very obvious dips in output when running FEC. This is not evident with the FSKID, just FEC text and the beacon.

Doug, N3JXB

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

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Version: 2014.0.4158 / Virus Database: 3615/1 - Release Date: 10/07/13
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3592. Re: [V4Protocol] Blips in Power Out on FEC

Yahoo group: V4Protocol
Date: 2013-10-28 17:12:01 UTC
From: Rick Muething
Topic: 3575 Message: 3592

Doug,

The power dip is really just the reduction in AVERAGE power due to the Two tone sync signal (sent every 1024 ms for 128 ms). The 4FSK signals (data) are single tones and so have a peak to average power ratio of 1.0 vs the 1.4 Peak to average power of the sync signal. This is normal

Rick KN6KB

From: esunetdude@...
Sent: Saturday, October 26, 2013 7:39 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Blips in Power Out on FEC

I noticed that when sending text in HAM4 the output power goes to whatever level I set an then repeatedly has sharp but brief drops about every 1 1/2 seconds. The power dip is so sharp the I can even see it on the amp meter on the power supply. I do not see this with the FSKID. And I have checked the older V4CHAT and this does not happen. Is there some repeated cycling that would cause this in HAM4? Is anyone else noticing this?

For what it is worth, I have an Icom 7600 and I am using the USB interface.

Doug, N3JXB

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/1 - Release Date: 10/07/13
Internal Virus Database is out of date.

3593. Re: [V4Protocol] Sound Card Sample rate checker [1 Attachment]

Yahoo group: V4Protocol
Date: 2013-10-28 23:02:44 UTC
From: Hoby KK8G
Topic: 3593 Message: 3593
Attachments: 1 described; binary payloads are missing from this source WARC

Thanks for the clarification. I thought the TOD and Computer clocks were one and the same. The TOD reference is actually what I was referring to.
73
Hoby KK8G

----- Original Message -----
From: ric5
To: V4Protocol@yahoogroups.com
Sent: Monday, October 28, 2013 12:50 PM
Subject: Re: [V4Protocol] Sound Card Sample rate checker [1 Attachment]

Rick would it be in my best interest to go out and buy a high in sound card at this point? See attachment...
Rick Tharrington Kd4jrx

From: Rick Muething
Sent: Monday, October 28, 2013 12:34 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Sound Card Sample rate checker

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3594. RE: Re: [V4Protocol] RE: Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-29 01:44:26 UTC
From: <esunetdude@...>
Topic: 3566 Message: 3594

Hi Rick,

I re-ran the CheckSR app against both the IC-7600 and SignaLink at 12000 HZ setting, allowing each to run for 2 minutes. The 7600 produces +30 In, +30 Out. The SignaLink produces +241 In and +120 Out. I hope that adds some useful info to solution.

Doug, N3JXB

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Doug,

To get the numbers to be stable you have to let the CheckSR run a long time (a minute or more). Remember it is averaging results taken over many trials.

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73,

Rick KN6KB

From: esunetdude@... mailto:esunetdude@...
Sent: Sunday, October 27, 2013 2:50 PM
To: V4Protocol@yahoogroups.com mailto:V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: Sound Card Sample rate checker

Hi Rick,

I used the CheckSR.exe against the internal USB soundcard in my Icom 7600 and the external SignaLink USB. The numbers just jumped all over, but neither was over 144. Then, without making any changes I checked both with fldigi using its WWV check. Using an adjustment of 0 for both sound inputs produced a straight line. I hope that small contribution will help.

I am, however, still puzzled by the very obvious dips in output when running FEC. This is not evident with the FSKID, just FEC text and the beacon.

Doug, N3JXB

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All,

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I have investigated some of the decoding problems observed showing a cycling of the decode quality which look something like this:

I am now pretty convinced this is due to some significant errors in the sound card capture or Playback rate. The current beta software should have enough correction capability to handle up to +/- 1000 ppm (.1%) error but the above type of distortion seen in some cases is something more like 10,000 ppm or 1% .Pretty bad for even a cheap sound card
I have uploaded a utility program found in the MixW software package called CheckSR.exe to the V4Protocol FTP section. If you download this simple utility you can check the accuracy of your sound card.
I would suggest if you are seeing results like the above or others have reported seeing your signal like this then run the simple CheckSR.exe program.
To run select 12000 Hz sample rate (that is what is used on the H4Chat program. Start it and let it run at least a minute or more. Stop and look at the errors reported in ppm. If they are over 1000 the sound card is suspect. If you see over 1000 on the capture rate try another test at 48000 and see how it compares to the first test. (normally 48000 and 12000 are more “cardinal” rates which have been shown in many tests to have the lowest errors on most sound cards).
There are some ways to compensate for this error in the software (the “calibration” is really just a compensation in the H4TNC DSP code) and I am evaluating some different ways. If you have a sound card or sound card interface that is over 1000 ppm please report it to the reflector along with the sound card type so we have some idea of what percentage of those with problems we have.
Just for reference: The SCS PTC II and DR7xxx DSP TNC have a very stable temperature compensated Xtal oscillator that is better than 10 ppm. This is what is required for really high performance DSP. Some tests I have done on the built in sound cards on the newer radios (Kenwood TS-590, Icom 7100, 7200, 7600) have been very good too...< 100 ppm.

73,

Rick KN6KB

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/1 - Release Date: 10/07/13
Internal Virus Database is out of date.

3595. Re: [V4Protocol] RE: Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-29 05:13:32 UTC
From: W6IDS
Topic: 3566 Message: 3595

Hey Rick. . .

I downloaded the utility tonight and let it run for about 10
minutes on the microHAM micro KEYER II. I was busy with
a chore and let it run.

When I returned, I found the following:

Sample Rate 12,000

Input Output

Sample rate, Hz 11999.90 11999.98

Difference ppm -8 -1

Just for grins, I went ahead and ran the test at 48000
and came up with these results:

Input Output

Sample rate, Hz 48000.63 47997.71

Difference ppm 13 -47

Hope that helps. . .

Howard W6IDS
Richmond, IN

From: esunetdude@...
Sent: Monday, October 28, 2013 9:44 PM
To: V4Protocol@yahoogroups.com
Subject: RE: Re: [V4Protocol] RE: Sound Card Sample rate checker
Hi Rick,
I re-ran the CheckSR app against both the IC-7600 and SignaLink at 12000 HZ setting, allowing each to run for 2 minutes. The 7600 produces +30 In, +30 Out. The SignaLink produces +241 In and +120 Out. I hope that adds some useful info to solution.

Doug, N3JXB

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Doug,

To get the numbers to be stable you have to let the CheckSR run a long time (a minute or more). Remember it is averaging results taken over many trials.

Also remember it is not just YOUR sample rates but he combination of the playback and sample rates of the two stations. If your station is < 200 ppm capture rate error but the remote station has 5000 ppm playback error you will get the cyclic decoding issues observed. I am working on some code that will minimize this. But IMHO trying to play around with any sound card mode with a sound card with > 1000 ppm error is like threading a needle wearing boxing gloves! There are good $10 solutions out there if one looks and tests with the CheckSR.exe program.

73,

Rick KN6KB

<SNIP> <SNIP>

3596. Re: [V4Protocol] RE: Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-29 16:35:38 UTC
From: Rick Muething
Topic: 3566 Message: 3596

Howard,

Those are very good numbers and would not require any compensation in virtually any application. The problems observed were mainly from those using sound cards with sample rate errors of 10000 ppm ...about 1% . With that much error correction is difficult or impossible.

I am working on a scheme (now testing) that would accommodate up to about +/- 4000 ppm which is way over what any decent sound card should have.

Thanks for the feedback....I suspected the microHam to be good.

Rick KN6KB

From: W6IDS
Sent: Tuesday, October 29, 2013 1:13 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] RE: Sound Card Sample rate checker

Hey Rick. . .

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Hope that helps. . .

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Sent: Monday, October 28, 2013 9:44 PM
To: V4Protocol@yahoogroups.com
Subject: RE: Re: [V4Protocol] RE: Sound Card Sample rate checker

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<SNIP> <SNIP>

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3597. Re: [V4Protocol] RE: Sound Card Sample rate checker

Yahoo group: V4Protocol
Date: 2013-10-29 16:37:53 UTC
From: Rick Muething
Topic: 3566 Message: 3597

Doug,

Both those are good numbers and easily correctable with DSP compensation. The main problem appears to be from those using sound cards with sample rate errors in the 10,000 ppm range...1%. This is beyond what is really practical to do in most DSP correction schemes. I am working on a new mechanism that will compensate up to about +/- 4000 ppm which should cover most every case.

Thanks for the feedback

Rick KN6KB

From: esunetdude@hotmail.com
Sent: Monday, October 28, 2013 9:44 PM
To: V4Protocol@yahoogroups.com
Subject: RE: Re: [V4Protocol] RE: Sound Card Sample rate checker

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To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: Sound Card Sample rate checker

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Checked by AVG - www.avg.com
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Internal Virus Database is out of date.

3598. va7dgp SL sampling

Yahoo group: V4Protocol
Date: 2013-10-29 17:11:43 UTC
From: Don Poaps
Topic: 3598 Message: 3598

Sample Rate HZ: 11025

Input: 11025.30

Difference PPM 27

Output 11100.28

Difference PPM 6827

Sample Rate HZ: 44100

Input: 44098.33

Difference PPM -37

Output 44098.51

Difference PPM -33

This is from the Stores Signalink and FT 920.

73

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3599. 28230 MHz Beaconing CQ

Yahoo group: V4Protocol
Date: 2013-10-29 17:16:16 UTC
From: Don Poaps
Topic: 3599 Message: 3599

28230 MHz Beaconing CQ

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3600. RE: 28230 MHz Beaconing CQ

Yahoo group: V4Protocol
Date: 2013-10-29 18:37:19 UTC
From: <w4wnt@...>
Topic: 3599 Message: 3600

Calling CQ on 28230 at 1830Z 10-29-13. Anyone around?

Bill, W4WNT in FM03, NC

---In v4protocol@yahoogroups.com, <va7dgp@...> wrote:

28230 MHz Beaconing CQ

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3601. RE: 28230 Print

Yahoo group: V4Protocol
Date: 2013-10-29 18:41:36 UTC
From: <w4wnt@...>
Topic: 3566 Message: 3601

I have an old Dell Dimension 4500 desktop that I use for digital radio using a Signalink USB interface. I tested the sample rates at 12000 and initially the in and out numbers were all over the place settling around 150-200 In and -250 to -300ppm Out. These numbers were without any digital program running, just the Signalink on.

I switched screens to Firefox to look something up and when I went back to the checker, the numbers were in the thousands. After a while they settled down to lower numbers.

I was also running a VOIP phone program, when I shut it off and let the checker run for a few minutes, the numbers went to In -20 to +60, Out -40 to +80.

I let the checker run for an hour and they settled to In -10 and Out -24.

Looks like for older computers, multiple running programs will affect the results.

Bill, W4WNT

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Thanks for the feedback

Rick KN6KB

From: esunetdude@... mailto:esunetdude@...
Sent: Monday, October 28, 2013 9:44 PM
To: V4Protocol@yahoogroups.com mailto:V4Protocol@yahoogroups.com
Subject: RE: Re: [V4Protocol] RE: Sound Card Sample rate checker

Hi Rick,

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Rick KN6KB

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Sent: Sunday, October 27, 2013 2:50 PM
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Subject: [V4Protocol] RE: Sound Card Sample rate checker

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Internal Virus Database is out of date.

3602. Re: 28230 MHz Beaconing CQ

Yahoo group: V4Protocol
Date: 2013-10-29 20:14:30 UTC
From: Don Poaps
Topic: 3599 Message: 3602

I've been busy working in the back, as well lunch. Did sort of see your
call sign on the screen.

Don va7dgp

On Tuesday, October 29, 2013, wrote:

> **
>
>
> Calling CQ on 28230 at 1830Z 10-29-13. Anyone around?
>
>
> Bill, W4WNT in FM03, NC
>
>
> ---In v4protocol@yahoogroups.com <javascript:_e({}, 'cvml',
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--
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VA7DGP
Satern Member
Vector Member
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Metrotown Salvation Army Community Church Member

3603. Re: [V4Protocol] RE: 28230 Print

Yahoo group: V4Protocol
Date: 2013-10-29 21:29:31 UTC
From: Rick Muething
Topic: 3566 Message: 3603

Bill,

It is important to remember that the CheckSR is a measurement program and by nature is not super precise. ...Consider this: 100 ppm is an error of .01% pretty small. To make that precise of measurement using the computers Time of Day clock requires two things:
1) That the time of day clock itself is precise ...most computer clocks aren't better than about 100 ppm or so (about 10 seconds per day). So your actual measured value using the TOD clock can never be better than the reference.
2) That the interval needs be fairly long (or the number of repeated measurements to average large) to get any kind of accuracy. That is why the CheckSR values jump around a lot until it gets many numbers of samples to average. It takes at least about 60 seconds of operation to get fairly stable values. If you let it run long the number will converge on the actual measurement value BUT it can never be more accurate than the reference time base which is the computers time of day clock.

Running multiple programs at the same time has some affect on the ability to accurately capture timing details due to OS latency issues. The multiple programs aren't really changing the sample rate...they are just slightly changing the measurement (by the CheckSR and computer time of day clock).

In any event if your sound card measures less than 1000 ppm error it will certainly work with the DSP and Compensation code in the H4 TNC. I am working (still needs some testing) on a sound card compensation technique (does not require any "calibration" to accommodate +/- 4000 ppm error...If it is worse than that you need a new sound card!

73,

Rick KN6KB

From: w4wnt@...
Sent: Tuesday, October 29, 2013 2:41 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: 28230 Print

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/1 - Release Date: 10/07/13
Internal Virus Database is out of date.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/1 - Release Date: 10/07/13
Internal Virus Database is out of date.

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/1 - Release Date: 10/07/13
Internal Virus Database is out of date.

3604. Re: [V4Protocol] va7dgp SL sampling

Yahoo group: V4Protocol
Date: 2013-10-29 21:38:37 UTC
From: Rick Muething
Topic: 3598 Message: 3604

Don,

These show what are unfortunately common errors with certain sound card chips. Note the big error (6827 ppm) in output at 11025 Sample Rate ....this is not that uncommon and a function of the chip set used to make the sound card. It is the reason that all the programs I write do not use these “non cardinal” values (8000, 11025, 44100) . Usually 96000, 48000, 12000 are more accurate on virtually all chip sets used.

I think if you repeat the measurement with a sample rate of 12000 you will find that the SignaLink USB is fairly close on both Input and Output (Probably < 300 ppm). It any case that is plenty good for the H4 DSP code.

73,

Rick KN6KB

From: Don Poaps
Sent: Tuesday, October 29, 2013 1:11 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] va7dgp SL sampling

Sample Rate HZ: 11025

Input: 11025.30

Difference PPM 27

Output 11100.28

Difference PPM 6827

Sample Rate HZ: 44100

Input: 44098.33

Difference PPM -37

Output 44098.51

Difference PPM -33

This is from the Stores Signalink and FT 920.

73

--
Don Poaps
New Westminster, BC
VA7DGP

Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/1 - Release Date: 10/07/13
Internal Virus Database is out of date.

3605. Re: [V4Protocol] RE: 28230 MHz Beaconing CQ

Yahoo group: V4Protocol
Date: 2013-10-30 00:09:24 UTC
From: W6IDS
Topic: 3599 Message: 3605

I went up there around 2345Z just to test out the program for myself.

I found 28120.000 alive and busting out with PSK31 – it seems the band was open. As I was tuning from 28050 up and through 28230, I lost count of all the AM activity that was alive and kicking as well. It was a virtual DX band opening for the CB crowd. Strong signals (amps not withstanding obviously) and plenty, plenty stations abound.

In so far as our Chat activity is concerned, for planning purposes, I'd say that we've truly lost control of the 10m band and it's not clear to me what our own activity may be like insofar as coexistence with CBers is concerned. They're operating in our midst with no fear.

BTW, there's a W7PFI 10 meter beacon really close to 28230.000 which could be an issue. The station has a legitimate purpose there.

Howard W6IDS
Richmond, IN

From: w4wnt@...
Sent: Tuesday, October 29, 2013 2:37 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: 28230 MHz Beaconing CQ

Calling CQ on 28230 at 1830Z 10-29-13. Anyone around?

Bill, W4WNT in FM03, NC

---In v4protocol@yahoogroups.com, <va7dgp@...> wrote:

28230 MHz Beaconing CQ

--
Don Poaps
New Westminster, BC
VA7DGP

3606. Re: va7dgp SL sampling

Yahoo group: V4Protocol
Date: 2013-10-30 15:27:01 UTC
From: Don Poaps
Topic: 3598 Message: 3606

This is from this morning run on checksr from shop.

Sample Rate HZ: 12000

Input 12000.07

Difference PPM 6

Output 12077.65

Difference PPM 6471

On Tue, Oct 29, 2013 at 10:11 AM, Don Poaps <va7dgp@...> wrote:
> Sample Rate HZ: 11025
>
>
> Input: 11025.30
>
> Difference PPM 27
>
>
> Output 11100.28
>
> Difference PPM 6827
>
>
> Sample Rate HZ: 44100
>
> Input: 44098.33
>
> Difference PPM -37
>
> Output 44098.51
>
> Difference PPM -33
>
> This is from the Stores Signalink and FT 920.
>
> 73
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member

> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3607. Beaconing 28230

Yahoo group: V4Protocol
Date: 2013-10-30 16:22:04 UTC
From: Don Poaps
Topic: 3607 Message: 3607

Beaconing 28230

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3608. Re: [V4Protocol] Beaconing 28230

Yahoo group: V4Protocol
Date: 2013-10-30 18:32:49 UTC
From: C. R. "Dick" Lamberson
Topic: 3607 Message: 3608

Me too - W4WEB - I've only heard F1MWV here in Florida - tried to call him but no joy...

----- Original Message -----
From: Don Poaps
To: V4Protocol@yahoogroups.com
Sent: Wednesday, October 30, 2013 12:22 PM
Subject: [V4Protocol] Beaconing 28230

Beaconing 28230

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3609. Re: [V4Protocol] Beaconing 28230

Yahoo group: V4Protocol
Date: 2013-10-30 19:03:37 UTC
From: Don Poaps
Topic: 3607 Message: 3609

Killing time at the radio store. I may not answer if Phone or Customer drops in or right now LUNCH

73

Don

On Wed, Oct 30, 2013 at 11:32 AM, C. R. "Dick" Lamberson <w4web@...>wrote:

> **
>
>
> **
> Me too - W4WEB - I've only heard F1MWV here in Florida - tried to call him
> but no joy...
>
>
>
> ----- Original Message -----
> *From:* Don Poaps <va7dgp@...>
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Wednesday, October 30, 2013 12:22 PM
> *Subject:* [V4Protocol] Beaconing 28230
>
>
>
> Beaconing 28230
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>
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>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member

Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3610. Re: Beaconing 28230

Yahoo group: V4Protocol
Date: 2013-10-31 16:06:59 UTC
From: ldmax12
Topic: 3607 Message: 3610

I have not heard any beacons yet. Have CW stations at 28.230.5 and 28.229.5

73,
Lew, KB5HPT

--- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@...> wrote:
>
> Killing time at the radio store. I may not answer if Phone or Customer
> drops in or right now LUNCH
>
> 73
>
> Don
>
> On Wed, Oct 30, 2013 at 11:32 AM, C. R. "Dick" Lamberson <w4web@...>wrote:
>
> > **
> > >
> > >
> > **
> > Me too - W4WEB - I've only heard F1MWV here in Florida - tried to call him
> > but no joy...
> > >
> > >
> > >
> > ----- Original Message -----
> > *From:* Don Poaps <va7dgp@...>
> > *To:* V4Protocol@yahoogroups.com
> > *Sent:* Wednesday, October 30, 2013 12:22 PM
> > *Subject:* [V4Protocol] Beaconing 28230
> > >
> > >
> > >
> > Beaconing 28230
> > >
> > --
> > Don Poaps
> > New Westminster, BC
> > VA7DGP
> > Satern Member
> > Vector Member
> > Surrey Amateur Radio
> > Metrotown Salvation Army Community Church Member
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> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>

3611. Re: [V4Protocol] Re: Beaconing 28230

Yahoo group: V4Protocol
Date: 2013-10-31 16:23:43 UTC
From: Don Poaps
Topic: 3607 Message: 3611

I don't have V4chat running this morning. I did notice CW up the band a little. A K4 station and another station which wasn't being decoded.

I will pop over after I finish this email.

73

Don va7dgp

On Thu, Oct 31, 2013 at 9:06 AM, ldmax12 <maxwellld@...> wrote:

> **
>
>
> I have not heard any beacons yet. Have CW stations at 28.230.5 and 28.229.5
>
> 73,
> Lew, KB5HPT
>
>
> --- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@...> wrote:
> >
> > Killing time at the radio store. I may not answer if Phone or Customer
> > drops in or right now LUNCH
> >
> > 73
> >
> > Don
> >
> > On Wed, Oct 30, 2013 at 11:32 AM, C. R. "Dick" Lamberson <w4web@
> ...>wrote:
> >
> > > **
> > >
> > >
> > > **
>
> > > Me too - W4WEB - I've only heard F1MWV here in Florida - tried to call
> him
> > > but no joy...
> > >
> > >
> > >
> > > ----- Original Message -----
> > > *From:* Don Poaps <va7dgp@...>
> > > *To:* V4Protocol@yahoogroups.com

> > > *Sent:* Wednesday, October 30, 2013 12:22 PM
> > > *Subject:* [V4Protocol] Beaconing 28230
>
> > >
> > >
> > >
> > > Beaconing 28230
> > >
> > > --
> > > Don Poaps
> > > New Westminster, BC
> > > VA7DGP
> > > Satern Member
> > > Vector Member
> > > Surrey Amateur Radio
> > > Metrotown Salvation Army Community Church Member
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> > --
> > Don Poaps
> > New Westminster, BC
> > VA7DGP
> > Satern Member
> > Vector Member
> > Surrey Amateur Radio
> > Metrotown Salvation Army Community Church Member
> >
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Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3612. Re: [V4Protocol] Re: Beaconing 28230

Yahoo group: V4Protocol
Date: 2013-10-31 16:40:11 UTC
From: Don Poaps
Topic: 3607 Message: 3612

Someone beaconing but they are not being deocded..

?J&?i?p?Pp?/?□?.S?)cFd?W?z???uڪe?Ѡ?jF???F9???f???]????

Don va7dgp

On Thu, Oct 31, 2013 at 9:23 AM, Don Poaps <va7dgp@...> wrote:

> I don't have V4chat running this morning. I did notice CW up the band a
> little. A K4 station and another station which wasn't being decoded.
>
> I will pop over after I finish this email.
>
> 73
>
> Don va7dgp
>
> On Thu, Oct 31, 2013 at 9:06 AM, ldmax12 <maxwellld@...> wrote:
>
>> **
>>
>>
>> I have not heard any beacons yet. Have CW stations at 28.230.5 and
>> 28.229.5
>>
>> 73,
>> Lew, KB5HPT
>>
>>
>> --- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@...> wrote:
>> >
>> > Killing time at the radio store. I may not answer if Phone or Customer
>> > drops in or right now LUNCH
>> >
>> > 73
>> >
>> > Don
>> >
>> > On Wed, Oct 30, 2013 at 11:32 AM, C. R. "Dick" Lamberson <w4web@
>> ...>wrote:
>> >
>> > > **
>> > >
>> > >
>> > > **
>>

>> > > Me too - W4WEB - I've only heard F1MWV here in Florida - tried to
>> call him
>> > > but no joy...
>> > >
>> > >
>> > >
>> > > ----- Original Message -----
>> > > *From:* Don Poaps <va7dgp@...>
>> > > *To:* V4Protocol@yahoogroups.com
>> > > *Sent:* Wednesday, October 30, 2013 12:22 PM
>> > > *Subject:* [V4Protocol] Beaconing 28230
>>
>> > >
>> > >
>> > >
>> > > Beaconing 28230
>> > >
>> > > --
>> > > Don Poaps
>> > > New Westminster, BC
>> > > VA7DGP
>> > > Satern Member
>> > > Vector Member
>> > > Surrey Amateur Radio
>> > > Metrotown Salvation Army Community Church Member
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>> > --
>> > Don Poaps
>> > New Westminster, BC
>> > VA7DGP
>> > Satern Member
>> > Vector Member
>> > Surrey Amateur Radio
>> > Metrotown Salvation Army Community Church Member
>> >
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> --
> Don Poaps
> New Westminster, BC
> VA7DGP

> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
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>

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Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3613. Re: [V4Protocol] Re: Beaconing 28230

Yahoo group: V4Protocol
Date: 2013-10-31 16:58:13 UTC
From: Don Poaps
Topic: 3607 Message: 3613

off my screen just now

va7dgp va7dgp va7dgp de kb5hpt kb5hpt kb5hpt pse k
kb5hpt de va7dgp I copy your signal 599

kb5hpt de va7dgpOperating at Burnaby Radio Communication. The radio is
FT 920 running up to the roof is MFJ All Band Vertical
Antenna.

Killing time and playing

Don VA7DGP
va7dgp va7dgp va7dgp de kb5hpt kb5hpt kb5hpt pse k
de kb5hpt copy your signal 599 also * * * * QTH - El Paso, TX - El Paso, TX
- El Paso, TX herf is Lew - Name here is Lew - KE??U}va7dgp PFYE?Qpt
operating an ft 450 with signalink U??.

pse k
'???$
?"?f?kb5hpt de va7dgp

Sorry the phone rang. I had to look after the customer
I may not come back right away because of being occupied..

73

Don va7dgp

On Thu, Oct 31, 2013 at 9:40 AM, Don Poaps <va7dgp@...> wrote:

> Someone beaconing but they are not being deocded..
>
> ?J&?i?p?Pp?/? ?.S?)cFd?W?z???uکe?ѽ?jF???F9???f???]????
>
> Don va7dgp
>
> On Thu, Oct 31, 2013 at 9:23 AM, Don Poaps <va7dgp@...> wrote:
>
>> I don't have V4chat running this morning. I did notice CW up the band a
>> little. A K4 station and another station which wasn't being decoded.
>>
>> I will pop over after I finish this email.
>>
>> 73
>>
>> Don va7dgp
>>

>> On Thu, Oct 31, 2013 at 9:06 AM, ldmax12 <maxwellld@...>wrote:
>>
>>> **
>>>
>>>
>>> I have not heard any beacons yet. Have CW stations at 28.230.5 and
>>> 28.229.5
>>>
>>> 73,
>>> Lew, KB5HPT
>>>
>>>
>>> --- In V4Protocol@yahoogroups.com, Don Poaps <va7dgp@...> wrote:
>>> >
>>> > Killing time at the radio store. I may not answer if Phone or Customer
>>> > drops in or right now LUNCH
>>> >
>>> > 73
>>> >
>>> > Don
>>> >
>>> > On Wed, Oct 30, 2013 at 11:32 AM, C. R. "Dick" Lamberson <w4web@
>>> ...>wrote:
>>> >
>>> > > **
>>> > >
>>> > >
>>> > > **
>>>
>>> > > Me too - W4WEB - I've only heard F1MWV here in Florida - tried to
>>> call him
>>> > > but no joy...
>>> > >
>>> > >
>>> > >
>>> > > ----- Original Message -----
>>> > > *From:* Don Poaps <va7dgp@...>
>>> > > *To:* V4Protocol@yahoogroups.com
>>> > > *Sent:* Wednesday, October 30, 2013 12:22 PM
>>> > > *Subject:* [V4Protocol] Beaconing 28230
>>>
>>> > >
>>> > >
>>> > >
>>> > > Beaconing 28230
>>> > >
>>> > > --
>>> > > Don Poaps
>>> > > New Westminster, BC

>>> > > VA7DGP
>>> > > Satern Member
>>> > > Vector Member
>>> > > Surrey Amateur Radio
>>> > > Metrotown Salvation Army Community Church Member
>>> > >
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>>> > --
>>> > Don Poaps
>>> > New Westminster, BC
>>> > VA7DGP
>>> > Satern Member
>>> > Vector Member
>>> > Surrey Amateur Radio
>>> > Metrotown Salvation Army Community Church Member
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>> --
>> Don Poaps
>> New Westminster, BC
>> VA7DGP
>> Satern Member
>> Vector Member
>> Surrey Amateur Radio
>> Metrotown Salvation Army Community Church Member
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> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>

>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3614. Re: [V4Protocol] Re: Beaconing 28230

Yahoo group: V4Protocol
Date: 2013-10-31 17:05:12 UTC
From: David Michael Gaytko // WD4KPD
Topic: 3607 Message: 3614

```
this transmission also copied in grid FM15mm. ft920/g5rv

david
```

On 10/31/2013 4:58 PM, Don Poaps wrote:
>
>
> off my screen just now
> va7dgp va7dgp va7dgp de kb5hpt kb5hpt kb5hpt pse k□
> kb5hpt de va7dgp I copy your signal 599
> □
> kb5hpt de va7dgpOperating at Burnaby Radio Communication. The radio is
> FT 920 running up to the roof is MFJ All Band Vertical
> Antenna.
>
> Killing time and playing
>
> Don VA7DGP□
> va7dgp va7dgp va7dgp de kb5hpt kb5hpt kb5hpt pse k
> de kb5hpt copy your signal 599 also * * * * QTH - El Paso, TX - El Paso,
> TX - El Paso, TX herf is Lew - Name here is Lew - K□E??U}va7dgp PFYE?Qpt
> operating an ft 450 with signalink U??.
>
> pse k□
> '???$□
> ?"?f?kb5hpt de va7dgp
>
> Sorry the phone rang. I had to look after the customer
> I may not come back right away because of being occupied..
>
> 73
>
> Don va7dgp□
>
>
> On Thu, Oct 31, 2013 at 9:40 AM, Don Poaps <va7dgp@...
> <mailto:va7dgp@...>> wrote:
>
> Someone beaconing but they are not being deocded..
> ?J&?i?p?Pp?/? ?.S?)cFd?W?z???uکe?Ѿ?jF???F9???f???]????
> Don va7dgp
>
> On Thu, Oct 31, 2013 at 9:23 AM, Don Poaps <va7dgp@...
> <mailto:va7dgp@...>> wrote:

>
> I don't have V4chat running this morning. I did notice CW up the
> band a little. A K4 station and another station which wasn't
> being decoded.
> I will pop over after I finish this email.
> 73
> Don va7dgp
>
> On Thu, Oct 31, 2013 at 9:06 AM, ldmax12
> <maxwellld@... <mailto:maxwellld@...>> wrote:
>
> __
>
> I have not heard any beacons yet. Have CW stations at
> 28.230.5 and 28.229.5
>
> 73,
> Lew, KB5HPT
>
>
>
> --- In V4Protocol@yahoogroups.com
> <mailto:V4Protocol@yahoogroups.com>, Don Poaps <va7dgp@...>
> wrote:
> >
> > Killing time at the radio store. I may not answer if
> Phone or Customer
> > drops in or right now LUNCH
> >
> > 73
> >
> > Don
> >
> > On Wed, Oct 30, 2013 at 11:32 AM, C. R. "Dick" Lamberson
> <w4web@...>wrote:
> >
> > > **
> > >
> > >
> > > **
>
> > > Me too - W4WEB - I've only heard F1MWV here in Florida
> - tried to call him
> > > but no joy...
> > >
> > >
> > >
> > > ----- Original Message -----
> > > *From:* Don Poaps <va7dgp@...>

> > > *To:* V4Protocol@yahoogroups.com
> <mailto:V4Protocol@yahoogroups.com>
> > > *Sent:* Wednesday, October 30, 2013 12:22 PM
> > > *Subject:* [V4Protocol] Beaconing 28230
>
> > >
> > >
> > >
> > > Beaconing 28230
> > >
> > > --
> > > Don Poaps
> > > New Westminster, BC
> > > VA7DGP
> > > Satern Member
> > > Vector Member
> > > Surrey Amateur Radio
> > > Metrotown Salvation Army Community Church Member
> > >
> > >
> > >
> >
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> >
> > --
> > Don Poaps
> > New Westminster, BC
> > VA7DGP
> > Satern Member
> > Vector Member
> > Surrey Amateur Radio
> > Metrotown Salvation Army Community Church Member
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> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
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> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
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> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>
>
>

--
-- But when a long train of abuses and usurpations, pursuing invariably
the same Object evinces a design to reduce them under absolute
Despotism, it is their right, it is their duty, to throw off such
Government, and to provide new Guards for their future security. --

3615. Re: [V4Protocol] Re: Beaconing 28230

Yahoo group: V4Protocol
Date: 2013-10-31 17:08:07 UTC
From: Harry Gilling
Topic: 3607 Message: 3615

F1MWV very strong on 28230

3616. ft-920 cat settings

Yahoo group: V4Protocol
Date: 2013-10-31 23:34:47 UTC
From: David Michael Gaytko // WD4KPD
Topic: 3616 Message: 3616

trying everything i can to get chat to communicate via cat with my ft-920.

all other multimode programs do communicate, sometimes using dxlab/commander, fine with the rig.

one parameter i know will mess the comms is the number of stop bits. i can not find in the chat.ini where the stop bit is mentioned.

anyone using the chat/ft920 combo, please let me know about you experience.

i believe that awhile back this stop bit did happen in one of my programs, but don't remember which one. just had to go into the .ini file and change it. then all ok.

david/wd4kpd

--
-- But when a long train of abuses and usurpations, pursuing invariably the same Object evinces a design to reduce them under absolute Despotism, it is their right, it is their duty, to throw off such Government, and to provide new Guards for their future security. --

3617. Re: [V4Protocol] ft-920 cat settings

Yahoo group: V4Protocol
Date: 2013-11-01 00:50:10 UTC
From: Don Poaps
Topic: 3616 Message: 3617

I'm at home. I don't remember the set up but I have 8n2 4800. Not sure if I have RTS/CTS checked but I have a feeling it has to checked. I use USB not USB Digital for the FT 920 at the shop. I can get info in the AM,

Don va7dgp

On Thu, Oct 31, 2013 at 4:34 PM, David Michael Gaytko // WD4KPD <wd4kpd@...> wrote:

> **
>
>
> trying everything i can to get chat to communicate via cat with my ft-920.
>
> all other multimode programs do communicate, sometimes using
> dxlab/commander, fine with the rig.
>
> one parameter i know will mess the comms is the number of stop bits. i
> can not find in the chat.ini where the stop bit is mentioned.
>
> anyone using the chat/ft920 combo, please let me know about you experience.
>
> i believe that awhile back this stop bit did happen in one of my
> programs, but don't remember which one. just had to go into the .ini
> file and change it. then all ok.
>
> david/wd4kpd
>
> --
> -- But when a long train of abuses and usurpations, pursuing invariably
> the same Object evinces a design to reduce them under absolute
> Despotism, it is their right, it is their duty, to throw off such
> Government, and to provide new Guards for their future security. --
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3618. AW: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-11-01 03:32:46 UTC
From: siegfried jackstien
Topic: 3470 Message: 3618

Hello rick ... that would be nice if you find a solution (pause polling while transmit) ... it is just a slight background noise (a few milliwatts I guess) ... a few watts if I accidently forget to switch off compressor in the rig ... but with pause the polling there should be silence ... right?!?

Dg9bfc

Sigi

Ps maybe I should try usb isolator for cat?!?

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Donnerstag, 24. Oktober 2013 10:04
> An: V4Protocol@yahoogroups.com
> Betreff: RE: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP
> and Autoupdate server
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> Siegfried,
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> Well you have to remember that now there are several (I think 5 or 6 at my
> last count) of Radios that use the same USB port for both Sound card
> (internal USB sound card) and radio control You have to continually read
> the sound card data from the USB port it is the best way to get the audio
> for DSP. These radios (I have specific experience and tested at least 3
> models) have excellent USB sound cards (sampling rate error typically <
> 200 ppm, few artifacts, good RF isolation.) Since the USB sound card can
> be added to the radio during design for a few $ per radio these will
> become more prolific now primarily all the new HF radios from Kenwood and
> Icom).
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> During transmit the only command to the radio is PTT on and PTT off (for
> those installations using CAT PTT control). I□ll check and make sure that
> is what is happening if it is not it is easy to fix. During receive it is
> necessary to continuously poll to pick up dial changes made by the user.
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>
> 73,
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>
> Rick KN6KB
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> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of siegfried jackstien
> Sent: Wednesday, October 23, 2013 12:30 PM
> To: V4Protocol@yahoogroups.com
> Subject: AW: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP
> and Autoupdate server
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> Hello rick
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> What I have here is:
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> During transmit the soft should NOT do anything via usb port (polling
> frequency or something like that)
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> The polling (here on my setup) gives some slight audio background noise
> (that adds to the transmitted signal!!!!!)
>
> So ... the poll should be "paused" during a transmit session ...
>
> Only at start or end of a transmit session the port can be polled once (if
> needed for setting ptt via cat for any radio that has cat ptt instead of
> hard wired ptt)
>
> That should give clean transmit audio
>
> Your soft polls every few seconds (iirr 3 seconds?!?)
>
> Can that be "paused" during transmitting?!?
>
> ....
>
> Greetz
>
> Sigi
>
> Dg9bfc

>
> > -----Ursprüngliche Nachricht-----
> > Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> > Auftrag von Rick Muething
> > Gesendet: Mittwoch, 23. Oktober 2013 15:48
> > An: V4Protocol@yahoogroups.com
> > Betreff: RE: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink
> FTP
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> > predict what some of these DSP based ☐filters☐ will do to the signal but
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> > dial. Basically the radio gives a beep every time it receives a command
> > (usually the default setting of the radio) but you can usually turn it
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> > in a menu of the radio. It is similar radio control code to RMS Express
> > but there are some differences (e.g. RMS Express doesn☐t read back the
> > radio dial or support ☐click-to-tune☐ like Chat does).
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> > > Receive latency which is critical on ARQ modes. Any delay or
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> > From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> > Behalf Of Bastress, David G
> > Sent: Wednesday, October 23, 2013 8:43 AM
> > To: V4Protocol@yahoogroups.com
> > Subject: Re: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink
> FTP
> > and Autoupdate server
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> > used common coding between them for rig control. Why reinvent the wheel,
> > right?
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> > In any case, I don't mind the double beep I would just like to not have
> to
> > turn the NB back on and turn the AT off everytime I use one of those
> > program. Getting old and sometimes forget. :-)
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> > FLDIGI which uses Hamlab for control does not mess with either function

> > and opens up quietly.
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> > Just something to think about. :-)
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> > Dave K3GAU
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> > On Wed, Oct 23, 2013 at 8:17 AM, Rick Muething <rmuething@....com>
> > wrote:
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> > Thanks Dave,
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> > I□ll look into that. So far I haven□t touched any rig control code that
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> 7000.
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> > Rick
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> > GM Rick,
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> > I notice two things happen everytime I open up CHAT. The noise blanker
> > always gets turned OFF and the rig's antenna tuner gets turned ON!! I

> > really don't want either of those things to happen. Otherwise, the rig
> > control works well. I am using a TS-2000.
> >
> > Hope your trip goes well.
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> > Dave K3GAU
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> > On Oct 22, 2013 7:13 PM, "Rick Muething" <rmuething@...> wrote:
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> > All,
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> > This should be my last update before leaving for about 10 days. The
> > decoding on this version is the same as 0.1.5.0 but a number of cleanup
> > items are done including functional fixes to things like Outbound buffer
> > queue, Auto ID, logging, display of text sent etc. I also made passes
> > through the help files and fixed many of the contradictory statements
> > (left over from the old V4 Help file).
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> > Chat Revision History
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> > Date: Rev Change Summary
> >
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> >
> > oct 22, 2013 0.1.6.0 Release of 0.1.5.1
> >
> >
> >
> > Oct 21, 2013 0.1.5.1 Eliminate separate Full and Half duplex FEC
> > modes...basically always full duplex if radio will permit, otherwise
> half
> > duplex.
> >
> > Change Text display for
> > improved readability: Inbound FEC text black (was green), Info text Navy
> > ItalicText (was black)
> >
> > Text as sent (green)
> > others unchanged.
> >
> > Increased brightness of
> > rich text box backgrounds (light beige and light blue) for increased
> > contrast.
> >
> > Fix AutoID function
> > (controlled by Host)
> >
> > Add code to display text
> > as sent (Green) on the session rich text box and received text (black).
> >
> > Implement the Outbound
> > queue and buffer reporting.
> >
> > Make mods to
> > Main.UpdateSessionDisplay to buffer FEC received text for logging (makes
> > Chat.log more readable)
> >
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> >
> > Oct 21, 2013 0.1.5.0 Release of 0.1.4.1
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> > H4FSK TNC Revision History
> >
> > Date: Rev Change Summary
> >
> >
> >
> > Oct 22, 2013 0.1.6.0 Release of 0.1.5.1
> >
> >
> >
> > Oct 21, 2013 0.1.5.1 Remove decoder test ....was
> > confusing and only used to verify initial character coding table.
> >
> > Modify
> > H4Mod.GenerateLeader to taper on leading and trailing 24 samples (2ms)
> to
> > reduce "clicks"
> >
> > Add
> > Globals.AddToOutboundPending and ClearOBQueue to handle Queue data if
> > already playing
> >
> > Add OB
> > Queue: label on main form and mechanism to update status to Host.
> >
> > Fix AutoID
> > function (normally selected by host).
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> > Send
> > ENCODING command to Chat whenever Encoding character set is
> > changed.(allows proper display and logging)
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3619. Re: AW: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-11-01 15:47:14 UTC
From: Rick Muething
Topic: 3470 Message: 3619

Sigi,

Polling the radio for frequency will be off during transmit on the next rev. You should not use compression on virtually any digital mode...it distorts the waveform (not too bad for voice but no good for digital).

Rick KN6KB

From: siegfried jackstien
Sent: Thursday, October 31, 2013 11:32 PM
To: V4Protocol@yahoogroups.com
Subject: AW: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

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Ps maybe I should try usb isolator for cat?!?

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> > To: V4Protocol@yahoogroups.com
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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6794 - Release Date: 10/30/13

3620. RE: Re: [V4Protocol] Need evaluators for next update! (0.6.2.0)

Yahoo group: V4Protocol
Date: 2013-11-02 00:43:51 UTC
From: <wd4kpd@...>
Topic: 2111 Message: 3620

how are you getting your ft920 to talk to chat....absolute failure here.
David/wd4kpd

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Thanks Fred,

Good that means your set function for the 920 is working and I'll put in the code for the read back (so the waterfall updates when you rotate the transceiver dial) for the 920. That code will probably work for some of the other models as well (but not all!)

Rick

From: Fred G -w1wyc mailto:f_garside@...
Sent: Friday, September 23, 2011 2:02 PM
To: V4Protocol@yahoogroups.com mailto:V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Need evaluators for next update! (0.6.2.0)

☐ Hi Rick,

I use the FT-920 and I CAN click on the waterfall and change the receiver frequency. I'm not at the rig right now
but I believe that if I click on one of the green waterfall lines it changes the receiver frequency and the frequency under
the waterfall by 200 hz. Appears to work fine. I can't change the frequency under the waterfall by tuning the receiver.
Clicking on the mini log works also and has worked since the first version of V4 I had.

Hope this helps,
Fred, W1WYC

----- Original Message -----
From: Rick Muething mailto:rmuething@...
To: V4Protocol@yahoogroups.com mailto:V4Protocol@yahoogroups.com
Sent: Friday, September 23, 2011 1:29 PM
Subject: [V4Protocol] Need evaluators for next update! (0.6.2.0)

All I am working on the last major fixes/enhancements for the next rev. I need a couple of evaluators (not many) for two important areas that I can't very well test here myself:
1) I need some that have had problems with Autoupdate. Two problems have been reported and I have made changes and added logging to fix and track these down. a) License problem with IPWorks and b) Problems believed to be related to firewall or router blocking. If you fall into one of these categories and can spare a few minutes please let me know.

2) Those with some of the more popular Yaesu models. I am still working on the Yaesu control and read back and I will probably have to make several iterations. Let me know which model(s) you have and I will get the manual (we subscribe to a download source) and try and put in the appropriate driver. If you can already set the frequency in V4 (via the

mini log or waterfall click) that is a good start since half the code is there and working already.

I will send you the new evaluation code (full install) and/or post it on the Yahoo FTP. At this stage I do not want to post any untested code into the auto update server. All the changes in process are compatible with the current 0.6.1.0 rev.

73,
Rick KN6KB

3621. Re: Re: [V4Protocol] Need evaluators for next update! (0.6.2.0)

Yahoo group: V4Protocol
Date: 2013-11-02 03:16:10 UTC
From: Don Poaps
Topic: 2111 Message: 3621

Do you run other programs like PC-ALE, FLDIGI. Programs may look like they are shut down but still control. I also remove the USB serial converter as the program may loose the comport. I also scan Harddrive for chance. That's after I pull USB out. Make sure it put back into same plug. It could also be that your USB plug is dead and you may need to find another port that works.

I would also remove the program and put it in another folder other than program files. C:\chat. See if your USB/serial is picked up by the PC and program. If it works with rms it should work H4chat. If H4chat won't control see if HRD will run VFO if it does then use it to control the VFO.

At this point I'm grabbing at straws. I know I've had issue with my serial PIEXX VFO controller. It's when I'm chatting on simplex on the Dual Band. My PIEXX controller heads to the toilet and I have to play with the software settings to get it to work. I do have more snap on ferrite on every cable but I still get issues.

Later

Don

I'm at the shop tomorrow 10:00 am to 15:00 pm. (Pacific) I will again take a closer tomorrow. Burnaby Radio Communication.

On Friday, November 1, 2013, wrote:

> **
>
>
> how are you getting your ft920 to talk to chat....absolute failure here.
>
> David/wd4kpd
>
>
> ---In V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>, <v4protocol@yahoogroups.com<javascript:_e({}, 'cvml',
'v4protocol@yahoogroups.com');>>
> wrote:
>
> Thanks Fred,
>
> Good that means your set function for the 920 is working and I’ll put in
> the code for the read back (so the waterfall updates when you rotate the
> transceiver dial) for the 920. That code will probably work for some of the
> other models as well (but not all!)
>

> Rick
>
>
> *From:* Fred G -w1wyc <javascript:_e({}, 'cvml', 'f_garside@...');>
> *Sent:* Friday, September 23, 2011 2:02 PM
> *To:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>
> *Subject:* Re: [V4Protocol] Need evaluators for next update! (0.6.2.0)
>
>
>
>
> Hi Rick,
>
> I use the FT-920 and I CAN click on the waterfall and change the receiver
> frequency. I'm not at the rig right now
> but I believe that if I click on one of the green waterfall lines it
> changes the receiver frequency and the frequency under
> the waterfall by 200 hz. Appears to work fine. I can't change the
> frequency under the waterfall by tuning the receiver.
> Clicking on the mini log works also and has worked since the first version
> of V4 I had.
>
> Hope this helps,
> Fred, W1WYC
>
>
> ----- Original Message -----
> *From:* Rick Muething <javascript:_e({}, 'cvml', 'rmuething@...');>
> *To:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>
> *Sent:* Friday, September 23, 2011 1:29 PM
> *Subject:* [V4Protocol] Need evaluators for next update! (0.6.2.0)
>
>
> All I am working on the last major fixes/enhancements for the next rev.
> I need a couple of evaluators (not many) for two important areas that I
> can’t very well test here myself:
> 1) I need some that have had problems with Autoupdate. Two problems have
> been reported and I have made changes and added logging to fix and track
> these down. a) License problem with IPWorks and b) Problems believed to be
> related to firewall or router blocking. If you fall into one of these
> categories and can spare a few minutes please let me know.
>
> 2) Those with some of the more popular Yaesu models. I am still working
> on the Yaesu control and read back and I will probably have to make
> several iterations. Let me know which model(s) you have and I will get the
> manual (we subscribe to a download source) and try and put in the
> appropriate driver. If you can already set the frequency in V4 (via the
> mini log or waterfall click) that is a good start since half the code is

> there and working already.
>
> I will send you the new evaluation code (full install) and/or post it on
> the Yahoo FTP. At this stage I do not want to post any untested code into
> the auto update server. All the changes in process are compatible with the
> current 0.6.1.0 rev.
>
> 73,
> Rick KN6KB
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3622. Text files/macro

Yahoo group: V4Protocol
Date: 2013-11-02 14:15:39 UTC
From: Don Poaps
Topic: 3622 Message: 3622

Greeting

My typing skills are hunt and peck. I've had a contact the other day. I have a text file with some general info.

I did copy the Callsign but it didn't get into log. I'm not an IT guy but how easy would it be to have a generic macro edit. Ie <CALL> de <MYCALL>. One could right click copy call and it drops into contact. Then when modifying text file one can could add the macro syntax as one does not know who's going to connect to. Am I off base here?

73

Don va7dgp

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3623. AW: AW: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP and Autoupdate server

Yahoo group: V4Protocol
Date: 2013-11-02 23:23:11 UTC
From: siegfried jackstien
Topic: 3470 Message: 3623

Hello rick

I will try it out (when available)

Yes I know compression is not good

I do not use it for digital ... but sometimes for voice

Letting it on accidently is bad for sure

Dg9bfc

sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Rick Muething
> Gesendet: Freitag, 1. November 2013 15:47
> An: V4Protocol@yahoogroups.com
> Betreff: Re: AW: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink
> FTP and Autoupdate server
>
>
>
> Sigi,
>
> Polling the radio for frequency will be off during transmit on the next
> rev. You should not use compression on virtually any digital mode...it
> distorts the waveform (not too bad for voice but no good for digital).
>
> Rick KN6KB
>
>
> From: siegfried jackstien <mailto:siegfried.jackstien@...>
> Sent: Thursday, October 31, 2013 11:32 PM
> To: V4Protocol@yahoogroups.com
> Subject: AW: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink FTP
> and Autoupdate server
>
>
>
> Hello rick ... that would be nice if you find a solution (pause polling
> while transmit) ... it is just a slight background noise (a few milliwatts
> I
> guess) ... a few watts if I accidently forget to switch off compressor in

> the rig ... but with pause the polling there should be silence ...
> right?!?
>
> Dg9bfc
>
> Sigi
>
> Ps maybe I should try usb isolator for cat?!?
>
> > -----Ursprüngliche Nachricht-----
> > Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> > Auftrag von Rick Muething
> > Gesendet: Donnerstag, 24. Oktober 2013 10:04
> > An: V4Protocol@yahoogroups.com
> > Betreff: RE: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink
> FTP
> > and Autoupdate server
> >
> >
> >
> > Siegfried,
> >
> >
> >
> > Well you have to remember that now there are several (I think 5 or 6 at
> my
> > last count) of Radios that use the same USB port for both Sound card
> > (internal USB sound card) and radio control You have to continually read
> > the sound card data from the USB port it is the best way to get the
> audio
> > for DSP. These radios (I have specific experience and tested at least 3
> > models) have excellent USB sound cards (sampling rate error typically <
> > 200 ppm, few artifacts, good RF isolation.) Since the USB sound card can
> > be added to the radio during design for a few $ per radio these will
> > become more prolific now primarily all the new HF radios from Kenwood
> and
> > Icom).
> >
> >
> >
> > During transmit the only command to the radio is PTT on and PTT off (for
> > those installations using CAT PTT control). I☐ll check and make sure
> that
> > is what is happening if it is not it is easy to fix. During receive it
> is
> > necessary to continuously poll to pick up dial changes made by the user.
> >
> >
> >

> > 73,
> >
> >
> >
> > Rick KN6KB
> >
> >
> >
> > From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> > Behalf Of siegfried jackstien
> > Sent: Wednesday, October 23, 2013 12:30 PM
> > To: V4Protocol@yahoogroups.com
> > Subject: AW: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink
> FTP
> > and Autoupdate server
> >
> >
> >
> >
> >
> > Hello rick
> >
> > What I have here is:
> >
> > During transmit the soft should NOT do anything via usb port (polling
> > frequency or something like that)
> >
> > The polling (here on my setup) gives some slight audio background noise
> > (that adds to the transmitted signal!!!!!)
> >
> > So ... the poll should be "paused" during a transmit session ...
> >
> > Only at start or end of a transmit session the port can be polled once
> (if
> > needed for setting ptt via cat for any radio that has cat ptt instead of
> > hard wired ptt)
> >
> > That should give clean transmit audio
> >
> > Your soft polls every few seconds (iirr 3 seconds?!?)
> >
> > Can that be "paused" during transmitting?!?
> >
> > ....
> >
> > Greetz
> >
> > Sigi
> >

> > Dg9bfc
> >
> > > -----Ursprüngliche Nachricht-----
> > > Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> > > Auftrag von Rick Muething
> > > Gesendet: Mittwoch, 23. Oktober 2013 15:48
> > > An: V4Protocol@yahoogroups.com
> > > Betreff: RE: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink
> > FTP
> > > and Autoupdate server
> > >
> > >
> > >
> > > Dave,
> > >
> > >
> > >
> > > I☐ll take out the Kenwood commands that turn off the Noise blanker,
> > Noise
> > > Reducer and Beat Canceller. Those shouldn☐t be needed (it will just
> > leave
> > > the radio as is) but will probably be OK if left active (it☐s hard to
> > > predict what some of these DSP based ☐filters☐ will do to the signal
> but
> > > 4FSK is more tolerant than PSK or QAM modes). In general Radio DSP
> > > functions like noise blankers and DSP notches add distortion and
> > > unpredictability to the received waveform of digital modes that can☐t
> be
> > > easily undone. The tight audio filters and Goertzel tone decoders
> using
> > > in the H4 TNC should be all the digital ☐filtering☐ that is necessary.
> > >
> > >
> > >
> > > The beep you hear is the result from a command from Chat to read the
> > radio
> > > dial. Basically the radio gives a beep every time it receives a
> command
> > > (usually the default setting of the radio) but you can usually turn it
> > off
> > > in a menu of the radio. It is similar radio control code to RMS
> Express
> > > but there are some differences (e.g. RMS Express doesn☐t read back the
> > > radio dial or support ☐click-to-tune☐ like Chat does).
> > >
> > >
> > >
> > > I generally don☐t like trying to ☐piggy back☐ on existing 3rd party
> > > control interfaces or software. Some of these (e.g. Ham radio deluxe

> > etc.
> > > not sure about Hamlab) introduce significant delays (due to software
> > > polling) and that can cause serious degradation and variation on
> > Transmit
> > > > > Receive latency which is critical on ARQ modes. Any delay or
> > > uncertainty in the T>R or R>T timing ends up requiring larger timing
> > > margins and can significantly affect ARQ net throughput and
> reliability.
> > >
> > >
> > >
> > > 73 and thanks for the feedback,
> > >
> > >
> > >
> > > Rick KN6KB
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
> On
> > > Behalf Of Bastress, David G
> > > Sent: Wednesday, October 23, 2013 8:43 AM
> > > To: V4Protocol@yahoogroups.com
> > > Subject: Re: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink
> > FTP
> > > and Autoupdate server
> > >
> > >
> > >
> > >
> > >
> > > Rick,
> > >
> > >
> > >
> > > V4CHAT also turns the NB off. Don't remember about the antenna tuner.
> > > RMS Express also turns the NB off and I don't remember if it turns the
> > > antenna tuner ON or not. Also, everytime the programs open up my rig
> > > gives me an audible double beep and things change. I suspect you have
> > > used common coding between them for rig control. Why reinvent the
> wheel,
> > > right?
> > >
> > >

> > >
> > > In any case, I don't mind the double beep I would just like to not
> have
> > to
> > > turn the NB back on and turn the AT off everytime I use one of those
> > > program. Getting old and sometimes forget. :-)
> > >
> > >
> > >
> > > FLDIGI which uses Hamlab for control does not mess with either
> function
> > > and opens up quietly.
> > >
> > >
> > >
> > > Just something to think about. :-)
> > >
> > >
> > >
> > > Dave K3GAU
> > >
> > >
> > >
> > > On Wed, Oct 23, 2013 at 8:17 AM, Rick Muething <rmuething@...>
> > > wrote:
> > >
> > >
> > >
> > > Thanks Dave,
> > >
> > >
> > >
> > > I□ll look into that. So far I haven□t touched any rig control code
> that
> > > wasn□t in V4Chat .Also will look at adding some other rigs like Icom
> > 7000.
> > >
> > >
> > >
> > > Rick
> > >
> > >
> > >
> > >
> > >
> > > From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
> On
> > > Behalf Of Bastress, David G
> > > Sent: Wednesday, October 23, 2013 7:27 AM

> > > To: V4Protocol@yahoogroups.com
> > > Subject: Re: [V4Protocol] Chat 0.1.6.0 Uploaded to Yahoo FTP, Winlink
> > FTP
> > > and Autoupdate server
> > >
> > >
> > >
> > >
> > >
> > > GM Rick,
> > >
> > > I notice two things happen everytime I open up CHAT. The noise blanker
> > > always gets turned OFF and the rig's antenna tuner gets turned ON!! I
> > > really don't want either of those things to happen. Otherwise, the rig
> > > control works well. I am using a TS-2000.
> > >
> > > Hope your trip goes well.
> > >
> > > Dave K3GAU
> > >
> > > On Oct 22, 2013 7:13 PM, "Rick Muething" <rmuething@...> wrote:
> > >
> > >
> > >
> > > All,
> > >
> > >
> > >
> > > This should be my last update before leaving for about 10 days. The
> > > decoding on this version is the same as 0.1.5.0 but a number of
> cleanup
> > > items are done including functional fixes to things like Outbound
> buffer
> > > queue, Auto ID, logging, display of text sent etc. I also made passes
> > > through the help files and fixed many of the contradictory statements
> > > (left over from the old V4 Help file).
> > >
> > >
> > >
> > > It seems to be working well. I have started on the ARQ mechanism and
> > want
> > > to get that well defined and documented before starting to modify the
> > > code.
> > >
> > >
> > >
> > > Please report any serious errors. Be sure to look in the help If you
> > have
> > > questions it covers many questions.

> > >
> > >
> > > Thanks again for the feedback and interest.
> > >
> > >
> > >
> > > 73,
> > >
> > >
> > > Rick KN6KB
> > >
> > >
> > >
> > >
> > >
> > > Chat Revision History
> > >
> > > Date: Rev Change Summary
> > >
> > >
> > >
> > > oct 22, 2013 0.1.6.0 Release of 0.1.5.1
> > >
> > >
> > >
> > > Oct 21, 2013 0.1.5.1 Eliminate separate Full and Half duplex FEC
> > > modes...basically always full duplex if radio will permit, otherwise
> > half
> > > duplex.
> > >
> > > Change Text display for
> > > improved readability: Inbound FEC text black (was green), Info text
> > Navy
> > > ItalicText (was black)
> > >
> > > Text as sent (green)
> > > others unchanged.
> > >
> > > Increased brightness of
> > > rich text box backgrounds (light beige and light blue) for increased
> > > contrast.
> > >
> > > Fix AutoID function
> > > (controlled by Host)
> > >
> > > Add code to display text
> > > as sent (Green) on the session rich text box and received text
> > (black).
> > >

> > > Implement the Outbound
> > > queue and buffer reporting.
> > >
> > > Make mods to
> > > Main.UpdateSessionDisplay to buffer FEC received text for logging
> (makes
> > > Chat.log more readable)
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > Oct 21, 2013 0.1.5.0 Release of 0.1.4.1
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > H4FSK TNC Revision History
> > >
> > > Date: Rev Change Summary
> > >
> > >
> > >
> > > Oct 22, 2013 0.1.6.0 Release of 0.1.5.1
> > >
> > >
> > >
> > > Oct 21, 2013 0.1.5.1 Remove decoder test ....was
> > > confusing and only used to verify initial character coding table.
> > >
> > > Modify
> > > H4Mod.GenerateLeader to taper on leading and trailing 24 samples (2ms)
> > to
> > > reduce "clicks"
> > >
> > > Add
> > > Globals.AddToOutboundPending and ClearOBQueue to handle Queue data if
> > > already playing
> > >
> > > Add OB
> > > Queue: label on main form and mechanism to update status to Host.
> > >
> > > Fix AutoID
> > > function (normally selected by host).

> > >
> > > Send
> > > ENCODING command to Chat whenever Encoding character set is
> > > changed.(allows proper display and logging)
> > >
> > >
> > >
> > > Oct 21, 2013 0.1.5.0 Release of 0.1.4.1
> > >
> > >
> > >
> > >
> > >
> > >
> >
> >
>
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2014.0.4158 / Virus Database: 3615/6794 - Release Date: 10/30/13
>
>

3624. H4 Beacon inital Radio tests of version 0.1.6.1

Yahoo group: V4Protocol
Date: 2013-11-03 19:08:17 UTC
From: Rick Muething
Topic: 3624 Message: 3624

All,

I am doing some initial beacon testing of the H4 TNC and updated Chat program (ver 0.1.6.1) . I am running a 50 watt beacon on 28230.0 USB dial every 5 minutes. This is testing some new features and code. Please report if you copy and try answering if possible. I have maximum logging enabled to capture the performance of the new mods at my end.

I hope to have a new rev out in the next few days. This is still FEC mode only but cleans up some important issues and should allow better copy especially from sound cards with substantial sample rate inaccuracy.

Once I get this cleaned up for release (Chat also has some changes making it more efficient for typing) I will get into the ARQ stuff.but first it is necessary to get a good solid base with the FEC mode. (sort of like building a house.you have to have a solid foundation!)

I'm not sure how good my antenna is here on 10 meters (it is actually a trap dipole for 30, 17, and 12 meters) but at least the tuner tuned it OK. If there are other frequencies that you are all using let me know and I'll move to them.

73,

Rick Muething, KN6KB

3625. Re: [V4Protocol] H4 Beacon inital Radio tests of version 0.1.6.1

Yahoo group: V4Protocol
Date: 2013-11-03 20:45:05 UTC
From: wb0kgn@...
Topic: 3624 Message: 3625

----- Original Message -----
From: "Rick Muething" <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Sunday, November 3, 2013 1:08:17 PM
Subject: [V4Protocol] H4 Beacon inital Radio tests of version 0.1.6.1

All,

I am doing some initial beacon testing of the H4 TNC and updated Chat program (ver 0.1.6.1) . I am running a 50 watt beacon on 28230.0 USB dial every 5 minutes. This is testing some new features and code. Please report if you copy and try answering if possible. I have maximum logging enabled to capture the performance of the new mods at my end.

I hope to have a new rev out in the next few days. This is still FEC mode only but cleans up some important issues and should allow better copy especially from sound cards with substantial sample rate inaccuracy.

Once I get this cleaned up for release (Chat also has some changes making it more efficient for typing) I will get into the ARQ stuff…but first it is necessary to get a good solid base with the FEC mode. (sort of like building a house…you have to have a solid foundation!)

I'm not sure how good my antenna is here on 10 meters (it is actually a trap dipole for 30, 17, and 12 meters) but at least the tuner tuned it OK. If there are other frequencies that you are all using let me know and I'll move to them.

73,

Rick Muething, KN6KB

3626. Re: [V4Protocol] H4 Beacon inital Radio tests of version 0.1.6.1

Yahoo group: V4Protocol
Date: 2013-11-03 22:09:57 UTC
From: W6IDS
Topic: 3624 Message: 3626

I can hear some CW down in the noise but it doesn't sound like your call sign Rick. This is around 2200Z and for what it's worth, I did copy PY3ZZ clearly. I called him three or four times to no avail. He was calling CQ a couple of times while I listened, etc.

Plenty of PSK on 28120 BTW. Never did connect with the PY3. Well, not with you either <GRIN>.

Howard W6IDS
Richmond, IN EM79NV

From: "Rick Muething" <rmuething@cfl.rr.com>
To: V4Protocol@yahoogroups.com
Sent: Sunday, November 3, 2013 1:08:17 PM
Subject: [V4Protocol] H4 Beacon inital Radio tests of version 0.1.6.1

All,

I am doing some initial beacon testing of the H4 TNC and updated Chat program (ver 0.1.6.1) . I am running a 50 watt beacon on 28230.0 USB dial every 5 minutes. This is testing some new features and code. Please report if you copy and try answering if possible. I have maximum logging enabled to capture the performance of the new mods at my end.

I hope to have a new rev out in the next few days. This is still FEC mode only but cleans up some important issues and should allow better copy especially from sound cards with substantial sample rate inaccuracy.

Once I get this cleaned up for release (Chat also has some changes making it more efficient for typing) I will get into the ARQ stuff…but first it is necessary to get a good solid base with the FEC mode. (sort of like building a house…you have to have a solid foundation!)

I'm not sure how good my antenna is here on 10 meters (it is actually a trap dipole for 30, 17, and 12 meters) but at least the tuner tuned it OK. If there are other frequencies that you are all using let me know and I'll move to them.

73,

Rick Muething, KN6KB

3627. Re: [V4Protocol] H4 Beacon inital Radio tests of version 0.1.6.1

Yahoo group: V4Protocol
Date: 2013-11-03 22:21:51 UTC
From: enkitec@...
Topic: 3624 Message: 3627

I copied Rick's beacon two times in the last hour. Nothing more.
Heard some short transmissions, but no decode.

Mark Jordan PY3SS

On 03-Nov-13 20:09, W6IDS wrote:
>
>
> I can hear some CW down in the noise but it doesn’t sound like your
> call sign
> Rick. This is around 2200Z and for what it’s worth, I did copy PY3ZZ
> clearly.
> I called him three or four times to no avail. He was calling CQ a
> couple of
> times while I listened, etc.
> Plenty of PSK on 28120 BTW. Never did connect with the PY3. Well, not
> with you either <GRIN>.
> Howard W6IDS
> Richmond, IN EM79NV
> *From: *"Rick Muething" <rmuething@...>
> *To: *V4Protocol@yahoogroups.com
> *Sent: *Sunday, November 3, 2013 1:08:17 PM
> *Subject: *[V4Protocol] H4 Beacon inital Radio tests of version 0.1.6.1
>
> All,
>
> I am doing some initial beacon testing of the H4 TNC and updated Chat
> program (ver 0.1.6.1) . I am running a 50 watt beacon on 28230.0 USB
> dial every 5 minutes. This is testing some new features and code.
> Please report if you copy and try answering if possible. I have
> maximum logging enabled to capture the performance of the new mods at
> my end.
>
> I hope to have a new rev out in the next few days. This is still FEC
> mode only but cleans up some important issues and should allow better
> copy especially from sound cards with substantial sample rate inaccuracy.
>
> Once I get this cleaned up for release (Chat also has some changes
> making it more efficient for typing) I will get into the ARQ stuff…but
> first it is necessary to get a good solid base with the FEC mode.
> (sort of like building a house…you have to have a solid foundation!)
>
> I’m not sure how good my antenna is here on 10 meters (it is actually
> a trap dipole for 30, 17, and 12 meters) but at least the tuner tuned
> it OK. If there are other frequencies that you are all using let me

> know and I’ll move to them.
>
> 73,
>
> Rick Muething, KN6KB
>
>
>
>

3628. RE: H4 Beacon inital Radio tests of version 0.1.6.1

Yahoo group: V4Protocol
Date: 2013-11-04 16:37:00 UTC
From: <russtower@...>
Topic: 3624 Message: 3628

Welcome back to FL, Rick! :-) Regarding the choice of a frequency that we can reliably test on that would likely be within the coverage of most North American based stations most of the time (plus overseas as well in the evenings) I suggest that 10.123.00 Mhz would be the best choice,

73/Russ
K1DOW
Arcadia, FL

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

All,

I am doing some initial beacon testing of the H4 TNC and updated Chat program (ver 0.1.6.1) . I am running a 50 watt beacon on 28230.0 USB dial every 5 minutes. This is testing some new features and code. Please report if you copy and try answering if possible. I have maximum logging enabled to capture the performance of the new mods at my end.

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Once I get this cleaned up for release (Chat also has some changes making it more efficient for typing) I will get into the ARQ stuff…but first it is necessary to get a good solid base with the FEC mode. (sort of like building a house…you have to have a solid foundation!)

I'm not sure how good my antenna is here on 10 meters (it is actually a trap dipole for 30, 17, and 12 meters) but at least the tuner tuned it OK. If there are other frequencies that you are all using let me know and I'll move to them.

73,

Rick Muething, KN6KB

3629. Re: [V4Protocol] RE: H4 Beacon inital Radio tests of version 0.1.6.1

Yahoo group: V4Protocol
Date: 2013-11-04 17:05:32 UTC
From: Rick Muething
Topic: 3624 Message: 3629

Thanks Russ,

Had trouble (flight cancelled) getting out of LAX due to the terminal shooting. But good to be home! New (4 week old) grand daughter a kick!

I now have the beacon on 10123.00 USB dial for some testing. Just about ready to release the auto update..

Rick

From: russtower@...
Sent: Monday, November 04, 2013 11:37 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: H4 Beacon inital Radio tests of version 0.1.6.1

Welcome back to FL, Rick! :-) Regarding the choice of a frequency that we can reliably test on that would likely be within the coverage of most North American based stations most of the time (plus overseas as well in the evenings) I suggest that 10.123.00 Mhz would be the best choice,

73/Russ

K1DOW

Arcadia, FL

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I’m not sure how good my antenna is here on 10 meters (it is actually a trap dipole for 30, 17, and 12 meters) but at least the tuner tuned it OK. If there are other frequencies that you are all using let me know and I’ll move to them.

73,

Rick Muething, KN6KB

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6801 - Release Date: 11/01/13

3630. Final KN6KB pre release testing of Chat and H4TNC testing on 10123.00 USB dial

Yahoo group: V4Protocol
Date: 2013-11-04 17:09:15 UTC
From: Rick Muething
Topic: 3624 Message: 3630

All,

Running some final checks on the new Chat and H4TNC release (will be version 0.1.7.0) here. Beacon is 50 watts on 10123.00 USB dial.

Appreciate any replies on frequency to verify improved auto tuning functions.

I hope to have an auto update release out later today or tomorrow. Still just FEC mode but should be able to focus on ARQ soon.

73,

Rick Muething, KN6KB

3631. Re: [V4Protocol] Final KN6KB pre release testing of Chat and H4TNC testing on 10123.00 USB dial

Yahoo group: V4Protocol
Date: 2013-11-04 17:15:50 UTC
From: Don Poaps
Topic: 3624 Message: 3631

Food for thought regarding FT920 VFO

FT920 works with RMSexpress but it is not being picked up by last version.
I have no problem with Kenwood VFO set up.
At the store FT920 no go, at home Kenwood TS850s works great.

Later

Don va7dgp

On Monday, November 4, 2013, Rick Muething wrote:

>
>
> All,
>
> Running some final checks on the new Chat and H4TNC release (will be
> version 0.1.7.0) here. Beacon is 50 watts on 10123.00 USB dial.
>
> Appreciate any replies on frequency to verify improved auto tuning
> functions.
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> I hope to have an auto update release out later today or tomorrow. Still
> just FEC mode but should be able to focus on ARQ soon.
>
> 73,
>
> Rick Muething, KN6KB
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3632. Re: [V4Protocol] Final KN6KB pre release testing of Chat and H4TNC testing on 10123.00 USB dial

Yahoo group: V4Protocol
Date: 2013-11-04 17:24:46 UTC
From: Rick Muething
Topic: 3624 Message: 3632

Thanks Don...will take a look at it.

Rick KN6KB

From: Don Poaps
Sent: Monday, November 04, 2013 12:15 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Final KN6KB pre release testing of Chat and H4TNC testing on 10123.00 USB dial

Food for thought regarding FT920 VFO

FT920 works with RMSexpress but it is not being picked up by last version. I have no problem with Kenwood VFO set up.
At the store FT920 no go, at home Kenwood TS850s works great.

Later

Don va7dgp

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Running some final checks on the new Chat and H4TNC release (will be version 0.1.7.0) here. Beacon is 50 watts on 10123.00 USB dial.

Appreciate any replies on frequency to verify improved auto tuning functions.

I hope to have an auto update release out later today or tomorrow. Still just FEC mode but should be able to focus on ARQ soon.

73,

Rick Muething, KN6KB

--

Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6801 - Release Date: 11/01/13

3633. Re: [V4Protocol] Final KN6KB pre release testing of Chat and H4TNC testing on 10123.00 USB dial

Yahoo group: V4Protocol
Date: 2013-11-04 18:00:50 UTC
From: Rick Muething
Topic: 3624 Message: 3633

Don,

I’m comparing Chat radio control code with RMS Express ...don’t see any differences for Yaesu. What radio setting are you using? What is not working? (I think Frequency read back is unique to Chat so that may be the issue).

Thanks

Rick KN6KB

From: Don Poaps
Sent: Monday, November 04, 2013 12:15 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Final KN6KB pre release testing of Chat and H4TNC testing on 10123.00 USB dial

Food for thought regarding FT920 VFO

FT920 works with RMSexpress but it is not being picked up by last version. I have no problem with Kenwood VFO set up.
At the store FT920 no go, at home Kenwood TS850s works great.

Later

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73,

Rick Muething, KN6KB

--

Don Poaps
New Westminster, BC
VA7DGP
Satern Member

Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6801 - Release Date: 11/01/13

3634. RE: Re: [V4Protocol] RE: H4 Beacon inital Radio tests of version 0.1.6.1

Yahoo group: V4Protocol
Date: 2013-11-04 18:13:33 UTC
From: <russtower@...>
Topic: 3624 Message: 3634

Solid print here this Monday on 10.123.00 Mhz Rick. Looking forward to testing the soon to be released update!

73/Russ
K1DOW

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

Thanks Russ,

Had trouble (flight cancelled) getting out of LAX due to the terminal shooting. But good to be home! New (4 week old) grand daughter a kick!

I now have the beacon on 10123.00 USB dial for some testing. Just about ready to release the auto update..

Rick

From: russtower@... mailto:russtower@...
Sent: Monday, November 04, 2013 11:37 AM
To: V4Protocol@yahoogroups.com mailto:V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: H4 Beacon inital Radio tests of version 0.1.6.1

Welcome back to FL, Rick! :-) Regarding the choice of a frequency that we can reliably test on that would likely be within the coverage of most North American based stations most of the time (plus overseas as well in the evenings) I suggest that 10.123.00 Mhz would be the best choice,

73/Russ
K1DOW
Arcadia, FL

---In V4Protocol@yahoogroups.com, <v4protocol@yahoogroups.com> wrote:

All,

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I hope to have a new rev out in the next few days. This is still FEC mode only but cleans up some important issues and should allow better copy especially from sound cards with substantial sample rate inaccuracy.

Once I get this cleaned up for release (Chat also has some changes making it more efficient for typing) I will get into the ARQ stuff…but first it is necessary to get a good solid base with the FEC mode. (sort of like building a house…you have to have a solid

foundation!)

I’m not sure how good my antenna is here on 10 meters (it is actually a trap dipole for 30, 17, and 12 meters) but at least the tuner tuned it OK. If there are other frequencies that you are all using let me know and I’ll move to them.

73,

Rick Muething, KN6KB

No virus found in this message.
Checked by AVG - www.avg.com http://www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6801 - Release Date: 11/01/13

3635. Re: H4 Beacon inital Radio tests of version 0.1.6.1

Yahoo group: V4Protocol
Date: 2013-11-04 18:18:38 UTC
From: ldmax12
Topic: 3624 Message: 3635

Copied K1DOW and KN6KB on 28.230.00 while I was away from the house earlier this morning out here in El Paso, TX DM61sv. Sent a reply back about 11:00AM (MST). Going to 10.123.00 and see what we hear.

73,
Lew/KB5HPT

--- In V4Protocol@yahoogroups.com, "Rick Muething" <rmuething@...> wrote:
>
> All,
>
>
>
> I am doing some initial beacon testing of the H4 TNC and updated Chat
> program (ver 0.1.6.1) . I am running a 50 watt beacon on 28230.0 USB dial
> every 5 minutes. This is testing some new features and code. Please report
> if you copy and try answering if possible. I have maximum logging enabled
> to capture the performance of the new mods at my end.
>
>
>
> I hope to have a new rev out in the next few days. This is still FEC mode
> only but cleans up some important issues and should allow better copy
> especially from sound cards with substantial sample rate inaccuracy.
>
>
>
> Once I get this cleaned up for release (Chat also has some changes making it
> more efficient for typing) I will get into the ARQ stuff.but first it is
> necessary to get a good solid base with the FEC mode. (sort of like
> building a house.you have to have a solid foundation!)
>
>
>
> I'm not sure how good my antenna is here on 10 meters (it is actually a trap
> dipole for 30, 17, and 12 meters) but at least the tuner tuned it OK. If
> there are other frequencies that you are all using let me know and I'll move
> to them.
>
>
>
> 73,
>
>
>

> Rick Muething, KN6KB
>

3636. Chat 0.1.7.0 Beta uploaded to Auto Update Server, Yahoo FTP and Winlink FTP sites

Yahoo group: V4Protocol
Date: 2013-11-04 22:01:09 UTC
From: Rick Muething
Topic: 3636 Message: 3636

All,

I have uploaded the latest beta version to the above servers. This is still a FEC only version though it has many small and important enhancements noted below.

If there are serious problems please let me know. The help has all been updated and should be current with the new version. With the exception of some issues or expansion of the radio control for some radios this should be very functional. It includes some new utilities and tuning code to handle much wider range of sound card errors (up to about 4000 ppm).

I am working on the ARQ version. This will take some time but is progressing. I want to get the base of the FEC version working very solid and functional before introducing any ARQ versions.

Significant Changes:

Save/Recall of AutoID to Chat.ini file

Improve Session text box readability

Add Rx and Tx throughput calculation

Add frequency readback for Yaesu FT-920
(need confirmation on this)

Modify sync detect thresholding

Improve sync and symbol tracking

Add Busy channel detection and out bound
Queue control

Update Chat and H4TNC Help

I will keep my beacons operational on 10123.00 or 28230.00 USB dial

Thanks for your support and feedback.

73,

Rick KN6KB

Chat Revision History

Date: Rev Change Summary

Nov 4, 2013 0.1.7.0 Beta release of 0.1.6.1

Nov 3, 2013 0.1.6.1 Change Beacon Setup: Max length to 80 (was
70). Range 5-60 sec (was 10-120). Step 5 sec (was 10)

Modify Radio.ProcessKenwood
[remove commands to clear Beat canceller, Noise Blanker, Noise Reducer,

Do not disable tuner if
Enable Internal Tuner unchecked.(leave as set in radio)]

Modify Main.tmr Poll to use
blnPTT variable to block Radio frequency read request if PTT active.

Change Session text box sent
text from green normal to green italic text. (matches font style in Keyboard
text box)

Add save/recall of AutoID
status to Chat.ini file

Change ScrollLock auto reset
to 10 seconds (was 30)

Add extra vbLF to bottom of
display to improve last line readability.

Update RX throughput
calculation to 30 sec rolling avg and 450 bytes/min (75 words/min) max.

Change spelling of "7Bit" to
a consistent "7BIT" in ASCII encoding definitions.

Add Frequency Read back for
Yaesu FT-920 in Radio.GetFrequency (' Op code needs verification)

Oct 22, 2013 0.1.6.0 Release of 0.1.5.1

H4FSK TNC Revision History

Date: Rev Change Summary

Nov 4, 2013 0.1.7.0 Beta release if 0.1.6.1

Nov 4,2013 0.1.6.1 Trial version to evaluate mods to reduce false
tune detection.

Ratio
multiplier calculation changed from Thresh/10 to Thresh/5 (increases the
importance of two equal tones in Sync)

Threshold of
dblPriorCor in ProcessNewSamples changed to (1 - Squelch/10) was .5
(requires stronger value for low thresholds)

Add logic in
H4FSKInterface.Poll to abort if playing (FEC mode)

Add debug
logging for unbounded SampleResyncOffset in H4Demod.AdjSymbolSync62BMix to
log sync drift per frame. (re assess bound limits)

Expand
bounded sync adjustment in AdjSymbolSync62Bmix from +/- 14 to +/- 40

Change
required sample length in ProcessNewSampes.Capture Stat Track from 1536 +
192 to 1536 + 288 to insure at least one pass.

Add
H4Demod.SRCompensation to use phase difference in pairs of the same tone to
determine correction for pointer.

(handles
larger SR errors up to 4000 ppm) [needs on air verification]

Add Average
Sample rate calculation and display on Help drop down list.

Add utility
in Test drop down list to make an approximate measurement of playback rate.

Change
amplitude of 4FSK data and leader (mult x .707) to make same RMS value of
sync.(constant output power)

Change
polling timer in Interface from 20 ms to 64 ms (reduces CPU loading)

Change
Tuning range control in Basic setup to cover range 10 to 100 (was 50 to 150)

Modify
H4FECMod.SendFECBytes to echo back sent data before appending EOT.

Modify
H4FECDemod.ProcessNewSamples to not send characters with value < 31 to host
in FEC mode (blocks non printing chars)

Added RED
busy indicator to right end of main menu line on Interface form. (Triggers
with sync detect and sets blnChannelBusy.

Clears busy
in 1.1 sec of no sync detect)

Block
sending of OB Queue if blnChannelBusy

Mod
H4FECDemod.ProcessNewSamples to make small adjustment in detection threshold
for Tune and Track states

Update Help

Oct 22, 2013 0.1.6.0 Release of 0.1.5.1

3637. KD4JRX 35jW 50FT FM14 WATHA NCok

Yahoo group: V4Protocol
Date: 2013-11-04 23:54:19 UTC
From: wa6tvd@att.net
Topic: 3637 Message: 3637

Heard in Reno, NV de WA6TVD, George

3638. DiaHAM4 0.1.7.0 Test Beacon 50W de KN6KB, R

Yahoo group: V4Protocol
Date: 2013-11-05 00:19:57 UTC
From: wa6tvd@att.net
Topic: 3638 Message: 3638

Heard in Reno, NV 1619 PST de Wa6TVD, George

3639. Re: [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update Server, Yahoo FTP and Winlink FTP sites

Yahoo group: V4Protocol
Date: 2013-11-05 02:30:02 UTC
From: W6IDS
Topic: 3636 Message: 3639

Rick, knowing your busy, etc etc. . . . let me make a comment.

I am unable to wrap my mind around the concept of having my transmitted text appear “twice” locally. I know there’s probably a reason for it as requested by “someone.” However, that someone would be in a fix if running a normal TNC with Pactor or something else I suppose if they need this type of visual aid.

I’m finding it distracting, especially when trying to root out who’s sending back to me with their own comments. Visually, it’s sort of cluttered to ME and of course IMHO. I don’t know if anyone else is bothered by it but I am for the sake of discussion and I thought I’d pass my comments along.

Howard W6IDS
Richmond, IN EM79NV

From: Rick Muething
Sent: Monday, November 04, 2013 5:01 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update Server, Yahoo FTP and Winlink FTP sites

All,

I have uploaded the latest beta version to the above servers. This is still a FEC only version though it has many small and important enhancements noted below.

If there are serious problems please let me know. The help has all been updated and should be current with the new version. With the exception of some issues or expansion of the radio control for some radios this should be very functional. It includes some new utilities and tuning code to handle much wider range of sound card errors (up to about 4000 ppm).

I am working on the ARQ version. This will take some time but is progressing. I want to get the base of the FEC version working very solid and functional before intro ducing any ARQ versions.

<SNIP> <SNIP>

3640. Re: [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update Server, Yahoo FTP and Winlink FTP sites

Yahoo group: V4Protocol
Date: 2013-11-05 02:37:08 UTC
From: enkitec@...
Topic: 3636 Message: 3640

Is there a way of running Chat and HRD at the same time?

Mark Jordan PY3SS

On 05-Nov-13 00:30, W6IDS wrote:
>
>
> Rick, knowing your busy, etc etc. . . . let me make a comment.
> I am unable to wrap my mind around the concept of having my
> transmitted text
> appear “twice” locally. I know there’s probably a reason for it as
> requested by
> “someone.” However, that someone would be in a fix if running a
> normal TNC
> with Pactor or something else I suppose if they need this type of
> visual aid.
> I’m finding it distracting, especially when trying to root out who’s
> sending back
> to me with their own comments. Visually, it’s sort of cluttered to ME
> and of
> course IMHO. I don’t know if anyone else is bothered by it but I am
> for the sake
> of discussion and I thought I’d pass my comments along.
> Howard W6IDS
> Richmond, IN EM79NV
> *From:* Rick Muething <mailto:rmuething@...>
> *Sent:* Monday, November 04, 2013 5:01 PM
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Subject:* [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update
> Server, Yahoo FTP and Winlink FTP sites
>
>
> All,
>
> I have uploaded the latest beta version to the above servers. This is
> still a FEC only version though it has many small and important
> enhancements noted below.
>
> If there are serious problems please let me know. The help has all
> been updated and should be current with the new version. With the
> exception of some issues or expansion of the radio control for some
> radios this should be very functional. It includes some new utilities
> and tuning code to handle much wider range of sound card errors (up to
> about 4000 ppm).

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> I am working on the ARQ version. This will take some time but is
> progressing. I want to get the base of the FEC version working very
> solid and functional before intro ducing any ARQ versions.
>
> <SNIP> <SNIP>
>
>
>
>

3641. Re: [V4Protocol] Final KN6KB pre release testing of Chat and H4TNC testing on 10123.00 USB dial

Yahoo group: V4Protocol
Date: 2013-11-05 06:38:31 UTC
From: Steve Michaels
Topic: 3624 Message: 3641

Beaconing on 10.123mHz. Strong carrier on 10.125, can't get rid of it with the options available on the FT-857D.

Best to all
N4AY EM70

3642. RE: [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update Server, Yahoo FTP and Winlink FTP sites

Yahoo group: V4Protocol
Date: 2013-11-05 10:28:45 UTC
From: Rick Muething
Topic: 3636 Message: 3642
Attachments: 2 described; binary payloads are missing from this source WARC

Mark, Howard,

Re Session text Box:

The concept I used in the session text box (which is always logged to the Chat <date>.log) has the full text of the QSO along with status info contained in one text window. This includes the text sent (now in Green Italic type) and the text received (in normal black type for FEC). In the log (which is not rich text to reduce log bulk) the sent and received text are indicated by keys e.g. {Rcvd FEC text} etc. This permits going back in the log and being able to read in time sequence the text (from both ends) as it was sent and received.

Unless you are using full duplex (not likely at least on HF) or just testing with full duplex audio) the sent and received text will not be the same in the Session window (e.g. Your receiver is usually blanked when the transceiver is keyed unless you have a RF monitor enabled.) If you are using an audio loop back (sound card audio out connected directly (or acoustically) to sound card audio in) you of course will see the Sent (green italic text) immediately followed by the received text (black normal text). But this is not the normal way the program is used with a radio.

The reason transmitted text is entered into a separate window is to allow editing (backspace, delete etc.) BEFORE text is committed to the outbound Queue which then becomes un editable. The cursor control is set up so that you can't go back and edit text already sent to the outbound Queue (though you can Capture it to the clipboard).

I am open for other ways to do this but this has been worked out (similar version in the old V4Chat) and generally has been well received by users. The one customizing feature that is asked for is various ways to "commit" the text to the output queue so there are now 4 options to select this …its really a matter of personal preference. I personally use the CR or double space as the "commit text" option.

Re HRD:

The problems with this and other similar third-party interface programs are this:

1. Often they introduce delay (due to polling cycles etc.) that can delay the commands 100-200 ms or more. That may not seem like a lot but in an ARQ mode adding 100 + ms and the additional uncertainty due to polling (timing ambiguity) requires substantially increasing the timing guard bands on ARQ cycles and that has a significant impact on ARQ throughput and makes it difficult to build in accurate round trip measurement and compensation. As an aside Pactor ARQ requires a hardware PTT control with < 50 ms delay ….there is a reason for that and why it is very difficult to implement Pactor in PC software and why Pactor can't use software control of PTT.

2. There are functions like Click to tune, Aux Mux control, and frequency read back that are not always supported by some interfaces.

3. It adds an uncontrolled third-party piece of software in the tight Chat<> Radio interface. I have no control over how or when they implement functions or new radios. I cannot force them to implement a change to accommodate some needed feature or timing. E.g. Radios with built in sound cards (Icom 7100, 7200, 7600, Kenwood TS590S) require specific AUX mux commands that may not be implemented in some of these interfaces.

Hope this addresses some of your questions/issues.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of enkitec@...
Sent: Monday, November 04, 2013 9:37 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update Server, Yahoo FTP and Winlink FTP sites

Is there a way of running Chat and HRD at the same time?

Mark Jordan PY3SS

On 05-Nov-13 00:30, W6IDS wrote:

Rick, knowing your busy, etc etc. . . . let me make a comment.

I am unable to wrap my mind around the concept of having my transmitted text

appear “twice” locally. I know there’s probably a reason for it as requested by

“someone.” However, that someone would be in a fix if running a normal TNC

with Pactor or something else I suppose if they need this type of visual aid.

I’m finding it distracting, especially when trying to root out who’s sending back

to me with their own comments. Visually, it’s sort of cluttered to ME and of

course IMHO. I don’t know if anyone else is bothered by it but I am for the sake

of discussion and I thought I’d pass my comments along.

Howard W6IDS

Richmond, IN EM79NV

From: Rick Muething <mailto:rmuething@...>

Sent: Monday, November 04, 2013 5:01 PM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update Server, Yahoo FTP and Winlink FTP sites

All,

I have uploaded the latest beta version to the above servers. This is still a FEC only version though it has many small and important enhancements noted below.

If there are serious problems please let me know. The help has all been updated and should be current with the new version. With the exception of some issues or expansion of the radio control for some radios this should be very functional. It includes some new utilities and tuning code to handle much wider range of sound card errors (up to about 4000 ppm).

I am working on the ARQ version. This will take some time but is progressing. I want to get the base of the FEC version working very solid and functional before intro ducing any ARQ versions.

<SNIP> <SNIP>

3643. Re: [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update Server, Yahoo FTP and Winlink FTP sites

Yahoo group: V4Protocol
Date: 2013-11-05 13:04:59 UTC
From: Ron Wenig
Topic: 3636 Message: 3643

Hi Rick,

I learn something everyday in this hobby :-)

I have a Kenwood TS-590 using the built in USB sound card. When I turn on the monitor feature of the radio, so I can hear what is being transmitted, in the text window I will get black normal text and the green Italic text, which I thought was the way the program was designed and a little confusing because of all of the activity in the text window. I guess this is called full duplex audio. If I turn off the monitor feature then I don't get the black type just the green type. I'll have to see which one I like because it's nice to hear your transmission but turning it off will make the receive window easier to read.

73, Ron ny3j

On 11/5/2013 5:28 AM, Rick Muething wrote:
>
> Mark, Howard,
>
> Re Session text Box:
>
> The concept I used in the session text box (which is always logged to
> the Chat <date>.log) has the full text of the QSO along with status
> info contained in one text window. This includes the text sent (now in
> Green Italic type) and the text received (in normal black type for
> FEC). In the log (which is not rich text to reduce log bulk) the sent
> and received text are indicated by keys e.g. {Rcvd FEC text} etc.
> This permits going back in the log and being able to read in time
> sequence the text (from both ends) as it was sent and received.
>
> Unless you are using full duplex (not likely at least on HF) or just
> testing with full duplex audio) the sent and received text will not
> be the same in the Session window (e.g. Your receiver is usually
> blanked when the transceiver is keyed unless you have a RF monitor
> enabled.) If you are using an audio loop back (sound card audio out
> connected directly (or acoustically) to sound card audio in) you of
> course will see the Sent (green italic text) immediately followed by
> the received text (black normal text). But this is not the normal way
> the program is used with a radio.
>
> The reason transmitted text is entered into a separate window is to
> allow editing (backspace, delete etc.) BEFORE text is committed to the
> outbound Queue which then becomes un editable. The cursor control is
> set up so that you can’t go back and edit text already sent to the

> outbound Queue (though you can Capture it to the clipboard).
>
> I am open for other ways to do this but this has been worked out
> (similar version in the old V4Chat) and generally has been well
> received by users. The one customizing feature that is asked for is
> various ways to “commit” the text to the output queue so there are now
> 4 options to select this …its really a matter of personal preference.
> I personally use the CR or double space as the “commit text” option.
>
>

3644. RE: [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update Server, Yahoo FTP and Winlink FTP sites

Yahoo group: V4Protocol
Date: 2013-11-05 14:28:11 UTC
From: Rick Muething
Topic: 3636 Message: 3644
Attachments: 2 described; binary payloads are missing from this source WARC

Ron,

Well yes I guess we do learn something every day…I have a TS-590S too and never fiddled with or knew there was a receive monitor!

I don't think the TS590S (or most HF radios) can really operate full duplex well…that is Listen to one DISTANT station on one frequency while SIMULTANEOUSLY transmitting on a DIFFERENT frequency on the same or another band. Most HF radio receivers will overload and anyway you would need two separate antennas. The H4TNC will support that full duplex operation (On FEC mode the Playback (Send) and Capture (Receive) functions are independent and can operate simultaneously) but normally it would not be used for monitoring your OWN transmission (except for testing).

If it really is a problem (with the confusing double text) I can easily put an option to suppress the full duplex function (Disable receive if PTT is active) but that should be selectable since "back-to-back audio" connections are useful for local testing and for training (e.g. Two laptops…Speaker output of each going to the mic input of the other) . I have used such kind of setups in training for WINMOR before.

ARQ is a different animal. It is much more complex to try and provide full duplex ARQ and since it is not very practical "over the air" it seems like a lot of effort and complexity for no real gain or purpose. Creating a full duplex ARQ protocol on HF is tricky (both sides would have to be both ISS (sending station) and IRS (receiving station) SIMULTANEOUSLY!)

Thanks for the feedback.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ron Wenig
Sent: Tuesday, November 05, 2013 8:05 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update Server, Yahoo FTP and Winlink FTP sites

Hi Rick,

I learn something everyday in this hobby :-)

I have a Kenwood TS-590 using the built in USB sound card. When I turn on the monitor feature of the radio, so I can hear what is being transmitted, in the text window I will get black normal text and the green Italic text, which I thought was the way the program

was designed and a little confusing because of all of the activity in the text window. I guess this is called full duplex audio. If I turn off the monitor feature then I don't get the black type just the green type. I'll have to see which one I like because it's nice to hear your transmission but turning it off will make the receive window easier to read.

73, Ron ny3j

On 11/5/2013 5:28 AM, Rick Muething wrote:

Mark, Howard,

Re Session text Box:

The concept I used in the session text box (which is always logged to the Chat <date>.log) has the full text of the QSO along with status info contained in one text window. This includes the text sent (now in Green Italic type) and the text received (in normal black type for FEC). In the log (which is not rich text to reduce log bulk) the sent and received text are indicated by keys e.g. {Rcvd FEC text} etc. This permits going back in the log and being able to read in time sequence the text (from both ends) as it was sent and received.

Unless you are using full duplex (not likely at least on HF) or just testing with full duplex audio) the sent and received text will not be the same in the Session window (e.g. Your receiver is usually blanked when the transceiver is keyed unless you have a RF monitor enabled.) If you are using an audio loop back (sound card audio out connected directly (or acoustically) to sound card audio in) you of course will see the Sent (green italic text) immediately followed by the received text (black normal text). But this is not the normal way the program is used with a radio.

The reason transmitted text is entered into a separate window is to allow editing (backspace, delete etc.) BEFORE text is committed to the outbound Queue which then becomes un editable. The cursor control is set up so that you can’t go back and edit text already sent to the outbound Queue (though you can Capture it to the clipboard).

I am open for other ways to do this but this has been worked out (similar version in the old V4Chat) and generally has been well received by users. The one customizing feature that is asked for is various ways to “commit” the text to the output queue so there are now 4 options to select this …its really a matter of personal preference. I personally use the CR or double space as the “commit text” option.

3645. Re: [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update Server, Yahoo FTP and Winlink FTP sites

Yahoo group: V4Protocol
Date: 2013-11-05 15:12:43 UTC
From: Ron Wenig
Topic: 3636 Message: 3645

Rick,

It's easier to turn off the monitor feature in the 590. It actually
makes for a quieter operation. I thought the monitor was just a local
receive function but it looks like there is feedback to the USB
connection as well. Thanks for the information, very interesting.

73, Ron ny3j

On 11/5/2013 9:28 AM, Rick Muething wrote:
>
> Ron,
>
> Well yes I guess we do learn something every day…I have a TS-590S too
> and never fiddled with or knew there was a receive monitor!
>
> I don’t think the TS590S (or most HF radios) can really operate full
> duplex well…that is Listen to one DISTANT station on one frequency
> while SIMULTANEOUSLY transmitting on a DIFFERENT frequency on the
> same or another band. Most HF radio receivers will overload and anyway
> you would need two separate antennas. The H4TNC will support that
> full duplex operation (On FEC mode the Playback (Send) and Capture
> (Receive) functions are independent and can operate simultaneously)
> but normally it would not be used for monitoring your OWN transmission
> (except for testing).
>
> If it really is a problem (with the confusing double text) I can
> easily put an option to suppress the full duplex function (Disable
> receive if PTT is active) but that should be selectable since
> “back-to-back audio” connections are useful for local testing and for
> training (e.g. Two laptops…Speaker output of each going to the mic
> input of the other) . I have used such kind of setups in training for
> WINMOR before.
>
> ARQ is a different animal. It is much more complex to try and provide
> full duplex ARQ and since it is not very practical “over the air” it
> seems like a lot of effort and complexity for no real gain or purpose.
> Creating a full duplex ARQ protocol on HF is tricky (both sides
> would have to be both ISS (sending station) and IRS (receiving
> station) SIMULTANEOUSLY!)
>
> Thanks for the feedback.
>
> 73,

>
>
> Rick KN6KB
>
>

3646. RE: [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update Server, Yahoo FTP and Winlink FTP sites

Yahoo group: V4Protocol
Date: 2013-11-05 15:42:07 UTC
From: Rick Muething
Topic: 3636 Message: 3646

Ron,

Yes I really like these radios with the built in sound cards. We have done some testing with them and the sample rate accuracy and stability of the sound cards are excellent. Also of course they are much more “RF resistant” for the audio and you can’t beat the one cable plug and play. It probably only adds a few bucks to the cost of the radio so I suspect we’ll see most of the newer HF radios including the USB interface and built in sound card. The only downside is they require some radio model specific control codes to toggle the Aux port between Internal Sound card and External AUX input. (of course this can be done by menu on the radio too if needed)

Rick KN6KB

3647. Beaconing 10123

Yahoo group: V4Protocol
Date: 2013-11-05 16:30:28 UTC
From: Don Poaps
Topic: 3647 Message: 3647

Noting much showing.

Don va7dgp

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3648. Re: [V4Protocol] Beaconing 10123

Yahoo group: V4Protocol
Date: 2013-11-05 16:46:15 UTC
From: Ron Wenig
Topic: 3647 Message: 3648

Hi Don,

KN6KB beacon very strong here in Pa. I saw WA4BDS in a QSO with W4WNT
but I didn't copy W4WNT. Also I sent a couple of beacons out. I never
get a chance to copy you Don so I guess the RF path isn't there between us.

73, Ron ny3j

On 11/5/2013 11:30 AM, Don Poaps wrote:
>
> Noting much showing.
>
>
> Don va7dgp
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>
>

3649. Re: Beaconing 10123

Yahoo group: V4Protocol
Date: 2013-11-05 16:49:08 UTC
From: Don Poaps
Topic: 3647 Message: 3649

30 m dead for me. Even my 30 APRS not picking up east coast or EU stations.
Only a few west coast via ground wave.

Don va7dgp

On Tuesday, November 5, 2013, Ron Wenig wrote:

>
>
> Hi Don,
>
> KN6KB beacon very strong here in Pa. I saw WA4BDS in a QSO with W4WNT but
> I didn't copy W4WNT. Also I sent a couple of beacons out. I never get a
> chance to copy you Don so I guess the RF path isn't there between us.
>
> 73, Ron ny3j
>
> On 11/5/2013 11:30 AM, Don Poaps wrote:
>
>
>
> Noting much showing.
>
> Don va7dgp
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
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Don Poaps
New Westminster, BC
VA7DGP

Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3650. Re: [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update Server, Yahoo FTP and Winlink FTP sites

Yahoo group: V4Protocol
Date: 2013-11-05 16:03:21 UTC
From: Don Poaps
Topic: 3636 Message: 3650

Ft 920. Still not picking up VFO data from ft 920. > USB Digital > com 3 > 4800 enable RTS check > enable DTR check. Nothing changed from previous version.

I notice that it's not going into USB digital even though in radio setup it's checked

Don va7dgp

On Tuesday, November 5, 2013, Rick Muething wrote:

>
>
> Ron,
>
>
>
> Yes I really like these radios with the built in sound cards. We have
> done some testing with them and the sample rate accuracy and stability of
> the sound cards are excellent. Also of course they are much more “RF
> resistant” for the audio and you can’t beat the one cable plug and play.
> It probably only adds a few bucks to the cost of the radio so I suspect
> we’ll see most of the newer HF radios including the USB interface and built
> in sound card. The only downside is they require some radio model specific
> control codes to toggle the Aux port between Internal Sound card and
> External AUX input. (of course this can be done by menu on the radio too if
> needed)
>
>
>
> Rick KN6KB
>
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3651. RE: [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update Server, Yahoo FTP and Winlink FTP sites

Yahoo group: V4Protocol
Date: 2013-11-05 18:30:25 UTC
From: Rick Muething
Topic: 3636 Message: 3651
Attachments: 2 described; binary payloads are missing from this source WARC

Don,

Well the Yaesu documentation is so poor it make Icom's look good (and they aren't!) I have the manual for the 920 and I thought I have the right op code and format. Is the setting frequency, setting mode and readback not working? If readback is working the frequency should show on the bottom of the waterfall of the H4TNC and follow as you move the receiver dial.

Thanks,

Rick

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Don Poaps
Sent: Tuesday, November 05, 2013 11:03 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update Server, Yahoo FTP and Winlink FTP sites

Ft 920. Still not picking up VFO data from ft 920. > USB Digital > com 3 > 4800 enable RTS check > enable DTR check. Nothing changed from previous version.

I notice that it's not going into USB digital even though in radio setup it's checked

Don va7dgp

On Tuesday, November 5, 2013, Rick Muething wrote:

Ron,

Yes I really like these radios with the built in sound cards. We have done some testing with them and the sample rate accuracy and stability of the sound cards are excellent. Also of course they are much more "RF resistant" for the audio and you can't beat the one cable plug and play. It probably only adds a few bucks to the cost of the radio so I suspect we'll see most of the newer HF radios including the USB interface and built in sound card. The only downside is they require some radio model specific control codes to toggle the Aux port between Internal Sound card and External AUX input. (of course this can be done by menu on the radio too if needed)

Rick KN6KB

--

Don Poaps

New Westminster, BC

VA7DGP

Satern Member

Vector Member

Surrey Amateur Radio

Metrotown Salvation Army Community Church Member

3652. Beacon 0.1.7.0 10.123

Yahoo group: V4Protocol
Date: 2013-11-05 18:33:38 UTC
From: <kirk.harding@...>
Topic: 3652 Message: 3652

Beacon running at 5 min intervals. Copy KN6KB loud here in NW Florida

3653. Re: [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update Server, Yahoo FTP and Winlink FTP sites

Yahoo group: V4Protocol
Date: 2013-11-05 19:27:55 UTC
From: David Michael Gaytko // WD4KPD
Topic: 3636 Message: 3653

hello rick....

same problems here with ft920. there be no response from the rig to the inquires. the "cat" let on the rig is not blinking as it should when a connection has been made to a program. i would ask you to check in the guts to see if the number of stop bits is set to "2".

fldigi/dxlab commander and many other programs do work fine.

david/wd4kpd

On 11/5/2013 6:30 PM, Rick Muething wrote:
>
>
> Don,
>
> Well the Yaesu documentation is so poor it make Icom?s look good (and
> they aren?t!) I have the manual for the 920 and I thought I have the
> right op code and format. Is the setting frequency, setting mode and
> readback not working? If readback is working the frequency should show
> on the bottom of the waterfall of the H4TNC and follow as you move the
> receiver dial.
>
> Thanks,
>
> Rick
>
> *From:*V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
> *On Behalf Of *Don Poaps
> *Sent:* Tuesday, November 05, 2013 11:03 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Chat 0.1.7.0 Beta uploaded to Auto Update
> Server, Yahoo FTP and Winlink FTP sites
>
> Ft 920. Still not picking up VFO data from ft 920. > USB Digital > com 3
> > > 4800 enable RTS check > enable DTR check. Nothing changed from
> previous version.
>
> I notice that it's not going into USB digital even though in radio
> setup it's checked
>
> Don va7dgp
>
> On Tuesday, November 5, 2013, Rick Muething wrote:
>

> Ron,
>
> Yes I really like these radios with the built in sound cards. We have
> done some testing with them and the sample rate accuracy and stability
> of the sound cards are excellent. Also of course they are much more ?RF
> resistant? for the audio and you can?t beat the one cable plug and
> play. It probably only adds a few bucks to the cost of the radio so I
> suspect we?ll see most of the newer HF radios including the USB
> interface and built in sound card. The only downside is they require
> some radio model specific control codes to toggle the Aux port between
> Internal Sound card and External AUX input. (of course this can be done
> by menu on the radio too if needed)
>
> Rick KN6KB
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>
>
> --
>
> Don Poaps
>
> New Westminster, BC
>
> VA7DGP
>
> Satern Member
>
> Vector Member
>
> Surrey Amateur Radio
>
> Metrotown Salvation Army Community Church Member
>
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--
-- But when a long train of abuses and usurpations, pursuing invariably
the same Object evinces a design to reduce them under absolute
Despotism, it is their right, it is their duty, to throw off such
Government, and to provide new Guards for their future security. --

3654. Beacon on 10123

Yahoo group: V4Protocol
Date: 2013-11-05 21:46:56 UTC
From: <ve7dfj@...>
Topic: 3654 Message: 3654

Beacon on 10123 from Victoria BC

Rick I have a Yaesu FT 817 ND and rig control and freq readout work here.

Jack VE7DFJ

3655. KN6KB Beaconing H4 on 28.230.00 USB dial

Yahoo group: V4Protocol
Date: 2013-11-06 13:30:36 UTC
From: Rick Muething
Topic: 3655 Message: 3655

All,

I'll leave the beacon on most of the daylight here in Florida. Will look for CQs and calls if at the desk.

Working on radio control issues for the FT 920 Ugh!...have you ever looked at the Yaesu documentation?

73,

Rick KN6KB

3656. Re: [V4Protocol] KN6KB Beaconing H4 on 28.230.00 USB dial

Yahoo group: V4Protocol
Date: 2013-11-06 13:47:08 UTC
From: Fred Garside
Topic: 3655 Message: 3656

Keep up the good work Rick. That's the radio I have.

Fred, W1WYC
?
?
?
On 11/06/13, Rick Muething wrote:
?
?

All,
?
I'll leave the beacon on most of the daylight here in Florida.? Will look for CQs and calls if at the desk.
?
Working on radio control issues for the FT 920 Ugh!...have you ever looked at the Yaesu documentation?
?
73,

Rick KN6KB

3657. Re: [V4Protocol] KN6KB Beaconing H4 on 28.230.00 USB dial

Yahoo group: V4Protocol
Date: 2013-11-06 15:26:42 UTC
From: Don Poaps
Topic: 3655 Message: 3657

The radio belongs to the store owner. I do this between answering phone, shipping ham products etc. as well as showing how RMS and other software works with Soundcard.

At this point the answer is no. It's the same set up as RMS express.

Don va7dgp

On Wednesday, November 6, 2013, Fred Garside wrote:

>
>
> Keep up the good work Rick. That's the radio I have.
>
> Fred, W1WYC
>
>
>
> On 11/06/13, Rick Muething<rmuething@... <javascript:_e({},
> 'cvml', 'rmuething@...');>> wrote:
>
>
>
> All,
>
>
>
> I'll leave the beacon on most of the daylight here in Florida. Will look
> for CQs and calls if at the desk.
>
>
>
> Working on radio control issues for the FT 920 Ugh!...have you ever looked
> at the Yaesu documentation?
>
>
>
> 73,
>
>
>
> Rick KN6KB
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3658. Re: [V4Protocol] KN6KB Beaconing H4 on 28.230.00 USB dial

Yahoo group: V4Protocol
Date: 2013-11-06 17:41:26 UTC
From: wb0kgn@...
Topic: 3655 Message: 3658

----- Original Message -----
From: "Fred Garside" <fred.garside1@verizon.net>
To: V4Protocol@yahoogroups.com
Sent: Wednesday, November 6, 2013 7:47:08 AM
Subject: Re: [V4Protocol] KN6KB Beaconing H4 on 28.230.00 USB dial

Keep up the good work Rick. That's the radio I have.

Fred, W1WYC

On 11/06/13, Rick Muething<rmuething@...> wrote:

All,

I'll leave the beacon on most of the daylight here in Florida. Will look for CQs and calls if at the desk.

Working on radio control issues for the FT 920 Ugh!...have you ever looked at the Yaesu documentation?

73,

Rick KN6KB

3659. Re: [V4Protocol] KN6KB Beaconing H4 on 28.230.00 USB dial

Yahoo group: V4Protocol
Date: 2013-11-06 17:52:43 UTC
From: Don Poaps
Topic: 3655 Message: 3659

I'm not what your using but I get is machine language.
How I do is. CRTL Print screen, open up paint. CRTL V and paste to paint.
Save as a JPEG and file attach to message.

Don va7dgp

On Wednesday, November 6, 2013, wrote:

>
>
>
> <img
> src="
3Tc5pm3PXt23z3v2U120/fdJF/ibOJsmm05cYkl23Hi2IljWzYtybZkNavaKqR6p0RREkWREovYSZFi772KRewUi9g
5Yi+ixN57J+f7A5gZAANgMOQMMeT8cK6TE80AGOAGhsY19/3cj2StcQAAAAAAAAAALDqkYh+BAAAAAAAAAAwDIAA
QYAAAAAAAAAYBBAgAEAAAAAAAAAGAQQYAAAAAAAAAAABgEEGAAAAAAAAACAQQABBgAAAAAAAABgEECAAQAAAAAAAAA
YBBBgAAAAAAAAAAAGAQQYAAAAAAAAAIBBAAEGAAAAAAAAAGAQQIABAAAAAAAAAABgEognwNe9UC5+0a96pi8MqMPvzs
84v73URPYIAAAAAAAAAAFYEognwdZ805+iHjpGFi8AhosA5utjaP+2t3RavfuUpehABAAAAAAAAAOg/YgqwZ1KlZ2K
FCpWeSRV3EjnxTKxwjy9ziyt1iCi08s/42MTulX1ua40D1hr7ix5NAAAAAAAAAAB6i8gCfCehXBUPfuLLXGNLXGKKX
eNKzjtFW/lnbDrhKHdgAAAAAAAAAACAHb0TYDX2m1DmkVDmHl/mGlvimVR55naElX+GfWje+sM2GA8MAAAAAAAAAIA
HPRJgIerrkVDmEV/mEV/mHl9GCLBtSK5DRIFtSO6nJxxf3uMsekABAAAAAAAAAOgn+iLAguw3ngYhwM7RD+8kVjhEF
NwOz998yunlPU4YDAwAAAAAAAAQBW9EGAu73WNK7YPL3CIzHeNe+gWV+quIsCn7cOdo8m3nKKKHCIKPj3h8NJuR9H
DCgAAAAAAAABA3xBfgLns1z2+7HpgxkFrvwM3fA9b+59yDD/vEn3xTtz1gFTb8Gyb0FynmMJzTpGmLjFXPO9d9kg0c
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>
>

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Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3660. AW: [V4Protocol] KN6KB Beaconing H4 on 28.230.00 USB dial

Yahoo group: V4Protocol
Date: 2013-11-06 18:31:30 UTC
From: siegfried jackstien
Topic: 3655 Message: 3660

I use "hardcopy" ... a software that does all what is needed for "screen-grabbing"

You can either select a window ... or whole screen ... or draw a rectangle with the mouse

and has dozens of other functions also (like you have in paint or similar software)

dg9bfc

sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Don Poaps
> Gesendet: Mittwoch, 6. November 2013 17:53
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] KN6KB Beaconing H4 on 28.230.00 USB dial
>
>
>
> I'm not what your using but I get is machine language.
> How I do is. CRTL Print screen, open up paint. CRTL V and paste to paint.
> Save as a JPEG and file attach to message.
>
> Don va7dgp
>
> On Wednesday, November 6, 2013, wrote:
>
>
>
>
>
>
>
>
>
> <img
> src="
> gAElEQVR4nOy9d3Tc5pm3PXt3z2U120/fdJF/ibOJsmm05cYkl23Hi2IljWzYtybZkNavaK
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> --
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> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
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3661. RE: [V4Protocol] KN6KB Beaconing H4 on 28.230.00 USB dial

Yahoo group: V4Protocol
Date: 2013-11-06 19:25:18 UTC
From: Rick Muething
Topic: 3655 Message: 3661
Attachments: 2 described; binary payloads are missing from this source WARC

Sigi, all,

Windows 7 (and 8 too I think) already has a built in free ☐snipping tool☐ that will capture images etc. It is what I use to capture all the screen images, pictures etc. for the Chat and H4TNC Help. [Start, All programs, Accessories, Snipping tool]

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of siegfried jackstien
Sent: Wednesday, November 06, 2013 1:32 PM
To: V4Protocol@yahoogroups.com
Subject: AW: [V4Protocol] KN6KB Beaconing H4 on 28.230.00 USB dial

I use "hardcopy" ... a software that does all what is needed for "screen-grabbing"

You can either select a window ... or whole screen ... or draw a rectangle with the mouse

and has dozens of other functions also (like you have in paint or similar software)

dg9bfc

sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Don Poaps
> Gesendet: Mittwoch, 6. November 2013 17:53
> An: V4Protocol@yahoogroups.com
> Betreff: Re: [V4Protocol] KN6KB Beaconing H4 on 28.230.00 USB dial
>
>
>
> I'm not what your using but I get is machine language.
> How I do is. CRTL Print screen, open up paint. CRTL V and paste to paint.
> Save as a JPEG and file attach to message.
>
> Don va7dgp
>
> On Wednesday, November 6, 2013, wrote:
>
>

>
>
>
>
>
>
> <img
> src="
> gAElEQVR4nOy9d3Tc5pm3PXt23z3v2U120/fdJF/ibOJsmm05cYkl23Hi2IljWzYtybZkNavaK
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> Htct5398atnf6zMBve4btc0A2z6s9cv/uyqPB3WmrX+zUv/sztLXmjb67FHfQm0UZDclvOiBHW
> B/jq3hdyg9hxNgGUZVvIS6IPygmdZn9chLZZA93sf8fEh5azfx44mwFsjyG1lhYmCukAvqwDfV
> 5SZ57lxdIHWsgDHhBKJz7Js5jRId8mwFdz1+9CCcN1WG7IV1nD4dWUHLGIAsKAmWJoIsHKRFtC
> 6QCvqn3tqzpyJ3Hwm0pExoJ6ZAR6JuX1f3i5rJDaES4Dj5FXQnW4QYAgwBBgCDIDOgAADANSzp
> BLoM8Q/uxw2EI2gNRbg7zx39K9eXWzvM0ugaW9tVjMN0t99ulU3I8cAm8mf6LOCFWOAj8nbEKe
> aLUqAd8mNtzVr/ZuX1ivSv7lhQsYACxRgYkgwfWEIcN15+RjgTYr0b36MVscA93sfufWSrSLT2
> 79SBHiPIv3bWbqXaxokLQtwFpmPVxVgC3IYcFty3IeEDHdVmRwix/22JcfLO2CRA4D5m2CRY4A
> XJ8Dy+uclCHD01hB52rhnBAIMAYYAQ4ABEBEIMABAPUsRYLL4mWvJ8OEvgVaZB9ifMr+RrPHuT
> ZoAZwZQZLjKROg8wEEplH02+dop6p+bfO0VAvwP+YvNvvZaFODmQCdBTbDUl0BHcURavQA/DvH
> UvgB/bMMcEqznJdCmpYoS8jw37nmAl02AD8qHAXdWhhFfqfKc9Yfkg4Ercm0I3e2qMjFmCrBiD
> PAnR/IUHccK/TQU4KqC20oZbnNQWwJtX0OaLasAn492ZgwJhgBDgCHAEGAAxAACDABQj4gC/N3
> zlY1e1hQBPvbd54/91UuevM30V+kCTZkBOCuQqwlWk7ctRYBP//Dl03/3kQ/6zQpezgywUAFW1
> wRLmft9EP3rd6/95t1oeVBFE2Dl6F9iWbYmWIsSYAv5XLSyjtK9O7kFWMtNsLhLoA8qhwG3dcp
> kMlmBt//6Q/5k5XNXawE5sCD3Iz4BDrKTd5FrS72ncROsk5QZgKUFappgqRPgrYrRv8QCAYYAQ
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> JpizTIH3/8zRFj6umuzbcXaDJFtD//dLp/35ZmQRONdNoDLAszXwxAkwZA1x9ShvTIJ19QL7XE
> uwhUIApY4DrzutCgI3oSWBdTYOUnCO/2lcFCXCqfOLfZguFACvTv4NBpu5/oQmwYmBwi6UOpkH
> iaoL1wUHlMGCZTCaTDYVb+K8/5L/eooo6kW+BTwCfAFtJFSsX+i1mGqTPbKvl4Ze1309hmQRYW
> ihUgC/EuFCTwGiCBQGGAEOAARADAQJMnz4XAgyAAaIHAsy2ZPqrdIE+8f01J35Amwq423kLzzR
> IKktWsLAu0Ofe92NfQagAv+nkwdEmmkuAf/kXtzusfZ5lspZg919Z1nLsjluA3/P0esqxkZYEm
> JYElgvwKxt8fdtYPlPGLsC3Xzv5kC1UA/6nHdexCrDKNEjk0lGyh12AwwIVqcmS+3/ZwS/AlCQ
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> v3LJsCnqFMBj0TbRbA4MGPhFuBt1CQwpkGCAEOAIcAAiIE6Ae5qze6iJYEhwAAYICIK8Hd+d/S

> 7z/lRx/3KZDKZrNvpM9ZpkEgB/v6Lt5weK1cmHJg+BjgwhbnPHpetymmQ1M0DfO4nr50/Li+Kl
> rVmvq9pBvjNS7+gOXCvxzU1GWCC/71eI6MtfZ77ySZY1A5YLcG58qDyCLDlczQH7ve6qeUM8Et
> GNl9Qul7JBdj2lQ12r9g3yGhLv+9xtjHAn95+7VOHtZ8lZ9NWbjT/3HHd59oR4D2xA/I1BoNM3
> dUL8K477+xKf0DbdcuNPZ7v7lmMAP/jagV5BcqymQKsGAYsIwcAE9goRLerysRYvQAX+sm7QB8
> N3nAsZMOx/ELa+0/tjxP2yy7An51KiVY2jFM68OYzqTEqvwJ1ZNxnmQZJIcAXYs5nys2ZLsDy+
> ueROKc4CDAEGAIMAQZAd6gV4KodPq3UJDBTgH0ov8vLXzdn/jeYMENc2PMAACAASURBVOFc+uM
> LLbFMgXW1eL8umawidwfZ9FJGsWvyLfmRyF9nOzCWY6MXeAMAWOESYIJ/f/YAYb+EAH/jlwe/8
> ctD3/jloW+Q9ssQ4MP/8Wvj/1TwG+P//I3Jtwh+a/Kt36ptgnVMdR7g7xOsOf79NaQA/+DFE/z
> TINGbYJ1WnQf4R6+c/dErZ39EDgA+++NXz/34j3L7lQswydrzP1l7/qdrL/x07YWfrrvw03UXn
> ll34Zl1ps+sM33mddOfkVz82RsXf/bGxf8hePPS/7x56ecEf7pEjgH+k9kv3iK4/Oxb3AIs74C
> lZhokEovf/M3it0rk6qsUYDlECTTB+zdeeP/GC9wC/OKH1i+ut35x/c3fE8gF+A8f3frDxyQKA
> X7JyOZlIxtCfWkCvMFOUBdoUoCVrCPUVynAnGOA3/zC+c0vXN7c6vLmVqHzAP9lh6oA08cAkwJ
> 8553ddxRNsN7dQ7AoAf5aUQU9FHqNIcB+H5L4fyi33/WH/NcfDvhIAUWAPzYJ/Ngk0MgkyMhEO
> Qb4kyOk/VIEOGTDsRBFE6yNx0M3UQR404mwT08qCFdMgKTsAn1aIcARm3nnAf7iXPQX56O3Krg
> Qs02Bacw2wn4JAQ6TJ4arS3ZcggBDgCHAEGAAdIgAAVYYpnHAWroA70gepnisYn35arQMcG62j
> JlJzvZR/VCu1ch67NbkeJXPYhmrzHdgPrk8HwcAYAUCDAGGAOtOgN//Okte1dx6yxAFWD76V9b
> peikOAgwBhgBDgAHQKUIEmMimkj6pFGDLqlalkQaslb9CaC1TgH1aZTJW46XDuRpNwulrqrzFe
> 2AMBFZ0A2DgQIAhwBBgXQqwz/teiqolwoENRoAd6+XJ35E4x7gdEGAIMAQYAgyAjhEmwBTJVBo
> jvTR6rXEAkVAlzJMpwJZVrXxlz2pX47FcVjfmPDD5CqoV2gAATiDAEGAIsG4F+Gtf1WmQDEKAK
> dMg7bgIAYYAQ4AhwADoHIECTAjnsJ+lUoApw3HpNskqwMYq2smVd2VfTQMB5j0wcoCxIhuMZl0
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> YYAAyAECDAEGAIMAYYAQ4AhwBBg0R9IAFg6GgiwvD6ZNgaYa1ivyhjgKtWaZJbuU5yr8Vguuxu
> zHpiqG0OAARACBBgCDAGGAEOAIcAQYAiw6A8kACwdTQRYMYcQrdUz0ydJ82QMxGV0t+JqdsW5G
> t1yCRUn/6kiwDwHRu+PJS+WJgWY+CfjXa5/AmBQQIAhwBBgCDAEGAIMAYYAi/5AAsDS0UyASfP
> kmgdYxpzBiNplij40l7N2mmM1+VxHLB/EIsB8B0Z9vSKXmgGGAAPABQQYAgwBhgBDgCHAEGAIs
> OgPJAAsHR4B1is4LBcAsCxAgCHAEGAIMAQYAgwBhgCL/kACwNKBAAMA1AMBhgBDgCHAEGAIMAQ
> YAiz6AwkASwcCDABQD0OAAQAAAGBQQIDBqmGlCDAAQEykEGAAAADAgIEAg1UDBBgAoB4pBBgAA
> AAwYCDAYNUAAQYAqEcKAQYAAAAMGAgwWDVAgAEA6pFyC3Bg0RAAAAAAhCO6zUKAgSEDAQYAqAc
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> FAPBBgAAADQFqLbLAQYGDIQYACAeiDAAAAAgLYQ3WYhwMCQgQADANQDAQYAAAC0heg2CwEGhgw
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> AwZCDAAQD0QYAAAAEBbiG6zEGBgyECAAQDqgQADAAAA2kJ0m4UAA0MGAgwAUI9eC7D9TolE8ra
> 92IfBi+2xV9Qf5Eo4EQMFlwYAoFVEt1kIMDBkIMAAAPXoRIAjrz8rkTx7rJTlLY18Q0Q5EXwK+
> inAxFGxL89dt13+eC7hyHUbN6GXJuxtZhx3nioaOmUkkUhe2RbJvluW+yfy+rMSicQo7JQRZU9
> GYcq3mAvbznUWdvYbXoPrwhMl5cmynDt1c+IVYdeF67D57/9t3MFn/UTbY69odiHY/npw3iraR
> eUuYjkj1TtN4N8EITvXb2g3hs7+EopusxBgYMhAgAEA6oEA6/YURD+RotJtz2nzUe+Uke4eHAl
> 92nmK8qLtsVdEF2BC2Og3Q+m253aeKuIUXfI5WyVQtJ9LGB/NdsvJn9dpMdFR5J997hWODxJ0X
> fiipHqybGE/ZUTxYUFfGf7DVhwD2x3LFnyuUAsVYPudVDlUvSt0+d2RnykjaMR5MT408vqztNV
> Yru/id67H0H+DCHtbZwcvus1CgIEhAwEGAKgHAqzbUxD9RLQswFrWaSrLlCLT8NKoOyrWx+jSb
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> GUnooUEMBftuevGRc+X8d/R3gvgQqt6jqYSz+W6BDjdQyqmfN80d+aYhusxBgYMhAgAEA6oEA6
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> CWYFlb0IuDf2z1N1gKnuwPUYU5dJ1t0hFFYQLsG5/HQh7W34YrKan9rosJkrMoCmPgSuqmh62m
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> gYMhAgAEA6hFbgFmezDgNgfCH516hPMforDp08QJMPIQpnyYVxiX0rLUMlzvxHQPDeU4dU2yuS
> xPjbUSk9phV46xibkIujcrHcaYW6YetXE0ZIsbjNVMzNBBgXT2pByp1XXnKzGNQc12ERYn/W6O
> qheoEWP1hq1wOvuOhBl8lpalNAeZ7a9Gor0Om3T8MAVaTwtVs5wIMVu1fnkVvziPA7Hep5ldWE
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> uC5WVbYTZewhxx42lITCLIau5NCz3gPpbixETiuHQ7g2V0GkiwDp6UlfNjHHU6HJfF4FR4hVg2
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> e1ZlrqJMBFSPQwBrkL7aGoyk3oXqd5RGmeAdSDAGvVDYr0u2hBglq8w/zdCg8NejAAz0oxaFWC
> V0c5aQKCjcmSA+X8G0nDn6gxWzbd4iZtzwvHlggBDgMHqAwIMAFCPmALMnWXVWIC1nj5dpABzP
> CxqdNZahk0AhEVeIlE1h2VsVcWovFV3zOoEWMClYSKsuJd+t9DvRkq42Psei1wCzbZbdWfNrIj
> WQgm0pgKsyWEvToBphcGMW4s5GJ4jYb7cArzoEmhFlHiKh7VVAq3uW7zEzdWECCXQEGBgAECAA
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> G96XOPDpq+/SAGWu72RFgVYF12gFWFhPUiVsHCVQHN+rzXYuerXkNGdTtNvsUab86F6R7H9EKA
> VRLdZCDAwZCDAAAD1iCvA8jFdlAeayOvPKp71WQWYumdic1342OKnQWLOzKQoJBZ61lqG49GW7
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> VUpRlW0YZOobivwsDnvf67gs3/fyesiwFq5WjQJmq5JSzDjxnbYLMcp7O8Pc0OOmFBXe+66LUt
> sef/6LX5z9ZUI1Euvu0YMotssBBgYMhBgAIB6dCLAuny2002rZACAqOgwNao/hL29Ov6C6aosf
> 5Ugus1CgIEhAwEGAKgHAgwA0Ad00B5Zv9B5+ncZYQzNBVREt1kIMDBkIMAAAPVAgAEA+sEyN0h
> fVgSMs11hwIG5EN1mIcDAkIEAAwDUAwEGAACwGCjjdWHCCkS3WQgwMGQgwAAA9UCAAQAAAG0hu
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> T3wCooLsPYJMbYJ+MQ04I0j4kdkBYGQIqTLhhQCvFpYHc9hAABVRJc6IBzR75ZFAAEGq4blFeC
> c4IXRhLnhuPqCC6WpX9U+MH5SeqSn5vRAo9lwq+1gq1vf4zvS8qD4jEi3sPCLrkFbzf3/cixI9
> BjpLQgpQrpsSCHAq4XV8RwGAFBFdKkDwhH9blkEEGCwaljWMcDpOYELo/ELo5ELE6ltVTbFSXu
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> FtIbLRhYX1fEVhAADAIC+AAEWnaioOIL29i7F/xf+z5u3bl+5ekP0s9AHllWA
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> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
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3662. 28.230

Yahoo group: V4Protocol
Date: 2013-11-09 15:26:32 UTC
From: Don Poaps
Topic: 3662 Message: 3662

Stores closed for Remembrance Day to get a long weekend. I get to play with
my own setup. QRV off and in through out the day.

28230

73

Don va7dgp

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3663. Question

Yahoo group: V4Protocol
Date: 2013-11-10 20:49:39 UTC
From: David Boland
Topic: 2196 Message: 3663

Is there a way to send formated traffic on Chat so it
will send as a formated file and not run together
looking as a possible method to send in state
traffic on a MARS net

Program works great
Dave W9NWY/ NNN0ZTT

3664. RE: 28.230

Yahoo group: V4Protocol
Date: 2013-11-14 18:11:05 UTC
From: <va7dgp@...>
Topic: 3662 Message: 3664

Do we have stations still monitoring??

---In v4protocol@yahoogroups.com, <va7dgp@...> wrote:

Stores closed for Remembrance Day to get a long weekend. I get to play with my own setup. QRV off and in through out the day.

28230

73

Don va7dgp

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3665. I'm looking for a contact on 10.123 USB

Yahoo group: V4Protocol
Date: 2013-11-18 10:47:42 UTC
From: <vk2icq@...>
Topic: 3665 Message: 3665

Hi,

Just installed V4 and now looking for contacts on 30m.

Cheers,

Dave

3666. Test update of Chat version 0.1.7.2 and H4TNC ver 0.1.7.3 on Test Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-11-18 22:23:59 UTC
From: Rick Muething
Topic: 3666 Message: 3666

All,

Thanks to some very worthwhile feedback from Dave W9NWY I located and fixed some important issues that were causing formatting problems (problems in the Session window display) especially when sending formatted text files. I also included the acceptance of Tab characters in the session window.

I am still doing some testing and refinements but you can evaluate this test version by doing the following:

Shut down Chat and The H4TNC.

Go into the Chat directory and bring up Chat.ini with notepad or a basic text editor.

Add the following line (as a separate line) to the [Main] section:

Test Autoupdate=True

Save the Chat.ini file and restart Chat. After a few minutes it should prompt and download the updates if you are running Chat 0.1.7.0 or later.

I hope to come out with a new full release in the next few days.

Still working on ARQ .just too many irons in the fire!

73,

Rick Muething, KN6KB

Chat Revision History

Date: Rev Change Summary

Nov 18, 2013 0.1.7.2 Remove Trim of strFileData in mnuPasteAndSend.click to accomodate leading/trailing CR/LF in user text files.

Add code to correctly
save/recall Horizontal and Vertical Splitters to INI file.

Nov 7, 2013 0.1.7.1 Add intTrace statements to H4FSKInterface.ProcessCapturedData to locate rare overflow.

Nov 4, 2013 0.1.7.0 Beta release of 0.1.6.1

H4FSK TNC Revision History

Date: Rev Change Summary

Nov 18. 2013 0.1.7.3 Add back Backspace(8),
HorzTab(9), Cr(13),and LF(10) into passed characters in
H4FECDemod.ProcessNewSamples

Nov 9, 2013 0.1.7.2 Modify
H4FECDemod.ProcessNewSamples to add AndAlso intCharCount > 0 to avoid rare
overflow by devide by 0.

Nov 6, 2013 0.1.7.1 Modify H4FSKInterface.Load to
handle safe position restore to any screen/location (for multiple screen
installations)

Add
Try/Catch to H4FECDemod.MixDecode8BitCharacter to track down rare overflow

Add
Try/Catch to H4FECDemod.TrackTwoTone62BmMix to track down rare overflow

Add
Try/Catch to H4FECDemod.SearchForTwoTone62B3G to track down rare overflow

Nov 4, 2013 0.1.7.0 Beta release if 0.1.6.1

3667. RE: 28.230

Yahoo group: V4Protocol
Date: 2013-11-19 01:34:17 UTC
From: <vk2icq@...>
Topic: 3662 Message: 3667

I am putting out some CQ's on 28230 today while i'm off work. So far I've heard no activity.

---In v4protocol@yahoogroups.com, <va7dgp@...> wrote:

Do we have stations still monitoring??

---In v4protocol@yahoogroups.com, <va7dgp@...> wrote:

Stores closed for Remembrance Day to get a long weekend. I get to play with my own setup. QRV off and in through out the day.

28230

73

Don va7dgp

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3668. RE: [V4Protocol] Test update of Chat version 0.1.7.2 and H4TNC ver 0.1.7.3 on Test Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-11-18 23:24:41 UTC
From: Eugene Morgan
Topic: 3666 Message: 3668
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Rick,

I have updated the software to version Chat 0.1.7.2 - but I have not done a thorough test yet - getting near my bedtime!

I followed your instructions and inserted the line in the Chat.ini file. Also noted that there was already a line in the Main menu which said "Test Autoupdate=False - and saved the file.

On opening Chat again I got a " .NET error". I closed Chat and opened the Chat.ini file again and deleted my previous "=True" line and changed the original line from "=False" to =True and saved the file.

I opened up Chat again and waited - the auto update cut in and Chat opened up as normal. I just checked that the CAT system was running OK - that is the only test I did, will test again in the morning.

Hope this makes sense, Rick.

Eugene / G4AIU

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: 18 November 2013 22:24
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Test update of Chat version 0.1.7.2 and H4TNC ver 0.1.7.3 on Test Autoupdate server.

All,

Thanks to some very worthwhile feedback from Dave W9NWY I located and fixed some important issues that were causing formatting problems (problems in the Session window display) especially when sending formatted text files. I also included the acceptance of Tab characters in the session window.

I am still doing some testing and refinements but you can evaluate this test version by doing the following:

Shut down Chat and The H4TNC.

Go into the Chat directory and bring up Chat.ini with notepad or a basic text editor.

Add the following line (as a separate line) to the [Main] section:

Test Autoupdate=True

Save the Chat.ini file and restart Chat. After a few minutes it should prompt and download the updates if you are running Chat 0.1.7.0 or later.

I hope to come out with a new full release in the next few days.

Still working on ARQ .just too many irons in the fire!

73,

Rick Muething, KN6KB

Chat Revision History

Date: &nbs p; Rev Change Summary

Nov 18, 2013 0.1.7.2 Remove Trim of strFileData in mnuPasteAndSend.click to accomodate leading/trailing CR/LF in user text files.

Add code to correctly
save/recall Horizontal and Vertical Splitters to INI file.

Nov 7, 2013 0.1.7.1 Add intTrace statements to H4FSKInterface.ProcessCapturedData to locate rare overflow.< /p>

Nov 4, 2013 0.1.7.0 Beta release of 0.1.6.1

H4FSK TNC Revision History

Date: Rev Change Summary

Nov 18. 2013 0.1.7.3 Add back Backspace(8), HorzTab(9), Cr(13),and LF(10) into passed characters in H4FECDemod.ProcessNewSamples

Nov 9, 2013 0.1.7.2 Modify
H4FECDemod.ProcessNewSamples to add AndAlso intCharCount > 0 to avoid rare overflow by devide by 0.

Nov 6, 2013 0.1.7.1 Modify H4FSKInterface.Load to
handle safe position restore to any screen/location (for multiple screen installations)

&n bsp; Add
Try/Catch to H4FECDemod.MixDecode8BitCharacter to track down rare overflow

Add
Try/Catch to H4FECDemod.TrackTwoTone62BmMix to track down rare overflow

& nbsp; Add
Try/Catch to H4FECDemod.SearchForTwoTone62B3G to track down rare overflow

Nov 4, 2013 0.1.7.0 Beta release if 0.1.6.1

3669. Re: 28.230

Yahoo group: V4Protocol
Date: 2013-11-19 06:23:42 UTC
From: Don Poaps
Topic: 3662 Message: 3669

What time utc.

Don va7dgp

On Monday, November 18, 2013, wrote:

>
>
> I am putting out some CQ's on 28230 today while i'm off work. So far I've
> heard no activity.
>
>
>
>
> ---In v4protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'v4protocol@yahoogroups.com');>, <va7dgp@...> wrote:
>
> Do we have stations still monitoring??
>
>
> ---In v4protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'v4protocol@yahoogroups.com');>, <va7dgp@...> wrote:
>
> Stores closed for Remembrance Day to get a long weekend. I get to play
> with my own setup. QRV off and in through out the day.
>
> 28230
>
> 73
>
> Don va7dgp
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Surrey Amateur Radio
> Metrotown Salvation Army Community Church Member
>
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3670. RE: [V4Protocol] Test update of Chat version 0.1.7.2 and H4TNC ver 0.1.7.3 on Test Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-11-19 11:48:06 UTC
From: Rick Muething
Topic: 3666 Message: 3670
Attachments: 2 described; binary payloads are missing from this source WARC

Eugene,

You should only have one "Auto Update= " line. If it is True it will test the test auto update server. Once a download is done it will change the line to false. This is only for test updates.there is no need to do anything for normal auto updates they don't check the ini file.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Eugene Morgan
Sent: Monday, November 18, 2013 6:25 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Test update of Chat version 0.1.7.2 and H4TNC ver 0.1.7.3 on Test Autoupdate server.

Hi Rick,

I have updated the software to version Chat 0.1.7.2 - but I have not done a thorough test yet - getting near my bedtime!

I followed your instructions and inserted the line in the Chat.ini file. Also noted that there was already a line in the Main menu which said "Test Autoupdate=False - and saved the file.

On opening Chat again I got a " .NET error". I closed Chat and opened the Chat.ini file again and deleted my previous "=True" line and changed the original line from "=False" to =True and saved the file.

I opened up Chat again and waited - the auto update cut in and Chat opened up as normal. I just checked that the CAT system was running OK - that is the only test I did, will test again in the morning.

Hope this makes sense, Rick.

Eugene / G4AIU

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: 18 November 2013 22:24
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Test update of Chat version 0.1.7.2 and H4TNC ver 0.1.7.3 on Test Autoupdate server.

All,

Thanks to some very worthwhile feedback from Dave W9NWY I located and fixed some important issues that were causing formatting problems (problems in the Session window display) especially when sending formatted text files. I also included the acceptance of Tab characters in the session window.

I am still doing some testing and refinements but you can evaluate this test version by doing the following:

Shut down Chat and The H4TNC.

Go into the Chat directory and bring up Chat.ini with notepad or a basic text editor.

Add the following line (as a separate line) to the [Main] section:

Test Autoupdate=True

Save the Chat.ini file and restart Chat. After a few minutes it should prompt and download the updates if you are running Chat 0.1.7.0 or later.

I hope to come out with a new full release in the next few days.

Still working on ARQ .just too many irons in the fire!

73,

Rick Muething, KN6KB

Chat Revision History

Date: &nbs p; Rev Change Summary

Nov 18, 2013 0.1.7.2 Remove Trim of strFileData in mnuPasteAndSend.click to accomodate leading/trailing CR/LF in user text files.

Add code to correctly
save/recall Horizontal and Vertical Splitters to INI file.

Nov 7, 2013 0.1.7.1 Add intTrace statements to H4FSKInterface.ProcessCapturedData to locate rare overflow.< /p>

Nov 4, 2013 0.1.7.0 Beta release of 0.1.6.1

H4FSK TNC Revision History

Date: Rev Change Summary

Nov 18. 2013 0.1.7.3 Add back Backspace(8), HorzTab(9), Cr(13),and LF(10) into passed characters in H4FECDemod.ProcessNewSamples

Nov 9, 2013 0.1.7.2 Modify H4FECDemod.ProcessNewSamples to add AndAlso intCharCount > 0 to avoid rare overflow by devide by 0.

Nov 6, 2013 0.1.7.1 Modify H4FSKInterface.Load to
handle safe position restore to any screen/location (for multiple screen
installations)

&n bsp; Add
Try/Catch to H4FECDemod.MixDecode8BitCharacter to track down rare overflow

Add
Try/Catch to H4FECDemod.TrackTwoTone62BmMix to track down rare overflow

& nbsp; Add
Try/Catch to H4FECDemod.SearchForTwoTone62B3G to track down rare overflow

Nov 4, 2013 0.1.7.0 Beta release if 0.1.6.1

3671. RE: [V4Protocol] Test update of Chat version 0.1.7.2 and H4TNC ver 0.1.7.3 on Test Autoupdate server.

Yahoo group: V4Protocol
Date: 2013-11-19 12:07:18 UTC
From: Eugene Morgan
Topic: 3666 Message: 3671

Hi Rick,

Appreciate the info, will bear that in mind - I am not a software person.
Many thanks for the program and I look forward to the ARQ version.

Regards

Eugene / G4AIU

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
Behalf Of Rick Muething
Sent: 19 November 2013 11:48
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Test update of Chat version 0.1.7.2 and H4TNC ver
0.1.7.3 on Test Autoupdate server.

Eugene,

You should only have one "Auto Update= " line. If it is True it will test
the test auto update server. Once a download is done it will change the
line to false. This is only for test updates.there is no need to do
anything for normal auto updates they don't check the ini file.

Rick KN6KB

3672. Chat and H4FSK TNC ver 0.2.1.0 posted to auto update server, Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-11-20 14:30:07 UTC
From: Rick Muething
Topic: 3672 Message: 3672

All,

This is an interim version and the first that now includes some code and documentation for the ARQ mode.

IMPORTANT!!!

THE ARQ MODE IS NOT YET WORKING..IT WILL BE SEVERAL WEEKS UNTIL IT DOES BUT I WILL RELEASE INCREMENTAL RELEASES FROM TIME TO TIME. SOME ARQ FUNCTIONS MAY BE WORKING AND SOME ARE JUST PART OF MY INTEGRATION PATH.IT IS VERY DIFFICLUT TO KEEP TWO SEPARATE VERSIONS .ONE RELEASED. ONE IN PROCESS.

I did implement a couple important fixes that are in this and affect the FEC mode as well. One was causing random data printing at the end of some frames. I also now have added in the chat setup the mechanism for including a variable "front porch" (does anyone remember the "front porch" of old analog television days???). This and the "rear porch" work in FEC mode (defaulted to the previous values) but will be most helpful in setting up and optimizing ARQ for different radios (include Flex and other SDR radios) and sound card or VAC interfaces.

Also included in the release are the preliminary state diagrams for ARQ mode..THESE ARE NOT IMPLEMENTED IN CODE YET but are in process and may provide some education on how ARQ will work...(as you can see in the updated Chat help file.its' not trivial or very pretty!!!...such is life!) I have the ARQ spec completed and it should be straightforward (but not necessarily easy) getting it to work. I am generally pleased with how the ARQ is fleshing out. My ARQ implementation plan should have minimal impact on (read hopefully won't break!) the existing FEC mode.

The full install of version 0.2.1.0 is also on the Yahoo V4Protocol FTP site and the Winlink.org ftp site ftp://autoupdate.winlink.org/User%20Programs/

This should auto update on its own (provided you have auto update enabled and the port is not blocked). It requires no manual updates/patches to the Chat.ini file as in a test auto update.

Give it a try. but please no detailed questions and feedback yet on ARQ mode.still too early. I will try and get the Chat radio set up again today (had to break down the setup for demonstrations last weekend).

73,

Rick Muething, KN6KB

Chat Revision (Recent) History

Date: Rev Change Summary

Nov 20, 2013 0.2.1.0 Release of 0.1.7.2 with initial ARQ functions
(not yet fully implemented)

Nov 19, 2013 0.1.7.2 Remove Trim of strFileData in
mnuPasteAndSend.click to accomodate leading/trailing CR/LF in user text
files.

Add code to correctly
save/recall Horizontal and Vertical Splitters to INI file.

Add options on ChatSetupForm
and Main.StartH4TNCto set Front and Back porch timing

Update Help

Nov 7, 2013 0.1.7.1 Add intTrace statements to
H4FSKInterface.ProcessCapturedData to locate rare overflow.

Nov 4, 2013 0.1.7.0 Beta release of 0.1.6.1

H4FSK TNC Revision (Recent) History

Date: Rev Change Summary

Nov 20, 2013 0.2.1.0 Release of 0.2.0.1

Nov 19, 2013 0.2.0.1 Inital coding for ARQ mode. Add
H4ARQMod.vb class. Modify ARQ functions in H4FSKInterface.

Correct
formula to compute intSyncChar in H4FECMod.SendFECbytes (could send extra
sync in some cases).

Added
FRONTPORCH (default = 125 ms) and BACKPORCH (default=0 ms) commands and
implementation to allow setting for different radios/keying.

Nov 19, 2013 0.1.7.4 Modify the
H4FECDemod.ProcessNewSamples to pass all characters except EOT(4) to the
application.

Nov 18. 2013 0.1.7.3 Add back Backspace(8),
HorzTab(9), Cr(13),and LF(10) into passed characters in
H4FECDemod.ProcessNewSamples

Nov 9, 2013 0.1.7.2 Modify
H4FECDemod.ProcessNewSamples to add AndAlso intCharCount > 0 to avoid rare
overflow by divide by 0.

Nov 6, 2013 0.1.7.1 Modify H4FSKInterface.Load to
handle safe position restore to any screen/location (for multiple screen
installations)

Add
Try/Catch to H4FECDemod.MixDecode8BitCharacter to track down rare overflow

Add
Try/Catch to H4FECDemod.TrackTwoTone62BmMix to track down rare overflow

Add
Try/Catch to H4FECDemod.SearchForTwoTone62B3G to track down rare overflow

Nov 4, 2013 0.1.7.0 Beta release if 0.1.6.1

3673. Re: [V4Protocol] Chat and H4FSK TNC ver 0.2.1.0 posted to auto update server, Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-11-20 16:49:30 UTC
From: Ron Wenig
Topic: 3672 Message: 3673

Rick,

I noticed something when I sent a beacon today with version 0.2.1.0.
I'm not sure if this happened with the other versions or if it matters.
When I am transmitting my power meter fluctuates between 50 and about 25
watts. I am set on 50 watts. I am using a Kenwood TS-590 with the
built in sound card. I'm wondering if my signal is fluctuating on the
receive end. I've tested with Fldigi and it doesn't fluctuate.

Ron ny3j

On 11/20/2013 9:30 AM, Rick Muething wrote:
>
> All,
>
> This is an interim version and the first that now includes some code
> and documentation for the ARQ mode.
>
>

3674. RE: [V4Protocol] Chat and H4FSK TNC ver 0.2.1.0 posted to auto update server, Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-11-20 18:28:22 UTC
From: Rick Muething
Topic: 3672 Message: 3674
Attachments: 2 described; binary payloads are missing from this source WARC

Ron,

I made a small change on the amplitude of the sync character. It's peak amplitude is now 1.4 x the peak of the 4FSK character symbols.Since the Sync is a two tone signal (crest factor of 1.4) that actually translates to the SAME AVERAGE power but higher peak power. So if you had a peak reading wattmeter you will see about a 2:1 power fluctuation but an average reading meter will be fairly constant. I may play with this some more. Two reasons for running the sync at higher power:

1) It increases the tuning accuracy and framing precision in very weak conditions

2) If set correctly (so the Two tone test does not cause excessive ALC) it will reduce the average power down to about 50% and that is compatible with most amateur radios. You could overheat most amateur transmitters if you allowed 100% full power.

In general digital modes can often run over large crest factors .e.g. a large number of simultaneous PSK or FSK carriers can have fairly high crest factors .resulting in low average power. (you don't want the peak driving into ALC region or you get distortion).

4FSK modulation itself has a crest factor of 1.0 (Peak and average are the same) but 4FSK uses the two tone sync (which has amplitude variation) to help identify frame and symbol sync.

Thanks for the feedback,

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ron Wenig
Sent: Wednesday, November 20, 2013 11:50 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Chat and H4FSK TNC ver 0.2.1.0 posted to auto update server, Yahoo FTP and Winlink FTP

Rick,

I noticed something when I sent a beacon today with version 0.2.1.0. I'm not sure if this happened with the other versions or if it matters. When I am transmitting my power meter fluctuates between 50 and about 25 watts. I

am set on 50 watts. I am using a Kenwood TS-590 with the built in sound card. I'm wondering if my signal is fluctuating on the receive end. I've tested with Fldigi and it doesn't fluctuate.

Ron ny3j

On 11/20/2013 9:30 AM, Rick Muething wrote:

All,

This is an interim version and the first that now includes some code and documentation for the ARQ mode.

3675. RE: RE: [V4Protocol] Chat and H4FSK TNC ver 0.2.1.0 posted to auto update server, Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-11-20 18:49:01 UTC
From: <russtower@...>
Topic: 3672 Message: 3675

Excellent progress, Rick!

I have yet to get on 10.123 with 0.2.1.0, beacon, and see if I can have a simplex QSO with it yet, however.
Perhaps this early evening as time permits..

I notice that graphically, the placement of the RX/TX data area of the main OS screen, relative to the logging area, is staying where I set it now between boot ups. Good!

I do however also notice that Windows is no longer remembering where I place the TNC display screen as it did in previous releases. It is now reverting to coming up in another spot on the screen each time I boot up, with it slightly overlapping the logging area of the main OS screen, requiring that I drag it to just above the RX/TX operating screen where I choose to have it located for maximum readability..

I'm looking forward to test driving this latest update Rick!

73/Russ
.

---In V4Protocol@yahoogroups.com, <rmuething@...> wrote:

Ron,
I made a small change on the amplitude of the sync character. It’s peak amplitude is now 1.4 x the peak of the 4FSK character symbols…Since the Sync is a two tone signal (crest factor of 1.4) that actually translates to the SAME AVERAGE power but higher peak power. So if you had a peak reading wattmeter you will see about a 2:1 power fluctuation but an average reading meter will be fairly constant. I may play with this some more. Two reasons for running the sync at higher power:
1) It increases the tuning accuracy and framing precision in very weak conditions
2) If set correctly (so the Two tone test does not cause excessive ALC) it will reduce the average power down to about 50% and that is compatible with most amateur radios. You could overheat most amateur transmitters if you allowed 100% full power.
In general digital modes can often run over large crest factors …e.g. a large number of simultaneous PSK or FSK carriers can have fairly high crest factors …resulting in low average power. (you don’t want the peak driving into ALC region or you get distortion).

4FSK modulation itself has a crest factor of 1.0 (Peak and average are the same) but 4FSK uses the two tone sync (which has amplitude variation) to help identify frame and symbol sync.

Thanks for the feedback,

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ron Wenig
Sent: Wednesday, November 20, 2013 11:50 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Chat and H4FSK TNC ver 0.2.1.0 posted to auto update server, Yahoo FTP and Winlink FTP

Rick,

I noticed something when I sent a beacon today with version 0.2.1.0. I'm not sure if this happened with the other versions or if it matters. When I am transmitting my power meter fluctuates between 50 and about 25 watts. I am set on 50 watts. I am using a Kenwood TS-590 with the built in sound card. I'm wondering if my signal is fluctuating on the receive end. I've tested with Fldigi and it doesn't fluctuate.

Ron ny3j
On 11/20/2013 9:30 AM, Rick Muething wrote:

All,

This is an interim version and the first that now includes some code and documentation for the ARQ mode.

3676. Re: RE: [V4Protocol] Chat and H4FSK TNC ver 0.2.1.0 posted to auto update server, Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-11-20 23:50:41 UTC
From: Yussuf
Topic: 3672 Message: 3676

New version of H4FSK uploaded. We will test (with ARQ) it soon as possible
on 50 MHz by OH5RM and OH7JJT around 5 to 150 miles from my QTH.
Rick: tnx vy much, after you fb hard work!
73 OH7TE/5

2013/11/20 <russtower@gmail.com>

>
>
> Excellent progress, Rick!
>
>
> I have yet to get on 10.123 with 0.2.1.0, beacon, and see if I can have a
> simplex QSO with it yet, however.
>
> Perhaps this early evening as time permits..
>
>
> I notice that graphically, the placement of the RX/TX data area of the
> main OS screen, relative to the logging area, is staying where I set it now
> between boot ups. Good!
>
>
> I do however also notice that Windows is no longer remembering where I
> place the TNC display screen as it did in previous releases. It is now
> reverting to coming up in another spot on the screen each time I boot up,
> with it slightly overlapping the logging area of the main OS screen,
> requiring that I drag it to just above the RX/TX operating screen where I
> choose to have it located for maximum readability..
>
>
> I'm looking forward to test driving this latest update Rick!
>
>
> 73/Russ
>
> .
>
>
> ---In V4Protocol@yahoogroups.com, <rmuething@...> wrote:
>
> Ron,
>
> I made a small change on the amplitude of the sync character. It’s peak

> amplitude is now 1.4 x the peak of the 4FSK character symbols…Since the
> Sync is a two tone signal (crest factor of 1.4) that actually translates to
> the SAME AVERAGE power but higher peak power. So if you had a peak
> reading wattmeter you will see about a 2:1 power fluctuation but an average
> reading meter will be fairly constant. I may play with this some more.
> Two reasons for running the sync at higher power:
>
> 1) It increases the tuning accuracy and framing precision in very
> weak conditions
>
> 2) If set correctly (so the Two tone test does not cause excessive
> ALC) it will reduce the average power down to about 50% and that is
> compatible with most amateur radios. You could overheat most amateur
> transmitters if you allowed 100% full power.
>
> In general digital modes can often run over large crest factors …e.g. a
> large number of simultaneous PSK or FSK carriers can have fairly high crest
> factors …resulting in low average power. (you don’t want the peak driving
> into ALC region or you get distortion).
>
>
>
> 4FSK modulation itself has a crest factor of 1.0 (Peak and average are the
> same) but 4FSK uses the two tone sync (which has amplitude variation) to
> help identify frame and symbol sync.
>
>
>
> Thanks for the feedback,
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>
> 73,
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>
> Rick KN6KB
>
>
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *Ron Wenig
> *Sent:* Wednesday, November 20, 2013 11:50 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Chat and H4FSK TNC ver 0.2.1.0 posted to auto
> update server, Yahoo FTP and Winlink FTP
>
>
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>

>
> Rick,
>
> I noticed something when I sent a beacon today with version 0.2.1.0. I'm
> not sure if this happened with the other versions or if it matters. When I
> am transmitting my power meter fluctuates between 50 and about 25 watts. I
> am set on 50 watts. I am using a Kenwood TS-590 with the built in sound
> card. I'm wondering if my signal is fluctuating on the receive end. I've
> tested with Fldigi and it doesn't fluctuate.
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> Ron ny3j
>
> On 11/20/2013 9:30 AM, Rick Muething wrote:
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> All,
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>
> This is an interim version and the first that now includes some code and
> documentation for the ARQ mode.
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>

--
73 OH7TE/5 Yussuf

3677. ft-920

Yahoo group: V4Protocol
Date: 2013-11-21 00:35:17 UTC
From: <wd4kpd@...>
Topic: 3677 Message: 3677

installed 0.2.1.0 today and now at last i see the cat indicator light working on the rig. this was not working before on 0.1.7.0.

this is progress for sure, however nothing i do in the waterfall seems to affect the rig. i have perhaps forgotten just what rig function was to be controlled. i did think it was frequency change with mouse click.....is this correct ???

david/wd4kpd

3678. RE: RE: [V4Protocol] Chat and H4FSK TNC ver 0.2.1.0 posted to auto update server, Yahoo FTP and Winlink FTP

Yahoo group: V4Protocol
Date: 2013-11-21 00:39:35 UTC
From: Rick Muething
Topic: 3672 Message: 3678
Attachments: 2 described; binary payloads are missing from this source WARC

As I said in the release.ARQ is not working yet.there are only parts of it done so don't waste your time working with it yet. I had to get this released to fix a few other issues.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Yussuf
Sent: Wednesday, November 20, 2013 6:51 PM
To: V4Protocol@yahoogroups.com
Subject: Re: RE: [V4Protocol] Chat and H4FSK TNC ver 0.2.1.0 posted to auto update server, Yahoo FTP and Winlink FTP

New version of H4FSK uploaded. We will test (with ARQ) it soon as possible on 50 MHz by OH5RM and OH7JJT around 5 to 150 miles from my QTH.

Rick: tnx vy much, after you fb hard work!

73 OH7TE/5

2013/11/20 <russtower@...>

Excellent progress, Rick!

I have yet to get on 10.123 with 0.2.1.0, beacon, and see if I can have a simplex QSO with it yet, however.

Perhaps this early evening as time permits..

I notice that graphically, the placement of the RX/TX data area of the main OS screen, relative to the logging area, is staying where I set it now between boot ups. Good!

I do however also notice that Windows is no longer remembering where I place the TNC display screen as it did in previous releases. It is now reverting to coming up in another spot on the screen each time I boot up, with it slightly overlapping the logging area of the main OS screen, requiring that I drag it to just above the RX/TX operating screen where I choose to have it located for maximum readability..

I'm looking forward to test driving this latest update Rick!

73/Russ

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---In V4Protocol@yahoogroups.com, <rmuething@...> wrote:

Ron,

I made a small change on the amplitude of the sync character. It's peak amplitude is now 1.4 x the peak of the 4FSK character symbols.Since the Sync is a two tone signal (crest factor of 1.4) that actually translates to the SAME AVERAGE power but higher peak power. So if you had a peak reading wattmeter you will see about a 2:1 power fluctuation but an average reading meter will be fairly constant. I may play with this some more. Two reasons for running the sync at higher power:

1) It increases the tuning accuracy and framing precision in very weak conditions

2) If set correctly (so the Two tone test does not cause excessive ALC) it will reduce the average power down to about 50% and that is compatible with most amateur radios. You could overheat most amateur transmitters if you allowed 100% full power.

In general digital modes can often run over large crest factors .e.g. a large number of simultaneous PSK or FSK carriers can have fairly high crest factors .resulting in low average power. (you don't want the peak driving into ALC region or you get distortion).

4FSK modulation itself has a crest factor of 1.0 (Peak and average are the same) but 4FSK uses the two tone sync (which has amplitude variation) to help identify frame and symbol sync.

Thanks for the feedback,

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ron Wenig
Sent: Wednesday, November 20, 2013 11:50 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Chat and H4FSK TNC ver 0.2.1.0 posted to auto update server, Yahoo FTP and Winlink FTP

Rick,

I noticed something when I sent a beacon today with version 0.2.1.0. I'm not sure if this happened with the other versions or if it matters. When I am transmitting my power meter fluctuates between 50 and about 25 watts. I am set on 50 watts. I am using a Kenwood TS-590 with the built in sound card. I'm wondering if my signal is fluctuating on the receive end. I've tested with Fldigi and it doesn't fluctuate.

Ron ny3j

On 11/20/2013 9:30 AM, Rick Muething wrote:

All,

This is an interim version and the first that now includes some code and documentation for the ARQ mode.

--

73 OH7TE/5 Yussuf

3679. Re: [V4Protocol] ft-920

Yahoo group: V4Protocol
Date: 2013-11-21 02:12:44 UTC
From: W6IDS
Topic: 3677 Message: 3679

If you take your mouse and point ‘n shoot in the waterfall, you’ll see the frequency change on the radio. Click anywhere on the waterfall along the width of the waterfall display and you’ll effect a freq change.

Howard W6IDS
Richmond, IN

From: wd4kpd@...
Sent: Wednesday, November 20, 2013 7:35 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] ft-920

installed 0.2.1.0 today and now at last i see the cat indicator light working on the rig.

this was not working before on 0.1.7.0.

this is progress for sure, however nothing i do in the waterfall seems to affect the rig.

i have perhaps forgotten just what rig function was to be controlled. i did think it was frequency change with mouse click.....is this correct ???

david/wd4kpd

3680. ft-920

Yahoo group: V4Protocol
Date: 2013-11-21 13:34:48 UTC
From: David Michael Gaytko // WD4KPD
Topic: 3677 Message: 3680

rechecked this morning....v0.2.1.0 now seems to be talking to rig (cat light), but there is no reaction to mouse click in waterfall or in the rig.

david/wd4kpd

--
-- But when a long train of abuses and usurpations, pursuing invariably the same Object evinces a design to reduce them under absolute Despotism, it is their right, it is their duty, to throw off such Government, and to provide new Guards for their future security. --

3681. RE: [V4Protocol] ft-920

Yahoo group: V4Protocol
Date: 2013-11-21 14:41:18 UTC
From: Rick Muething
Topic: 3677 Message: 3681
Attachments: 2 described; binary payloads are missing from this source WARC

David,

Yes you can use click-to-tune on the waterfall display if desired. It is in the Chat help file (File, Help Index, Click-to-tune). Or of course you can manually tune the dial and the frequency display on the waterfall should follow…this frequency is saved to the mini log if you make an entry. The entire signal of interest must fit BETWEEN the green lines to allow auto tuning to work.

Working with the radio control/read back on the Yaesu radios is sometimes difficult. I don't have any here for testing and they tend to be different across radio models more so than Icom and Kenwood.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of wd4kpd@...
Sent: Wednesday, November 20, 2013 7:35 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] ft-920

installed 0.2.1.0 today and now at last i see the cat indicator light working on the rig.

this was not working before on 0.1.7.0.

this is progress for sure, however nothing i do in the waterfall seems to affect the rig.

i have perhaps forgotten just what rig function was to be controlled. i did think it was frequency change with mouse click.....is this correct ???

david/wd4kpd

3682. 22 November Testing from UK

Yahoo group: V4Protocol
Date: 2013-11-22 10:20:19 UTC
From: <m0dki@...>
Topic: 3682 Message: 3682

I will have my station available today for any one interested in doing some testing. I have not yet found anyone to have a QSO but would like to encourage the adoption of this mode. I will be monitoring 14.073 today. I also run a WSPR beacon fairly often.

My QTH is in the most south westerly corner of the UK and typically offers great transatlantic opportunities.

Email me on m0dki@yahoo.co.uk or kf6uiy@winlink.org

73s

Ross

3683. SV: [V4Protocol] 22 November Testing from UK

Yahoo group: V4Protocol
Date: 2013-11-22 10:37:50 UTC
From: Peter Martinsen
Topic: 3682 Message: 3683

Is it V4Chat 1.0.4.0 or Chat 0.2.1.0 or something else ?

73 de OZ1PMX Peter

Fra: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] På vegne af m0dki@...
Sendt: 22. november 2013 11:20
Til: V4Protocol@yahoogroups.com
Emne: [V4Protocol] 22 November Testing from UK

I will have my station available today for any one interested in doing some testing. I have not yet found anyone to have a QSO but would like to encourage the adoption of this mode. I will be monitoring 14.073 today. I also run a WSPR beacon fairly often.

My QTH is in the most south westerly corner of the UK and typically offers great transatlantic opportunities.

Email me on m0dki@... or kf6uiy@...

73s

Ross

3684. RE: [V4Protocol] 22 November Testing from UK

Yahoo group: V4Protocol
Date: 2013-11-22 11:42:33 UTC
From: Rick Muething
Topic: 3682 Message: 3684
Attachments: 2 described; binary payloads are missing from this source WARC

Peter,

Two different protocols Both are on the Yahoo V4Protocol FTP site.

1) V4 is a few years old It uses Viterbi encoded 4FSK and operates FEC or ARQ the Host program is V4Chat.

2) H4 (Hamming encoded 4FSK) is new still in beta. Currently FEC only but ARQ is in development. Host program is Chat. The objectives of H4:

Lower latency than PSK, Olivia, V4 about 200-300 ms vs 3-4 seconds for V4.

Narrow band (200 Hz @ -26 db)

Strong FEC (shortened 8:4 distance 3 Hamming encoding with soft minimal distance decoding)

Streamlined ARQ (in process) for low latency typing in ARQ mode.

Automatic ARQ CQ, ARQ Connect simplify initial connection.

Supports full international character sets: ASCII (7 bit), ASCII Latin-1 (8 bit), UTF-8 (8 or 16 bit)

I developed both modes as well as WINMOR used in several clients. Your comments and feedback welcome.

Rick Muething, KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Peter Martinsen
Sent: Friday, November 22, 2013 5:38 AM
To: V4Protocol@yahoogroups.com
Subject: SV: [V4Protocol] 22 November Testing from UK

Is it V4Chat 1.0.4.0 or Chat 0.2.1.0 or something else ?

73 de OZ1PMX Peter

Fra: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] På vegne af m0dki@...
Sendt: 22. november 2013 11:20
Til: V4Protocol@yahoogroups.com
Emne: [V4Protocol] 22 November Testing from UK

I will have my station available today for any one interested in doing some testing. I have not yet found anyone to have a QSO but would like to encourage the adoption of this mode. I will be monitoring 14.073 today. I also run a WSPR beacon fairly often.

My QTH is in the most south westerly corner of the UK and typically offers great transatlantic opportunities.

Email me on m0dki@... or kf6uiy@...

73s

Ross

3685. 28.230

Yahoo group: V4Protocol
Date: 2013-11-22 14:39:28 UTC
From: David Michael Gaytko // WD4KPD
Topic: 3662 Message: 3685

doing some beacons this am on 28.230. 50w to 3el beam sw.

1430z

david/wd4kpd

--
-- But when a long train of abuses and usurpations, pursuing invariably
the same Object evinces a design to reduce them under absolute
Despotism, it is their right, it is their duty, to throw off such
Government, and to provide new Guards for their future security. --

3686. RE: [V4Protocol] 28.230

Yahoo group: V4Protocol
Date: 2013-11-22 14:53:15 UTC
From: Rick Muething
Topic: 3662 Message: 3686
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks David..KN6KB also beaconing 28.230, 50W dipole from Rockledge, FL [EL98pf]

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of David Michael Gaytko // WD4KPD
Sent: Friday, November 22, 2013 9:39 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] 28.230

doing some beacons this am on 28.230. 50w to 3el beam sw.

1430z

david/wd4kpd

--
-- But when a long train of abuses and usurpations, pursuing invariably the same Object evinces a design to reduce them under absolute Despotism, it is their right, it is their duty, to throw off such Government, and to provide new Guards for their future security. --

3687. RE: 28.230

Yahoo group: V4Protocol
Date: 2013-11-23 13:52:11 UTC
From: <dk3cw@...>
Topic: 3662 Message: 3687

Monitoring on 28.230 and beaconing every 10 minutes.

vy 73 de Jakob DK3CW

EmComm liaison officer Frankfurt / Main
www.dk3cw.de

When All Else Fails, Ham Radio Works

---In v4protocol@yahoogroups.com, <rmuething@...> wrote:

Thanks David….KN6KB also beaconing 28.230, 50W dipole from Rockledge, FL [EL98pf]

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of David Michael Gaytko // WD4KPD
Sent: Friday, November 22, 2013 9:39 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] 28.230

doing some beacons this am on 28.230. 50w to 3el beam sw.

1430z

david/wd4kpd

--
-- But when a long train of abuses and usurpations, pursuing invariably the same Object evinces a design to reduce them under absolute Despotism, it is their right, it is their duty, to throw off such Government, and to provide new Guards for their future security. --

3688. Re: [V4Protocol] RE: 28.230

Yahoo group: V4Protocol
Date: 2013-11-23 14:48:02 UTC
From: C. R. "Dick" Lamberson
Topic: 3662 Message: 3688

my beacon is also on that freq with 20 min intervals
73
Dick, W4WEB
N.W. Florida

----- Original Message -----
From: dk3cw@...
To: V4Protocol@yahoogroups.com
Sent: Saturday, November 23, 2013 8:52 AM
Subject: [V4Protocol] RE: 28.230

Monitoring on 28.230 and beaconing every 10 minutes.

vy 73 de Jakob DK3CW

EmComm liaison officer Frankfurt / Main
www.dk3cw.de

When All Else Fails, Ham Radio Works

---In v4protocol@yahoogroups.com, <rmuething@...> wrote:

Thanks David….KN6KB also beaconing 28.230, 50W dipole from Rockledge, FL [EL98pf]

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of David Michael Gaytko // WD4KPD
Sent: Friday, November 22, 2013 9:39 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] 28.230

doing some beacons this am on 28.230. 50w to 3el beam sw.

1430z

david/wd4kpd

--
-- But when a long train of abuses and usurpations, pursuing invariably the same Object evinces a design to reduce them under absolute Despotism, it is their right, it is their duty, to throw off such Government, and to provide new Guards for their future security. --

3689. Re: [V4Protocol] RE: 28.230

Yahoo group: V4Protocol
Date: 2013-11-23 15:27:43 UTC
From: John Cox
Topic: 3662 Message: 3689

Beaconing for a bit on 28.230 as well at 20 minute intervals.

73,
John, K4JCC
Aiken, SC

On Sat, Nov 23, 2013 at 9:48 AM, C. R. "Dick" Lamberson <w4web@...>wrote:

>
>
>
> my beacon is also on that freq with 20 min intervals
> 73
> Dick, W4WEB
> N.W. Florida
>
>
>
> ----- Original Message -----
> *From:* dk3cw@...
> *To:* V4Protocol@yahoogroups.com
> *Sent:* Saturday, November 23, 2013 8:52 AM
> *Subject:* [V4Protocol] RE: 28.230
>
>
>
> Monitoring on 28.230 and beaconing every 10 minutes.
>
>
> vy 73 de Jakob DK3CW
>
> EmComm liaison officer Frankfurt / Main
> www.dk3cw.de
>
> When All Else Fails, Ham Radio Works
>
>
> ---In v4protocol@yahoogroups.com, <rmuething@...> wrote:
>
> Thanks David….KN6KB also beaconing 28.230, 50W dipole from Rockledge, FL
> [EL98pf]
>
>
>
> Rick KN6KB
>

>
>
>
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *On
> Behalf Of *David Michael Gaytko // WD4KPD
> *Sent:* Friday, November 22, 2013 9:39 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] 28.230
>
>
>
> doing some beacons this am on 28.230. 50w to 3el beam sw.
>
> 1430z
>
> david/wd4kpd
>
> --
> -- But when a long train of abuses and usurpations, pursuing invariably
> the same Object evinces a design to reduce them under absolute
> Despotism, it is their right, it is their duty, to throw off such
> Government, and to provide new Guards for their future security. --
>
>
>

--
John C. Cox, K4JCC
ARRL Life Member
USAF MARS - AFA4TS

3690. Re: [V4Protocol] RE: 28.230

Yahoo group: V4Protocol
Date: 2013-11-23 16:17:27 UTC
From: C. R. "Dick" Lamberson
Topic: 3662 Message: 3690

wow, just worked PY3SS in Southern Brazil - 59 signal - 25 watts folded dipole!

----- Original Message -----
From: dk3cw@...
To: V4Protocol@yahoogroups.com
Sent: Saturday, November 23, 2013 8:52 AM
Subject: [V4Protocol] RE: 28.230

Monitoring on 28.230 and beaconing every 10 minutes.

vy 73 de Jakob DK3CW

EmComm liaison officer Frankfurt / Main
www.dk3cw.de

When All Else Fails, Ham Radio Works

---In v4protocol@yahoogroups.com, <rmuething@...> wrote:

Thanks David….KN6KB also beaconing 28.230, 50W dipole from Rockledge, FL [EL98pf]

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of David Michael Gaytko // WD4KPD
Sent: Friday, November 22, 2013 9:39 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] 28.230

doing some beacons this am on 28.230. 50w to 3el beam sw.

1430z

david/wd4kpd

--
-- But when a long train of abuses and usurpations, pursuing invariably the same Object evinces a design to reduce them under absolute Despotism, it is their right, it is their duty, to throw off such Government, and to provide new Guards for their future security. --

3691. Beacon

Yahoo group: V4Protocol
Date: 2013-11-23 17:03:22 UTC
From: Harry Gilling
Topic: 3691 Message: 3691

W9IB beacon 10123 every 20 mins

3692. Re: [V4Protocol] RE: 28.230

Yahoo group: V4Protocol
Date: 2013-11-23 17:25:55 UTC
From: enkitec@...
Topic: 3662 Message: 3692

```
Thanks for the nice QSO! With lots of QSB :-(
Running 50W into a 40m Delta Loop with my Icom 7200.

73,
Mark Jordan - PY3SS
```

On 23-Nov-13 14:17, C. R. "Dick" Lamberson wrote:
> □
>
> wow, just worked PY3SS in Southern Brazil - 59 signal - 25 watts
> folded dipole!
>
> ----- Original Message -----
> *From:* dk3cw@... <mailto:dk3cw@...>
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Sent:* Saturday, November 23, 2013 8:52 AM
> *Subject:* [V4Protocol] RE: 28.230
>
> Monitoring on 28.230 and beaconing every 10 minutes.
>
>
> vy 73 de Jakob DK3CW
>
> EmComm liaison officer Frankfurt / Main
> www.dk3cw.de <http://www.dk3cw.de>
>
> When All Else Fails, Ham Radio Works
>
>
>
> ---In v4protocol@yahoogroups.com
> <mailto:v4protocol@yahoogroups.com>, <rmuething@...> wrote:
>
> Thanks David….KN6KB also beaconing 28.230, 50W dipole from
> Rockledge, FL [EL98pf]
>
> Rick KN6KB
>
> *From:*V4Protocol@yahoogroups.com
> [mailto:V4Protocol@yahoogroups.com] *On Behalf Of *David Michael
> Gaytko // WD4KPD
> *Sent:* Friday, November 22, 2013 9:39 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] 28.230
>

> doing some beacons this am on 28.230. 50w to 3el beam sw.
>
> 1430z
>
> david/wd4kpd
>
> --
> -- But when a long train of abuses and usurpations, pursuing
> invariably
> the same Object evinces a design to reduce them under absolute
> Despotism, it is their right, it is their duty, to throw off such
> Government, and to provide new Guards for their future security. --
>
>
>
>
>

3693. Re: [V4Protocol] Beacon

Yahoo group: V4Protocol
Date: 2013-11-23 19:23:56 UTC
From: Don Poaps
Topic: 3691 Message: 3693

Try 28230

Don va7dgp

On Saturday, November 23, 2013, Harry Gilling wrote:

>
>
> W9IB beacon 10123 every 20 mins
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Surrey Amateur Radio
Metrotown Salvation Army Community Church Member

3694. SV: [V4Protocol] Beacon

Yahoo group: V4Protocol
Date: 2013-11-23 19:27:06 UTC
From: Peter Martinsen
Topic: 3691 Message: 3694

Hi Harry

Calling you in V4 mode

73 de OZ1PMX Peter

_____

Fra: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] På vegne af Harry Gilling
Sendt: 23. november 2013 18:03
Til: V4Protocol@yahoogroups.com
Emne: [V4Protocol] Beacon

W9IB beacon 10123 every 20 mins

3695. H4FSK 10123khz

Yahoo group: V4Protocol
Date: 2013-11-24 00:20:12 UTC
From: <oz1pmx@...>
Topic: 3695 Message: 3695

Hi Folks

So far heard: KN6KB es K1DOW

73 de OZ1PMX Peter

3696. Re: [V4Protocol] Beacon

Yahoo group: V4Protocol
Date: 2013-11-24 15:52:58 UTC
From: Steve Michaels
Topic: 3691 Message: 3696

28.230 Beaconing
de N4AY

On Sat, Nov 23, 2013 at 1:27 PM, Peter Martinsen <oz1pmx@...> wrote:

>
>
> Hi Harry
>
>
>
> Calling you in V4 mode
>
>
>
> 73 de OZ1PMX Peter
>
>
>
>
> ------------------------------
>
> *Fra:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] *På
> vegne af *Harry Gilling
> *Sendt:* 23. november 2013 18:03
> *Til:* V4Protocol@yahoogroups.com
> *Emne:* [V4Protocol] Beacon
>
>
>
>
>
> W9IB beacon 10123 every 20 mins
>
>
>

3697. H4 Protocol spec for FEC and ARQ posted to V4Protocol files section.

Yahoo group: V4Protocol
Date: 2013-11-27 11:04:30 UTC
From: Rick Muething
Topic: 3697 Message: 3697

All,

Many of us have heard the famous Abe Lincoln quote:

"Give me 6 hours to chop down a tree and I will spend the first 4 sharpening the axe."

The same still holds pretty well for developing a protocol!

I have made good progress on the H4 ARQ mode .initially mostly in the protocol spec. I have uploaded this to the files section (pdf) for anyone interested or having trouble getting to sleep. I have found that time spent "sharpening the spec" is well spent and makes the coding faster and with fewer iterations.

I am running special (I don't want to post these yet) Chat and H4FSK TNC test versions here that is sending both an FEC beacon and a new ARQ ID frame. You should be able to see a clean (no funny characters caused by the CRC check) ARQ ID after my FEC beacon. It is on 10123.0 USB dial and sends the short ARQ ID frame ("ARQ ID < KN6KB") a few seconds after the FEC beacon. Of course monitoring with FEC will not provide error checking or correction but it should be visible. I have gone to some effort to insure that monitoring of ARQ sessions can be done in both ARQ and FEC modes with clean printouts. This is all described in the "very interesting" spec.

I suspect it will be at least a couple of weeks before a fully functions (with a few bugs of course!) ARQ version is ready for testing. This includes the provisions (as you can see in the spec) for a second Reed-Solomon layer FEC on top of the Hamming encoding. This is used on the Robust Text and BINARY frame types.it reduces the frame payload some but should improve the net throughput (after repeats) in poor conditions.

I'll leave the beacon running today. I'm interested in how the ARQ ID frame "prints".

Have a good Thanksgiving.

73,

Rick KN6KB

3698. RE: [V4Protocol] H4 Protocol spec for FEC and ARQ posted to V4Protocol files section.

Yahoo group: V4Protocol
Date: 2013-11-27 11:22:02 UTC
From: Kirk
Topic: 3697 Message: 3698
Attachments: 2 described; binary payloads are missing from this source WARC

Rick,

Thanks. Will read the H4 Protocol Spec and with regard to your 10.123 beacon, will report later. By the way, I have no problem sleeping but I do get up early (0200) to get my 1.5 hour regiment of exercise out of the way.

Have a super day and Happy Thanksgiving!

Kirk, K6KAR

Niceville, FL

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Wednesday, November 27, 2013 6:05 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] H4 Protocol spec for FEC and ARQ posted to V4Protocol files section.

All,

Many of us have heard the famous Abe Lincoln quote:

"Give me 6 hours to chop down a tree and I will spend the first 4 sharpening the axe."

The same still holds pretty well for developing a protocol!

I have made good progress on the H4 ARQ mode .initially mostly in the protocol spec. I have uploaded this to the files section (pdf) for anyone interested or having trouble getting to sleep. I have found that time spent "sharpening the spec" is well spent and makes the coding faster and with fewer iterations.

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I suspect it will be at least a couple of weeks before a fully functions (with a few bugs of course!) ARQ version is ready for testing. This includes

the provisions (as you can see in the spec) for a second Reed-Solomon layer FEC on top of the Hamming encoding. This is used on the Robust Text and BINARY frame types.it reduces the frame payload some but should improve the net throughput (after repeats) in poor conditions.

I'll leave the beacon running today. I'm interested in how the ARQ ID frame "prints".

Have a good Thanksgiving.

73,

Rick KN6KB

3699. Re: [V4Protocol] H4 Protocol spec for FEC and ARQ posted to V4Protocol files section.

Yahoo group: V4Protocol
Date: 2013-11-27 12:08:57 UTC
From: Ron Wenig
Topic: 3697 Message: 3699
Attachments: 1 described; binary payloads are missing from this source WARC

Rick, here's a screen shot of 2 of your beacons. The stuff before your beacon is just noise that got through. I was wondering why the start of beacon doesn't start on a new line. Also, what is the 1/4 at the end of the beacon.

73, Ron ny3j

On 11/27/2013 6:04 AM, Rick Muething wrote:
>
> All,
>
> Many of us have heard the famous Abe Lincoln quote:
>
> "Give me 6 hours to chop down a tree and I will spend the first 4
> sharpening the axe."
>
> The same still holds pretty well for developing a protocol!
>
> I have made good progress on the H4 ARQ mode ...initially mostly in
> the protocol spec. I have uploaded this to the files section (pdf) for
> anyone interested or having trouble getting to sleep. I have found
> that time spent "sharpening the spec" is well spent and makes the
> coding faster and with fewer iterations.
>
> I am running special (I don't want to post these yet) Chat and H4FSK
> TNC test versions here that is sending both an FEC beacon and a new
> ARQ ID frame. You should be able to see a clean (no funny characters
> caused by the CRC check) ARQ ID after my FEC beacon. It is on 10123.0
> USB dial and sends the short ARQ ID frame ("ARQ ID < KN6KB") a few
> seconds after the FEC beacon. Of course monitoring with FEC will not
> provide error checking or correction but it should be visible. I have
> gone to some effort to insure that monitoring of ARQ sessions can be
> done in both ARQ and FEC modes with clean printouts. This is all
> described in the "very interesting" spec.
>
> I suspect it will be at least a couple of weeks before a fully
> functions (with a few bugs of course!) ARQ version is ready for
> testing. This includes the provisions (as you can see in the spec)
> for a second Reed-Solomon layer FEC on top of the Hamming encoding.
> This is used on the Robust Text and BINARY frame types...it reduces
> the frame payload some but should improve the net throughput (after
> repeats) in poor conditions.
>

> I'll leave the beacon running today. I'm interested in how the ARQ ID
> frame "prints".
>
> Have a good Thanksgiving...
>
> 73,
>
>
> Rick KN6KB
>
>

3700. RE: [V4Protocol] H4 Protocol spec for FEC and ARQ posted to V4Protocol files section.

Yahoo group: V4Protocol
Date: 2013-11-27 16:49:53 UTC
From: Rick Muething
Topic: 3697 Message: 3700
Attachments: 1 described; binary payloads are missing from this source WARC

Ron,

There are two things that are interesting.

1) The ¼ at the end of the ARQ ID is due to the CRC byte which actually should be suppressed since it is preceded by an End of Transmission I☐ll have to check that out. Of course in ARQ mode everything will be hidden unless it passes the CRC check sum.

2) The scalloping on your decode quality graph indicates possible large error in your sample rate. On the H4 TNC (after it has been running for several minutes) click Help and note the SR number at the bottom of the drop down. It should be fairly close (+/12 or better) to 12000. If it is far off your sound card has some significant error. It will still decode but can☐t be fully compensated. Let me know what you read for the SR value .(be sure and let it run the longer it runs the more accurate the reading)

3) The receive level looks low. With the receiver AGC on (medium to fast) it should be at least 50% of full scale. It looks like it is only half way on the blue scale which means you are using something like 8-9 bits of your sound cards A/D. That hurts the decoding accuracy and sensitivity. Shoot for at least mid scale or better and ☐in the green☐). You set this with:

a. The radio aux or speaker/phone output level (sometimes this is adjustable)

b. The pot and/or jumpers in the sound card interface. (e.g. the SignaLink has both an internal jumper and a RX pot.)

c. The windows mixer record level (if the sound card driver uses the windows Mixer.) You can check this with Start, Control panel, Sounds and selecting the card and record level that you are using for the radio.

Thanks for the feedback .It shows the ARQ ID is working but that ¼ should be suppressed. I☐ll find that this afternoon.

73,

Rick

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ron Wenig
Sent: Wednesday, November 27, 2013 7:09 AM

To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] H4 Protocol spec for FEC and ARQ posted to V4Protocol files section.

Rick, here's a screen shot of 2 of your beacons. The stuff before your beacon is just noise that got through. I was wondering why the start of beacon doesn't start on a new line. Also, what is the 1/4 at the end of the beacon.

73, Ron ny3j

On 11/27/2013 6:04 AM, Rick Muething wrote:

All,

Many of us have heard the famous Abe Lincoln quote:

☐Give me 6 hours to chop down a tree and I will spend the first 4 sharpening the axe.☐

The same still holds pretty well for developing a protocol!

I have made good progress on the H4 ARQ mode initially mostly in the protocol spec. I have uploaded this to the files section (pdf) for anyone interested or having trouble getting to sleep. I have found that time spent ☐sharpening the spec☐ is well spent and makes the coding faster and with fewer iterations.

I am running special (I don☐t want to post these yet) Chat and H4FSK TNC test versions here that is sending both an FEC beacon and a new ARQ ID frame. You should be able to see a clean (no funny characters caused by the CRC check) ARQ ID after my FEC beacon. It is on 10123.0 USB dial and sends the short ARQ ID frame (☐ARQ ID < KN6KB☐) a few seconds after the FEC beacon. Of course monitoring with FEC will not provide error checking or correction but it should be visible. I have gone to some effort to insure that monitoring of ARQ sessions can be done in both ARQ and FEC modes with clean printouts. This is all described in the ☐very interesting☐ spec.

I suspect it will be at least a couple of weeks before a fully functions (with a few bugs of course!) ARQ version is ready for testing. This includes the provisions (as you can see in the spec) for a second Reed-Solomon layer FEC on top of the Hamming encoding. This is used on the Robust Text and BINARY frame types it reduces the frame payload some but should improve the net throughput (after repeats) in poor conditions.

I☐ll leave the beacon running today. I☐m interested in how the ARQ ID frame ☐prints☐.

Have a good Thanksgiving

73,

Rick KN6KB

3701. RE: [V4Protocol] H4 Protocol spec for FEC and ARQ posted to V4Protocol files section.

Yahoo group: V4Protocol
Date: 2013-11-27 17:54:05 UTC
From: Rick Muething
Topic: 3697 Message: 3701

Ron, All,

Thanks to Ron's feedback I found the bug that was not blanking out the CRC check byte from displaying in the ARQ ID frame.A simple fix which I have operating now. The concept is fairly simple .only adds one byte (128 ms) to these frame: A End of Transmission (Hex 04) is inserted just before the CRC check sum. The Check sum byte (which can be any 8 bit value based on the data) is then "hidden" since the station in FEC mode sees a EndOfTransmission character directly in front of the CRC byte. That EOT forces a monitor in FEC mode to stop processing characters so the CRC character is not shown. This should all work OK now. Stations using ARQ have a more complex capture, decode and display mechanism so can decode and compute the CRC check and basically ignore the EOT in the ARQ ID frame.

The only frame that this won't work for is the ARQ BINARY frame since by definition the Binary frame can include any of the 8 bit values and these may "print" in strange ways on a station monitoring in FEC mode. But pure BINARY data will always print funny since it contains all available 8 bit values.

73,

Rick KN6KB

3702. Re: [V4Protocol] H4 Protocol spec for FEC and ARQ posted to V4Protocol files section.

Yahoo group: V4Protocol
Date: 2013-11-27 18:14:49 UTC
From: Ron Wenig
Topic: 3697 Message: 3702
Attachments: 1 described; binary payloads are missing from this source WARC

Rick, I increased the USB output on the TS-590 and now the Rcv level is
1/2 way. The average SR reads 11999.90 so it's pretty close to 12000
and the Decode Quality line is almost a straight line. The CRC check
sum (1/4) is not showing up now with your fix. That was an interesting bug.

Ron ny3j

On 11/27/2013 11:49 AM, Rick Muething wrote:
>
> Ron,
>
> There are two things that are interesting.
>
> 1)The ? at the end of the ARQ ID is due to the CRC byte which actually
> should be suppressed since it is preceded by an End of
> Transmission...I'll have to check that out. Of course in ARQ mode
> everything will be hidden unless it passes the CRC check sum.
>
> 2)The scalloping on your decode quality graph indicates possible
> large error in your sample rate. On the H4 TNC (after it has been
> running for several minutes) click Help and note the SR number at the
> bottom of the drop down. It should be fairly close (+/12 or better)
> to 12000. If it is far off your sound card has some significant
> error. It will still decode but can't be fully compensated. Let me
> know what you read for the SR value....(be sure and let it run...the
> longer it runs the more accurate the reading)
>
> 3)The receive level looks low. With the receiver AGC on (medium to
> fast) it should be at least 50% of full scale. It looks like it is
> only half way on the blue scale which means you are using something
> like 8-9 bits of your sound cards A/D. That hurts the decoding
> accuracy and sensitivity. Shoot for at least mid scale or better and
> "in the green"). You set this with:
>
> a.The radio aux or speaker/phone output level (sometimes this is
> adjustable)
>
> b.The pot and/or jumpers in the sound card interface. (e.g. the
> SignaLink has both an internal jumper and a RX pot.)
>
> c.The windows mixer record level (if the sound card driver uses the
> windows Mixer.) You can check this with Start, Control panel, Sounds
> and selecting the card and record level that you are using for the radio.

>
> Thanks for the feedback....It shows the ARQ ID is working but that ?
> should be suppressed. I'll find that this afternoon.
>
> 73,
>
> Rick
>
>

3703. Calling freqs?

Yahoo group: V4Protocol
Date: 2013-11-28 13:54:44 UTC
From: <waynefrancis5@...>
Topic: 3703 Message: 3703

On 30 meters I hear the beacon for KN6KB loud and clear in Baltimore Maryland.
Is there a set of calling freqs. to start conversations?
Happy thanksgiving to all!
73 de Wayne/WA3VAT

3704. Re: [V4Protocol] Calling freqs?

Yahoo group: V4Protocol
Date: 2013-11-28 14:59:21 UTC
From: Ian Wade G3NRW
Topic: 3703 Message: 3704

___Original Message_____________________________________
From: waynefrancis5@...
Date: Thu, 28 Nov 2013 Time: 05:54:44

> Is there a set of calling freqs. to start conversations?

On 30m, see the second page on the PDF on here:

http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

--
73
Ian, G3NRW

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

The UK 60m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/UK_60m_band_utilization.htm

The 160m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/160m_band_utilization.htm

3705. Re: [V4Protocol] Calling freqs?

Yahoo group: V4Protocol
Date: 2013-11-28 15:18:15 UTC
From: Don Poaps
Topic: 3703 Message: 3705

I know I drop up to 28230 (10 M). I've picked up a few Beacons when the band is open.

73

Happy Turkey Day

Don
va7dgp

On Thu, Nov 28, 2013 at 5:54 AM, <waynefrancis5@...> wrote:

>
>
> On 30 meters I hear the beacon for KN6KB loud and clear in Baltimore
> Maryland.
>
> Is there a set of calling freqs. to start conversations?
>
> Happy thanksgiving to all!
>
> 73 de Wayne/WA3VAT
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3706. RE: [V4Protocol] Calling freqs?

Yahoo group: V4Protocol
Date: 2013-11-28 15:22:31 UTC
From: Rick Muething
Topic: 3703 Message: 3706
Attachments: 2 described; binary payloads are missing from this source WARC

Ian,

We have been using 10123.00 and 28230.00 USB dial recently for the H4 protocol testing. Both V4 and H4 are 200Hz bandwidth @ -26 dB. The RF center frequency is 1.513 KHz above the USB dial.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ian Wade G3NRW
Sent: Thursday, November 28, 2013 9:59 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Calling freqs?

___Original Message_____
From: waynefrancis5@...
Date: Thu, 28 Nov 2013 Time: 05:54:44

> Is there a set of calling freqs. to start conversations?

On 30m, see the second page on the PDF on here:

http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

--
73
Ian, G3NRW

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm

The UK 60m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/UK_60m_band_utilization.htm

The 160m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/160m_band_utilization.htm

3707. Sked anyone?

Yahoo group: V4Protocol
Date: 2013-11-28 21:44:10 UTC
From: <waynefrancis5@...>
Topic: 3707 Message: 3707

Why don't we set a time and freq. for a V4 chat?
Anyone?
Friday nights?
de WA3VAT
Wayne

3708. RE: Sked anyone?

Yahoo group: V4Protocol
Date: 2013-12-01 23:27:57 UTC
From: <w4djwdave@...>
Topic: 3707 Message: 3708

Is anyone trying out this protocol this evening? (December 1, 2013). I just got it setup and would like to try it out before buying it. If so, what frequency? I'm located in upstate South Carolina USA.

Dave (W4DJW)

---In V4Protocol@yahoogroups.com, <waynefrancis5@...> wrote:

Why don't we set a time and freq. for a V4 chat?
Anyone?
Friday nights?
de WA3VAT
Wayne

3709. H4 ARQ Progress report.

Yahoo group: V4Protocol
Date: 2013-12-05 20:50:41 UTC
From: Rick Muething
Topic: 3709 Message: 3709

All,

I have been busy completing the H4 ARQ mode. I uploaded the current spec (rev 0.3.1) which is now quite complete (10 pages) including all protocol rules, Frame descriptions and State diagrams for both FEC and ARQ modes. It is a pdf on the Yahoo FTP server titled H4 FEC and H4 ARQ Protocol Spec. Reading the spec may be helpful if you are having trouble falling asleep! Having a good and detailed spec made the coding effort move along much faster and will be essential to anyone trying to port the VB.NET source code to another platform. (I don't plan on posting the sources until out of beta testing).

I have virtually all the ARQ code completed and am starting testing locally (across the desk). (Of course there were many short tests during code generation but with an ARQ system you can't get too far without all the code in place and having two systems to talk to each other!). The implementation is clean and should work out well. I have the binary transfer option coded in the TNC but that won't be enabled on the first release. (it will allow sending a named binary file in ARQ mode.with compression). I have tried to make the protocol as efficient as possible (running at about 66% of the FEC max rate which is pretty good as ARQ protocols go). An ARQ session can also be "monitored" by a user in FEC mode (with "clean" text printout.suppressing all the CRCs and frame ID characters) but can't of course correct all errors that the ARQ connection can. There are provisions for calling CQ in ARQ mode and a single mouse click to answer a CQ. It is also possible to call a specific station of course.

I expect to have something worthy of an alpha release in a week or perhaps 2. (remember alpha has bugs and should not be used by those without debugging skills!) The FEC mode will be essentially the same as the current H4 FEC mode now on the FTP site. The objectives initially are to debug the ARQ mode and evaluate its robustness etc. Bells, Whistles, Frills and Fluff won't be added until the basic ARQ mode is solid.

73,

Rick Muething, KN6KB

3710. Re: H4 ARQ Progress report.

Yahoo group: V4Protocol
Date: 2013-12-06 00:50:34 UTC
From: Yussuf
Topic: 3709 Message: 3710

Rick,
UFB! We wait alpha version to test it with feedback reports by old
"GruppaOHdigi" in Finland by OH5RM OH7JJT OH7TE on HF and 50 MHz

--
73 OH7TE/5 "Yussuf" S-E Finland loc KP30JS

3711. AW: [V4Protocol] H4 ARQ Progress report.

Yahoo group: V4Protocol
Date: 2013-12-06 12:58:23 UTC
From: siegfried jackstien
Topic: 3709 Message: 3711

>
> I expect to have something worthy of an alpha release in a week or perhaps
> 2. (remember alpha has bugs and should not be used by those without
> debugging skills!) The FEC mode will be essentially the same as the
> current H4 FEC mode now on the FTP site. The objectives initially are to
> debug the ARQ mode and evaluate its robustness etc. Bells, Whistles,
> Frills and Fluff won't be added until the basic ARQ mode is solid.
>

Cant wait to try it out :-)

Maybe before xmas?!?

Dg9bfc

Sigi

3712. Currently monitoring 28.230

Yahoo group: V4Protocol
Date: 2013-12-08 00:07:21 UTC
From: <vk2icq@...>
Topic: 3712 Message: 3712

Hi folks,

I am currently monitoring 28,230 from 24:00 GMT through to about 04:00 GMT.

I'll report any contacts. Also try to connect if you can.

de Dave
VK2NA

3713. H4FSK beacon on 28230Kc

Yahoo group: V4Protocol
Date: 2013-12-14 10:48:31 UTC
From: <pd9btb@...>
Topic: 3713 Message: 3713

14/12/2013 z10:45 - z16:00 PD9BTB-beacon on air. F 28230Kc.
TRX Icom IC-7600
Power 25 Watt
Ant.: Modified Solarcon A99 [V].

3714. H4FSK

Yahoo group: V4Protocol
Date: 2013-12-14 10:49:12 UTC
From: <pd9btb@...>
Topic: 3714 Message: 3714

```
14/12/2013 z12:00-z1600 PD9BTB-beacon on air.
F=28230Kc
```

3715. CQ/Beacon H4FSK

Yahoo group: V4Protocol
Date: 2013-12-14 13:09:05 UTC
From: <oz1pmx@...>
Topic: 3715 Message: 3715

28225khz Dial USB de OZ1PMX Peter

3716. Idle Chat using V4CHAT

Yahoo group: V4Protocol
Date: 2013-12-20 15:38:05 UTC
From: <nr5g@...>
Topic: 3716 Message: 3716

Does any out there use V4Chat for general idle ragchew qsos? I recall many qsos on or about 14.073 a year or so ago, now I hear nothing other than some of the other exotic digital modes. Is there a 20m or 40m frequency where stations generally place V4Chat calls??? I sure hope the new H4 and Chat gets more attention when it is released.

3717. Re: [V4Protocol] Idle Chat using V4CHAT

Yahoo group: V4Protocol
Date: 2013-12-20 16:41:26 UTC
From: Pete Ferrand
Topic: 3716 Message: 3717

Hi Lee, yes I remember chatting with you and I was wondering the same thing. Have a new radio and have been busy setting it up and wondering what's up with this. Interest seems to have dropped off.

-Pete

-----Original Message-----
From: nr5g@...
Sent: Dec 20, 2013 9:38 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Idle Chat using V4CHAT

Does any out there use V4Chat for general idle ragchew qsos?? I recall many qsos on or about 14.073 a year or so ago, now I hear nothing other than some of the other exotic digital modes.? Is there a 20m or 40m frequency where stations generally place V4Chat calls???? I sure hope the new H4 and Chat gets more attention when it is released.

3718. Upated version of Chat 0.2.2.0 and H4 TNC 0.2.2.0 Posted on Autoupdate server and V4 Protocol FTP site

Yahoo group: V4Protocol
Date: 2013-12-21 03:18:30 UTC
From: Rick Muething
Topic: 3718 Message: 3718

All,

I have posted this major update on the Autoupdate server and also a full install on the V4Protocol Yahoo FTP site. The full install is also placed on the Winlink FTP site ftp://autoupdate.winlink.org/User%20Programs/ if someone has a problem with the Yahoo site.

This is a major update and while all the ARQ code and functions are in they aren't fully tested. So I have only enabled a few of the ARQ functions because otherwise it would just confuse everyone. I am leaving for a week on Monday so I only have this weekend to make any small updates.

This version now also includes a new more robust mode FEC RBST (Robust FEC) which has two levels of FEC (Hamming encoding inner layer, Reed-Solomon outer layer) for more robustness. This mode can be used to send large text files or multi cast broadcasts to multiple users.

The ARQ implementation is clean but it needs optimization for automatic round trip calculation and optimization along with expanded busy channel detection and the ever tricky IRS <> ISS exchange verification and optimization. There are however accurate State diagrams in the help and a complete H4 Protocol document on the Yahoo FTP site for those interested.

One feature I was able to make work is that it is now possible (independent of mode FEC, FEC FD, FEC RBST, ARQ) to display data from all modes. This will be very helpful and minimize most need for mode switching.

The Help files have all been updated and should be fairly complete now except for detailed operating instructions for ARQ.

You will see that two of the ARQ functions (ARQ Call and ARQ Answer CQ) are disabled in this release. I am still testing and optimizing these. You can "play around" however with ARQ ID and ARQ CQ (though no one can answer your ARQ CQ!).

The Beacon now is also sent using FEC ROBUST and should show fewer errors and if errors are uncorrectable will be shown in Red strike Thru text.

Your feedback is requested but I will probably not be able to do much for at least a week.

Please let me know if something that the help says should work is not. I know about the ARQ stuff. Also this is not yet the time for bells, whistles and fluff additions.let's wait until ARQ is working smoothly.

A Merry Christmas and Happy New year to all.

73,

Rick Muething, KN6KB

3719. KN6KB H4 0.2.2.0 Robust FEC beacon on 10123.0 KHz

Yahoo group: V4Protocol
Date: 2013-12-21 03:49:56 UTC
From: Rick Muething
Topic: 3719 Message: 3719

All,

I have put the latest version on a 50 watt beacon on frequency 10123.0 USB dial approx. every 10 Minutes. This should "print" as Robust FEC text when using the new version 0.2.2.0.

73,

Rick KN6KB

3720. Re: [V4Protocol] KN6KB H4 0.2.2.0 Robust FEC beacon on 10123.0 KHz

Yahoo group: V4Protocol
Date: 2013-12-21 04:01:38 UTC
From: ric5
Topic: 3719 Message: 3720

I'm sending ...
Rick KD4JRX FM14 NC

From: Rick Muething
Sent: Friday, December 20, 2013 10:49 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] KN6KB H4 0.2.2.0 Robust FEC beacon on 10123.0 KHz

All,

I have put the latest version on a 50 watt beacon on frequency 10123.0 USB dial approx. every 10 Minutes. This should "print" as Robust FEC text when using the new version 0.2.2.0.

73,

Rick KN6KB

3721. Re: [V4Protocol] KN6KB H4 0.2.2.0 Robust FEC beacon on 10123.0 KHz

Yahoo group: V4Protocol
Date: 2013-12-21 04:42:09 UTC
From: Steve Michaels
Topic: 3719 Message: 3721

Hi Rick--got some foreign broadcast tearing things up here in NW FL.

73,
de N4AY

On Fri, Dec 20, 2013 at 9:49 PM, Rick Muething <rmuething@....com> wrote:

>
>
> All,
>
>
>
> I have put the latest version on a 50 watt beacon on frequency 10123.0 USB
> dial approx. every 10 Minutes. This should “print” as Robust FEC text when
> using the new version 0.2.2.0.
>
>
>
> 73,
>
>
>
> Rick KN6KB
>
>
>
>
>

3722. H4FSK CQ

Yahoo group: V4Protocol
Date: 2013-12-21 06:44:03 UTC
From: <oz1pmx@...>
Topic: 3722 Message: 3722

10124.50 CF de OZ1PMX Peter

Merry Christmas es Happy New Year

3723. Re: [V4Protocol] H4FSK CQ

Yahoo group: V4Protocol
Date: 2013-12-21 10:02:51 UTC
From: Don Poaps
Topic: 3722 Message: 3723

QRV 10124.5 CF de VA7DGP Beacon 10 min

Merry Christmas

On Fri, Dec 20, 2013 at 10:44 PM, <oz1pmx@...> wrote:

>
>
> 10124.50 CF de OZ1PMX Peter
>
>
> Merry Christmas es Happy New Year
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3724. Re: [V4Protocol] KN6KB H4 0.2.2.0 Robust FEC beacon on 10123.0 KHz

Yahoo group: V4Protocol
Date: 2013-12-21 10:33:52 UTC
From: Hoby KK8G
Topic: 3719 Message: 3724

Printing great here is SW MI.. (Heathkit town)
73, HAPPY HOLIDAYS and have a nice trip.
Hoby

----- Original Message -----
From: Rick Muething
To: V4Protocol@yahoogroups.com
Sent: Friday, December 20, 2013 10:49 PM
Subject: [V4Protocol] KN6KB H4 0.2.2.0 Robust FEC beacon on 10123.0 KHz

All,

I have put the latest version on a 50 watt beacon on frequency 10123.0 USB dial approx. every 10 Minutes. This should "print" as Robust FEC text when using the new version 0.2.2.0.

73,

Rick KN6KB

3725. RE: Idle Chat using V4CHAT

Yahoo group: V4Protocol
Date: 2013-12-21 12:29:47 UTC
From: <la7um@...>
Topic: 3716 Message: 3725

I have done many V4 80, 60, 40, 30 and 20m. with a lot of LA and EU countries including Canada.
For me it has proven a good mode though limited to 7bit ascii.

Having a break some months due to my Windows PC crash and waiting for a new MacBook Pro Haswell, where I will try OSX Maveric and Win7Pro with VMWare both for RMS Express and V4/H4.

Plenty to do anyway attending our local Winlink servers and arranging winlink drills from other sites.

Also looking forward to H4s extension including ISO 8859-1, and the real international standard char set UTF8.

UTF8 has been proven to work excellent with VOAs Fldigi test broadcasts where even my old Mac PowerBook do work well.
English, French, Spanish, Russian, Greece, Chinese letters very well received, all just using the industry standard UTF8.
That is the standard setting for everything. (Except Winlink mail..8859-1))
Also off course the Norse letters working well.

I know of many norwegians waiting for information related to the new H4 mode when it's getting ready.

Amongst them also professional Pactor 1-3 users for years being astonished about the V4 abilities for ARQ QSOs which also reminds them of Amtor.

What will H4 reveal.....

73, thanks for Ricks work and Merry Christmas de LA7UM/Finn

3726. Re: [V4Protocol] Beacon With FEC RBST NOW 10.123.02

Yahoo group: V4Protocol
Date: 2013-12-21 14:24:13 UTC
From: ric5
Topic: 3722 Message: 3726

Good print here on H4FEC de N4AY 80m dipole, 15w. EM70af on 10.123.02 Mhz

Rick KD4JRX FM14 SENDING EVERY 5MINS ON 10.123.02
Merry Christmas es Happy New Year

.

3727. Latest update

Yahoo group: V4Protocol
Date: 2013-12-21 14:42:28 UTC
From: Don Poaps
Topic: 3727 Message: 3727

I did have radio control running on previous version. This update the
Kenwood not showing, Don't asked me about FT920. I won't have access to
that radio till the new year.

73

Don va7dgp

Merry Christmas and a Happy New Year..,
Oh oh hum bug. ;)

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3728. Re: [V4Protocol] Beacon With FEC RBST NOW 10.123.02

Yahoo group: V4Protocol
Date: 2013-12-21 14:44:35 UTC
From: ric5
Topic: 3722 Message: 3728

Again the only person I can get 100% print from is H4FEC de N4AY 80m dipole, 15W Panama City Beach. FL) on 10.123.02 .
Not sure why? Seems everyone is off center on the wall one side or the other??

From: ric5
Sent: Saturday, December 21, 2013 9:24 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Beacon With FEC RBST NOW 10.123.02

Good print here on H4FEC de N4AY 80m dipole, 15w. EM70af on 10.123.02 Mhz

Rick KD4JRX FM14 SENDING EVERY 5MINS ON 10.123.02
Merry Christmas es Happy New Year

.

3729. Re: Latest update

Yahoo group: V4Protocol
Date: 2013-12-21 14:45:40 UTC
From: Don Poaps
Topic: 3727 Message: 3729

Update:

Turned off H4CHAT and restarted it. freq controlled showed up. Spoke to soon my bad.

73

Don va7dgp

On Saturday, December 21, 2013, Don Poaps wrote:

> I did have radio control running on previous version. This update the
> Kenwood not showing, Don't asked me about FT920. I won't have access to
> that radio till the new year.
>
> 73
>
> Don va7dgp
>
> Merry Christmas and a Happy New Year..,
> Oh oh hum bug. ;)
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Metrotown Salvation Army Community Church Member
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3730. Re: [V4Protocol] Beacon With FEC RBST NOW 10.123.02

Yahoo group: V4Protocol
Date: 2013-12-21 14:48:44 UTC
From: Hoby KK8G
Topic: 3722 Message: 3730

Not at the screen very often. Printed KN6KB, WA4BDS (sorry I wasn't near when you called me), W4WNT, KD4JRX, K1DOW... Hope I didn't miss many, trying to scroll back and get the incoming at the same time..
Hoby KK8G SW MI/EN62tc

----- Original Message -----
From: ric5
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 21, 2013 9:24 AM
Subject: Re: [V4Protocol] Beacon With FEC RBST NOW 10.123.02

Good print here on H4FEC de N4AY 80m dipole, 15w. EM70af on 10.123.02 Mhz

Rick KD4JRX FM14 SENDING EVERY 5MINS ON 10.123.02
Merry Christmas es Happy New Year

.

3731. RE: [V4Protocol] Beacon With FEC RBST NOW 10.123.02

Yahoo group: V4Protocol
Date: 2013-12-21 16:15:57 UTC
From: MICHEL F1ABL
Topic: 3722 Message: 3731

See nothing from USA
Just Beacon LA5VNA and M0GNM
Start Beacon FEC RBST all 5Mnn at 16h12UTC 10.123 Mhz

73 to all Michel
.

To: V4Protocol@yahoogroups.com
From: kk8g@...
Date: Sat, 21 Dec 2013 09:48:44 -0500
Subject: Re: [V4Protocol] Beacon With FEC RBST NOW 10.123.02

Not at the screen very often. Printed KN6KB, WA4BDS
(sorry I wasn't near when you called me), W4WNT, KD4JRX, K1DOW... Hope I didn't miss many,
trying to scroll back and get the
incoming at the same time..
Hoby KK8G SW MI/EN62tc

----- Original Message -----
From:
ric5
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 21, 2013 9:24
AM
Subject: Re: [V4Protocol] Beacon With FEC
RBST NOW 10.123.02

Good print here on H4FEC de N4AY 80m
dipole, 15w. EM70af on 10.123.02 Mhz

Rick KD4JRX FM14 SENDING EVERY 5MINS ON
10.123.02

Merry Christmas es Happy New
Year

.

3732. Re: [V4Protocol] Beacon With FEC RBST NOW 10.123.02

Yahoo group: V4Protocol
Date: 2013-12-21 16:40:51 UTC
From: ric5
Topic: 3722 Message: 3732

90% I what I see this when someone transmit?...
çà⋆È¸.SA¥Uß¥YAA…h HOB>š r
ÄéM¥QoŸJ^èQEŠ¢(ªN<‰Øµ-Hæ?7Fl$f‰óTÕKä0Ú-dY>&Cx?Nl:Õ7¥_/()tW♯2J„Ðž†…›Úhæw•‰×Ä¹×}ŠèÄ“†3J
Eå{b¸¬R2♯šx?AëaÇ½?ô¹WÙ'Ã?L^ð,Ë÷‘B„k¨8cÅv©ýo¹o® ⋆⋆⋆ Robust FEC Beacon sent @ 2013/12/21 16:34:42 UTC
I tried 3 radios different including my Flex, and a desktop along with a laptop??
Rick Kd4jrx FM14

From: MICHEL F1ABL
Sent: Saturday, December 21, 2013 11:15 AM
To: V4Chat V4 Yahoo
Subject: RE: [V4Protocol] Beacon With FEC RBST NOW 10.123.02

See nothing from USA
Just Beacon LA5VNA and M0GNM
Start Beacon FEC RBST all 5Mnn at 16h12UTC 10.123 Mhz

73 to all Michel
.

To: V4Protocol@yahoogroups.com
From: kk8g@...
Date: Sat, 21 Dec 2013 09:48:44 -0500
Subject: Re: [V4Protocol] Beacon With FEC RBST NOW 10.123.02

Not at the screen very often. Printed KN6KB, WA4BDS (sorry I wasn't near when you called me), W4WNT, KD4JRX, K1DOW... Hope I didn't miss many, trying to scroll back and get the incoming at the same time..
Hoby KK8G SW MI/EN62tc

----- Original Message -----
From: ric5
To: V4Protocol@yahoogroups.com
Sent: Saturday, December 21, 2013 9:24 AM
Subject: Re: [V4Protocol] Beacon With FEC RBST NOW 10.123.02

Good print here on H4FEC de N4AY 80m dipole, 15w. EM70af on 10.123.02 Mhz

Rick KD4JRX FM14 SENDING EVERY 5MINS ON 10.123.02
Merry Christmas es Happy New Year

.

3733. Beacon 28123

Yahoo group: V4Protocol
Date: 2013-12-21 16:55:39 UTC
From: Don Poaps
Topic: 3733 Message: 3733

QRV 28123

Don va7dgp

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3734. Re: [V4Protocol] Kd4jrx Beacon 28123

Yahoo group: V4Protocol
Date: 2013-12-21 17:01:41 UTC
From: ric5
Topic: 3733 Message: 3734

Like wise I'm QSY and QRV on 28.123 FEC RBST mode every 5 mins.

Rick Kd4jrx FM14 Watha NC

From: Don Poaps
Sent: Saturday, December 21, 2013 11:55 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Beacon 28123

QRV 28123

Don va7dgp

--

Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3735. RE: KN6KB H4 0.2.2.0 Robust FEC beacon on 10123.0 KHz

Yahoo group: V4Protocol
Date: 2013-12-21 19:06:36 UTC
From: <esunetdude@...>
Topic: 3719 Message: 3735

Hi Rick,

I did the autoupdate and the 0.2.2.0 version is running. I found I needed to change the Auto Tuning Range to 40 Hz for anything to decode. I also dropped the squelch to level 3. I copy your beacon and a beacon from KK8G perfectly. I had a QSO with WB2LOU using FEC RBST mode. The curious thing is that the entire QSO had extra characters after each block of the message was received. But this does not happen when receiving the beacons and those are also using FEC RBST. It appears the FEC RBST for the beacon is different than the FEC RBST used in regular keyboarding.

73 (and happy holidays to all)
Doug, N3JXB

3736. RE: [V4Protocol] RE: KN6KB H4 0.2.2.0 Robust FEC beacon on 10123.0 KHz

Yahoo group: V4Protocol
Date: 2013-12-21 19:42:23 UTC
From: Rick Muething
Topic: 3719 Message: 3736
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks Doug,

Well the tuning range just determines how far the tuning algorithm searches. Normally it should be 50 or above (that means if the station transmitting is within +/- 50 Hz of your dial it should tune and print… Setting it up to 100 will give you more tuning range but of course it could tune to an adjacent signal too. If you set much below 50 both stations have to have very accurate dials/oscillators. There is an indicator showing how far the other station is from you. + indicates the station is above your frequency.

Sending and reception of the beacon Robust text is exactly the same as normal Robust Text (keyboard or sending Files). I think what you are seeing is random sync detects which with the current logic will “print” in FEC robust mode. Probably I should change that making FEC robust mode only display FEC Robust or Monitored ARQ signals. FEC Robust uses specially tagged and formatted frames with a frame ID, a CRC check and a block of 8 Reed-Solomon second layer FEC. If I change that logic when in FEC Robust mode it should:

Print ARQ frames if received

Print Correctly received/corrected Robust FEC frames in Dark Blue bold type

Print uncorrectable Robust FEC frames in Red Strike-Thru text

Ignore (no print) of any random characters or syncs. (But it would also not print a normal FEC transmission either)

That would be an easy fix which I could get out tomorrow.

Thanks for the comments and feedback.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of esunetdude@...
Sent: Saturday, December 21, 2013 2:07 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: KN6KB H4 0.2.2.0 Robust FEC beacon on 10123.0 KHz

Hi Rick,

I did the autoupdate and the 0.2.2.0 version is running. I found I needed to change the Auto Tuning Range to 40 Hz for anything to decode. I also dropped the squelch to level 3. I copy your beacon and a beacon from KK8G perfectly. I had a QSO with WB2LOU using FEC RBST mode. The curious thing is that the entire QSO had extra characters after each block of the message was received. But this does not happen when receiving the beacons and those are also using FEC RBST. It appears the FEC RBST for the beacon is different than the FEC RBST used in regular keyboarding.

73 (and happy holidays to all)
Doug, N3JXB

3737. Re: [V4Protocol] KN6KB H4 0.2.2.0 Robust FEC beacon on 10123.0 KHz

Yahoo group: V4Protocol
Date: 2013-12-21 09:59:12 UTC
From: Don Poaps
Topic: 3719 Message: 3737

QRV 10124.5 CF (10123) Beacon 10 Min

Merry Christmas de va7dgp

On Fri, Dec 20, 2013 at 8:42 PM, Steve Michaels <panamasteve@...>wrote:

>
>
> Hi Rick--got some foreign broadcast tearing things up here in NW FL.
>
> 73,
> de N4AY
>
>
> On Fri, Dec 20, 2013 at 9:49 PM, Rick Muething <rmuething@...>wrote:
>
>>
>>
>> All,
>>
>>
>>
>> I have put the latest version on a 50 watt beacon on frequency 10123.0
>> USB dial approx. every 10 Minutes. This should “print” as Robust FEC text
>> when using the new version 0.2.2.0.
>>
>>
>>
>> 73,
>>
>>
>>
>> Rick KN6KB
>>
>>
>>
>>
>>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member

Metrotown Salvation Army Community Church Member

3738. Announcing CATfix -- a Christmas present for Kenwood radio owners

Yahoo group: V4Protocol
Date: 2013-12-21 20:32:28 UTC
From: Ian Wade G3NRW
Topic: 3738 Message: 3738

ANNOUNCING CATfix -- a new Windows utility that controls IF Filter switching and configures the radio for digital working.

CATfix OPTIONS
~~~~~~
1. Switching between the IF Filters when using SPLIT:

CATfix monitors the radio's TF-SET button, and (optionally) toggles between IF Filter A and IF Filter B when you press and release the button. This is especially useful when chasing a rare DX station that is working split – you can set up a narrow filter to listen on the DX station's TX frequency and a wider filter to monitor around your own TX frequency, then automatically toggle between the two filters as you press and release TF-SET.

~~~~~~
2. Setting up the radio for digital operation:

CATfix provides several options that help set up the radio for digital operation. These options let CATfix automatically:

*** Turn off Auto Information, to prevent overloading the input to application programs.
*** Lock the radio's front panel, to prevent accidental changes.
*** Set the power level (typically to a few watts).
*** Turn off the audio processor.
*** Switch both VFOs to upper sideband.

~~~~~~
3. "Fixing" the "TX" command:

CATfix has an option to change the "TX" (or "TX0") CAT command issued by an application program (such as MMTTY or Ham Radio Deluxe) to "TX1". This ensures the radio uses the TX audio that is input to the USB or ACC2 port, rather than via the mic socket.

~~~~~~

All of these options are individually configurable.

CATfix was written specifically for the TS-590S, but most of the functions should also work with other Kenwood radios, including the TS-990S and TS-2000 (and possibly others).

CATfix does not require any changes to application programs, other than changing the COM port they usually use to communicate with the radio. There is no need to apply any software patches. You run application programs in exactly the same way as usual.

==========

For the CATfix software and User Guide, go to the "TS-590S Resources Page":

http://homepage.ntlworld.com/wadei/ts-590s.htm

Then click on the red "CATFIX" button.

==========

And finally, Christmas/Holiday greetings to everyone. May the New Year keep you in good health!

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

The TS-990S Resources Page:
http://homepage.ntlworld.com/wadei/ts-990.htm

3739. RE: [V4Protocol] Upated version of Chat 0.2.2.0 and H4 TNC 0.2.2.0 Posted on Autoupdate server and V4 Protocol FTP site

Yahoo group: V4Protocol
Date: 2013-12-21 15:44:53 UTC
From: John Wiseman
Topic: 3718 Message: 3739

Hi Rick,

Is there a spec yet for the programmer's interface to the H4TNC?

Thanks,
John G8BPQ

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: 21 December 2013 03:18
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Upated version of Chat 0.2.2.0 and H4 TNC 0.2.2.0 Posted on Autoupdate server and V4 Protocol FTP site

All,

I have posted this major update on the Autoupdate server and also a full install on the V4Protocol Yahoo FTP site. The full install is also placed on the Winlink FTP site ftp://autoupdate.winlink.org/User%20Programs/ if someone has a problem with the Yahoo site.

This is a major update and while all the ARQ code and functions are in they aren't fully tested. So I have only enabled a few of the ARQ functions because otherwise it would just confuse everyone. I am leaving for a week on Monday so I only have this weekend to make any small updates.

This version now also includes a new more robust mode FEC RBST (Robust FEC) which has two levels of FEC (Hamming encoding inner layer, Reed-Solomon outer layer) for more robustness. This mode can be used to send large text files or multi cast broadcasts to multiple users.

The ARQ implementation is clean but it needs optimization for automatic round trip calculation and optimization along with expanded busy channel detection and the ever tricky IRS <> ISS exchange verification and optimization. There are however accurate State diagrams in the help and a complete H4 Protocol document on the Yahoo FTP site for those interested.

One feature I was able to make work is that it is now possible (independent of mode FEC, FEC FD, FEC RBST, ARQ) to display data from all modes. This will be very helpful and minimize most need for mode switching.

The Help files have all been updated and should be fairly complete now except for detailed operating instructions for ARQ.

You will see that two of the ARQ functions (ARQ Call and ARQ Answer CQ) are disabled in this release. I am still testing and optimizing these. You can "play around" however with ARQ ID and ARQ CQ (though no one can answer your ARQ CQ!).

The Beacon now is also sent using FEC ROBUST and should show fewer errors and if errors are uncorrectable will be shown in Red strike Thru text.

Your feedback is requested but I will probably not be able to do much for at least a week.

Please let me know if something that the help says should work is not.&nbs p; I know about the ARQ stuff. Also this is not yet the time for bells, whistles and fluff additions.let's wait until ARQ is working smoothly.

A Merry Christmas and Happy New year to all.

73,

Rick Muething, KN6KB

3740. RE: [V4Protocol] Upated version of Chat 0.2.2.0 and H4 TNC 0.2.2.0 Posted on Autoupdate server and V4 Protocol FTP site

Yahoo group: V4Protocol
Date: 2013-12-21 20:49:34 UTC
From: Rick Muething
Topic: 3718 Message: 3740
Attachments: 2 described; binary payloads are missing from this source WARC

John,

Not yet .it is basically similar to V4 but the commands are different. I probably won't be able to get you one for a couple of weeks.

73,

Rick

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of John Wiseman
Sent: Saturday, December 21, 2013 10:45 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Upated version of Chat 0.2.2.0 and H4 TNC 0.2.2.0 Posted on Autoupdate server and V4 Protocol FTP site

Hi Rick,

Is there a spec yet for the programmer's interface to the H4TNC?

Thanks,

John G8BPQ

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: 21 December 2013 03:18
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Upated version of Chat 0.2.2.0 and H4 TNC 0.2.2.0 Posted on Autoupdate server and V4 Protocol FTP site

All,

I have posted this major update on the Autoupdate server and also a full install on the V4Protocol Yahoo FTP site. The full install is also placed on the Winlink FTP site ftp://autoupdate.winlink.org/User%20Programs/ if someone has a problem with the Yahoo site.

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You will see that two of the ARQ functions (ARQ Call and ARQ Answer CQ) are disabled in this release. I am still testing and optimizing these. You can "play around" however with ARQ ID and ARQ CQ (though no one can answer your ARQ CQ!).

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Your feedback is requested but I will probably not be able to do much for at least a week.

Please let me know if something that the help says should work is not.&nbs p; I know about the ARQ stuff. Also this is not yet the time for bells, whistles and fluff additions.let's wait until ARQ is working smoothly.

A Merry Christmas and Happy New year to all.

73,

Rick Muething, KN6KB

3741. Beaconing FEC RBST ver 0.2.2.0

Yahoo group: V4Protocol
Date: 2013-12-22 00:17:28 UTC
From: dk3cw@...
Topic: 3741 Message: 3741

Beaconing every 20 minutes on 7049,5 USB in FEC RBST using ver 0.2.2.0.

DigiMode Monitor livestream: http://dk3cw.no-ip.org:8080

vy 73 de Jakob DK3CW

EmComm liaison officer Frankfurt / Main
Maintainer of RMS 4F7FDM & EA3DKP
www.dk3cw.de

When All Else Fails, Ham Radio Works

Alle Postfächer an einem Ort. Jetzt wechseln und E-Mail-Adresse mitnehmen! Rundum glücklich mit freenetMail

3742. RE: [V4Protocol] Beaconing FEC RBST ver 0.2.2.0

Yahoo group: V4Protocol
Date: 2013-12-22 11:02:30 UTC
From: dk3cw@...
Topic: 3741 Message: 3742

Copied test beacon from S57MK (JN75CW) and CQ from OZ1PMX on 7049,5 USB in FEC RBST last night.

vy 73 de Jakob DK3CW

EmComm liaison officer Frankfurt / Main
www.dk3cw.de

When All Else Fails, Ham Radio Works

-----Ursprüngliche Nachricht-----
Von: dk3cw@xyz.de
Gesendet: So. 22.12.2013 01:17
An: V4Protocol@yahoogroups.com
Betreff: [V4Protocol] Beaconing FEC RBST ver 0.2.2.0

  Beaconing every 20 minutes on 7049,5 USB in FEC RBST using ver 0.2.2.0.

DigiMode Monitor livestream: http://dk3cw.no-ip.org:8080

vy 73 de Jakob DK3CW

EmComm liaison officer Frankfurt / Main
Maintainer of RMS 4F7FDM & EA3DKP
www.dk3cw.de

When All Else Fails, Ham Radio Works

Alle Postfächer an einem Ort. Jetzt wechseln und E-Mail-Adresse mitnehmen! Rundum glücklich mit freenetMail
-----Ursprüngliche Nachricht Ende-----

Alle Postfächer an einem Ort. Jetzt wechseln und E-Mail-Adresse mitnehmen! Rundum glücklich mit freenetMail

3743. H4CHAT Beacon 28123

Yahoo group: V4Protocol
Date: 2013-12-22 15:48:05 UTC
From: <va7dgp@...>
Topic: 3743 Message: 3743

QRV with Beaconing on 28123

73

Don VA7DGP

3744. Re: [V4Protocol] H4CHAT Beacon 28123

Yahoo group: V4Protocol
Date: 2013-12-22 16:33:52 UTC
From: on2ad.pat@...
Topic: 3743 Message: 3744

Nothing to see Don ??

73 de Pat, ON2AD

From: va7dgp@...
Sent: Sunday, December 22, 2013 4:48 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] H4CHAT Beacon 28123

QRV with Beaconing on 28123

73

Don VA7DGP

3745. RE: [V4Protocol] H4CHAT Beacon 28123

Yahoo group: V4Protocol
Date: 2013-12-22 16:58:50 UTC
From: MICHEL F1ABL
Topic: 3743 Message: 3745

see nothing also
Beacon starting 15h57 UTC FEC RBST all 5mn 28.123 Mhz
73 Michel

To: V4Protocol@yahoogroups.com
From: on2ad.pat@...
Date: Sun, 22 Dec 2013 17:33:52 +0100
Subject: Re: [V4Protocol] H4CHAT Beacon 28123

Nothing to see Don ??

73 de Pat, ON2AD

From: va7dgp@...
Sent: Sunday, December 22, 2013 4:48 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] H4CHAT Beacon 28123

QRV with Beaconing on 28123

73

Don VA7DGP

3746. Re: [V4Protocol] H4CHAT Beacon 28123

Yahoo group: V4Protocol
Date: 2013-12-22 17:13:24 UTC
From: Don Poaps
Topic: 3743 Message: 3746

We are 3 hours behind east coast. Depends on when band wakes up I guess.

73

Don

On Sunday, December 22, 2013, MICHEL F1ABL wrote:

>
>
> see nothing also
> Beacon starting 15h57 UTC FEC RBST all 5mn 28.123 Mhz
> 73 Michel
>
> ------------------------------
> To: V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>
> From: on2ad.pat@gmail.com <javascript:_e({}, 'cvml',
> 'on2ad.pat@...');>
> Date: Sun, 22 Dec 2013 17:33:52 +0100
> Subject: Re: [V4Protocol] H4CHAT Beacon 28123
>
>
>
> Nothing to see Don ??
>
> 73 de Pat, ON2AD
>
> *From:* va7dgp@gmail.com <javascript:_e({}, 'cvml', 'va7dgp@...');>
> *Sent:* Sunday, December 22, 2013 4:48 PM
> *To:* V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>
> *Subject:* [V4Protocol] H4CHAT Beacon 28123
>
>
>
> QRV with Beaconing on 28123
>
> 73
>
> Don VA7DGP
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3747. Re: [V4Protocol] H4CHAT Beacon 10.123

Yahoo group: V4Protocol
Date: 2013-12-22 22:09:11 UTC
From: Dale Urban
Topic: 3747 Message: 3747

Beaconing 10.123 dial USB from sw kansas H4 N0KQX

Sent from my iPad

>
>
>
>

3748. Re: [V4Protocol] H4CHAT Beacon 10.123

Yahoo group: V4Protocol
Date: 2013-12-22 22:30:47 UTC
From: F S
Topic: 3747 Message: 3748

CQ ARQ<N0KQX] [CQ ARQ<N0KQX2] [CQ ARQ<N0KQX] [CQ ARQ<N0KQX] ã>‡4óŽú¹Îúé
DE N0KQX DM97nx
=;<WãõÁßMRwÛmïl¶Åæ*øëüËbeÚ§tš=^82›
DE N0KQX DüÌGG±ô&¡¢uÇ×=‡àòŒñðŠPz“Úxˆ

copying you in SE Louisiana

Frank WA5VCS

From: Dale Urban <chiefsfan2@...>
To: "V4Protocol@yahoogroups.com" <V4Protocol@yahoogroups.com>
Sent: Sunday, December 22, 2013 4:09 PM
Subject: Re: [V4Protocol] H4CHAT Beacon 10.123

Beaconing 10.123 dial USB from sw kansas H4 N0KQX

Sent from my iPad

>
>
>

3749. LeSueur Mn

Yahoo group: V4Protocol
Date: 2013-12-22 22:36:34 UTC
From: wb0kgn@...
Topic: 3749 Message: 3749

*** Freq Changed: 10123.000 KHz Dial
t Eçìá²9ä¬R–M95 NC k

À
ÊFC È□gMZE WA6.TTVD Reno, NV. 80 Watts, Long WirM95 NC kv

3750. RE: [V4Protocol] Upated version of Chat 0.2.2.0 and H4 TNC 0.2.2.0 Posted on Autoupdate server and V4 Protocol FTP site

Yahoo group: V4Protocol
Date: 2013-12-23 15:40:17 UTC
From: John Wiseman
Topic: 3718 Message: 3750

Thanks, Rick.

I have a user wanting to try H4 with BPQ32 as soon as ARQ is working.

73, John

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: 21 December 2013 20:50
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Upated version of Chat 0.2.2.0 and H4 TNC 0.2.2.0 Posted on Autoupdate server and V4 Protocol FTP site

John,

Not yet .it is basically similar to V4 but the commands are different. I probably won't be able to get you one for a couple of weeks.

73,
Rick

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of John Wiseman
Sent: Saturday, December 21, 2013 10:45 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Upated version of Chat 0.2.2.0 and H4 TNC 0.2.2.0 Posted on Autoupdate server and V4 Protocol FTP site

Hi Rick,

Is there a spec yet for the programmer's interface to the H4TNC?

Thanks,

John G8BPQ

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: 21 December 2013 03:18
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Upated version of Chat 0.2.2.0 and H4 TNC 0.2.2.0 Posted on Autoupdate server and V4 Protocol FTP site

All,

I have posted this major update on the Autoupdate server and also a full install on the V4Protocol Yahoo FTP site. The full install is also placed on the Winlink FTP site ftp://autoupdate.winlink.org/User%20Programs/ if someone has a problem with the Yahoo site.

This is a major update and while all the ARQ code and functions are in they aren't fully tested. So I have only enabled a few of the ARQ functions because otherwise it would just confuse everyone. I am leaving for a week on Monday so I only have this weekend to make any small updates.

This version now also includes a new more robust mode FEC RBST (Robust FEC) which has two levels of FEC (Hamming encoding inner layer, Reed-Solomon outer layer) for more robustness. This mode can be used to send large text files or multi cast broadcasts to multiple users.

The ARQ implementation is clean but it needs optimization for automatic round trip calculation and optimization along with expanded busy channel detection and the ever tricky I RS <> ISS exchange verification and optimization. There are however accurate State diagrams in the help and a complete H4 Protocol document on the Yahoo FTP site for those interested.

One feature I was able to make work is that it is now possible (independent of mode FEC, FEC FD, FEC RBST, ARQ) to display data from all modes. This will be very helpful and minimize most need for mode switching.

The Help files have all been updated and should be fairly complete now except for detailed operating instructions for ARQ.

You will see that two of the ARQ functions (ARQ Call and ARQ Answer CQ) are disabled in this release. I am still testing and optimizing these. You can "play around" however with ARQ ID and ARQ CQ (though no one can answer your ARQ CQ!).

The Beacon now is also sent using FEC ROBUST and should show fewer er rors and if errors are uncorrectable will be shown in Red strike Thru text.

Your feedback is requested but I will probably not be able to do much for at least a week.

Please let me know if something that the help says should work is not.&nbs p; I know about the ARQ stuff. Also this is not yet the time for bells, whistles and fluff additions.let's wait until ARQ is working smoothly.

A Merry Christmas and Happy New year to all.

73,

Rick Muething, KN6KB

3751. What files do I need?

Yahoo group: V4Protocol
Date: 2013-12-24 12:43:45 UTC
From: <prc64@...>
Topic: 3751 Message: 3751

Please excuse my ignorance. But what files do I need to download and install to get V4/H4 going? Thanks

3752. Re: [V4Protocol] What files do I need?

Yahoo group: V4Protocol
Date: 2013-12-24 14:18:23 UTC
From: RICK WESTERFIELD
Topic: 3751 Message: 3752

Go to the Files area of this Yahoo Group and download the latest which I think is 0.2.2. You will need to uninstall any previous version of H4 but any previous version of V4 can remain as is.

Rick KH2DF

Sent from Yahoo Mail on Android

3753. V4 vs. Winmor

Yahoo group: V4Protocol
Date: 2013-12-25 12:02:11 UTC
From: Dean
Topic: 3753 Message: 3753

How does the V4 or H4 protocol compare with Winmor 1600 in terms of speed and poor signal conditions? And *if* V4 or H4 is superior to Winmor 1600, why are we still using Winmor? And I'm new here, and know very little about these various protocols, but may I suggest that someone *please* develop a software based protocol that will be as robust as Pactor 4, or possibly evensuperior?

(((73))), Dean
CA1JDM

3754. Re: [V4Protocol] V4 vs. Winmor

Yahoo group: V4Protocol
Date: 2013-12-25 13:25:02 UTC
From: RICK WESTERFIELD
Topic: 3753 Message: 3754

H4 is more robust than V4 and somewhat faster. It is for text chat messaging rather than for the email and file attachment methods that WINMOR supports.

Winmor is faster mostly because it is wider though that is not the complete story here.

It is going to be tough to beat Pactor 4 in an SCS modem with that rock crushingly powerful DSP chip at a competitive price. A computer sound card will not do it so do not hold your breath. Winmor and RMS Express do very well in that effort though.

Rick KH2DF

Sent from Yahoo Mail on Android

3755. Re: [V4Protocol] V4 vs. Winmor

Yahoo group: V4Protocol
Date: 2013-12-25 13:43:50 UTC
From: Dean
Topic: 3753 Message: 3755

Rick, is the DSP chip in P4 Dragons a unique chip make special for SGS? Or is the same DSP chip commercially available, or is it also being used in other high-end sound cards?
You say a computer sound card will not do it, but a simple search turns up all these DSP sound cards that are even *more* expensive than the P4 ... examples here: http://www.zzounds.com/cat--DSP-Cards--2428 So, first, does anyone know exactly what the main DSP chip in the P4 is? Do the high-end sound cards use a totally different DSP architecture or technology? I'm asking questions to stimulate thinking. When I was younger I was taught that no matter how something is being done, "there is always a better way".

On 12/25/2013 10:25 AM, RICK WESTERFIELD wrote:
>
> H4 is more robust than V4 and somewhat faster. It is for text chat
> messaging rather than for the email and file attachment methods that
> WINMOR supports.
>
> Winmor is faster mostly because it is wider though that is not the
> complete story here.
>
> It is going to be tough to beat Pactor 4 in an SCS modem with that
> rock crushingly powerful DSP chip at a competitive price. A computer
> sound card will not do it so do not hold your breath. Winmor and RMS
> Express do very well in that effort though.
>
> Rick KH2DF
>
> Sent from Yahoo Mail on Android
> <http://overview.mail.yahoo.com/mobile/?.src=Android>
>
>
> ---
> *From: * Dean <dean243@...>;
> *To: * <V4Protocol@yahoogroups.com>;
> *Subject: * [V4Protocol] V4 vs. Winmor
> *Sent: * Wed, Dec 25, 2013 12:02:11 PM
>
> How does the V4 or H4 protocol compare with Winmor 1600 in terms of
> speed and poor signal conditions? And *if* V4 or H4 is superior to
> Winmor 1600, why are we still using Winmor? And I'm new here, and
> know very little about these various protocols, but may I suggest that
> someone *please* develop a software based protocol that will be as
> robust as Pactor 4, or possibly evensuperior?
>

> (((73))), Dean
> CA1JDM
>
>

3756. AW: Re: [V4Protocol] V4 vs. Winmor

Yahoo group: V4Protocol
Date: 2013-12-26 06:14:14 UTC
From: Tom DF5JL
Topic: 3756 Message: 3756

Hi Dave,

You are asking: "... is the DSP chip in P4 Dragons a unique chip make special for SGS?"

It is a quad core DSP chip from Freescale, 64 bit, 6400 mips. But the core of the process the P4Dragon is doing so well is not the chip, but the SCS algorithm. This one is not open source, but licenced when you are buying a DR-7800.

73 Tom DF5JL

3757. Re: [V4Protocol] V4 vs. Winmor

Yahoo group: V4Protocol
Date: 2013-12-26 17:07:27 UTC
From: Rick Muething
Topic: 3753 Message: 3757

Dean, All,

One needs to understand what is really meant by DSP. The sound card (now days typically a $1-3 chip) simply samples the analog audio (or in some cases IF) from the radio and puts it into a stream of digital numbers (samples). After that DSP means that all/most the conventional things done in a radio (demodulation, filtering, etc.) are all done digitally instead of using analog components. The kind of things we do for digital protocols also includes other processing like decoding (e.g. Viterbi, Hamming, Reed-Solomon, etc.) and these things may be done with DSP or conventional programming. The dedicated DSP chips simply do arithmetic (mostly multiplies and adds) very quickly allowing more processing than is practical on a simple PC.

When you talk about a SCS TNC or a WINMOR TNC or any other popular protocol the “smarts” or proprietary nature is not in the chips or even in the basic DSP code itself (e.g. Filters or FFT). It is in the design of the protocol and the knowhow on how to implement it. That is the same proprietary mechanism that protects any software, OS, etc. Several years ago I was consulting for a Chinese company and was having trouble communicating (through an interpreter) to the owner why certain software costs so much. He kept trying to relate the value of the software to the $.25 CD it was distributed on. I finally made my point by holding up two CDs and saying one was blank and the other had the closing values of tomorrows stock market on it and asked him which he thought was the more valuable! (No I don’t know how to predict the closing values of tomorrows stock market!)

My understanding is that SCS is a private company. It probably has employee shareholders (owners) and perhaps investors that put up money (bought stock) that helped finance the development of these proprietary protocols and implement them. Those owners and stockholders have every right to charge for their product and to license it as they see fit. The marketplace then decides if their product and price is competitive and if the company survives or makes money. All this is basic capitalism. I think some that complain about proprietary nature of Pactor or other protocols simply don’t understand the basics of capitalism and the value of intellectual property. Anyone with the proper skills and willing to spend enough time can build a protocol and can then choose to sell it, license it or give it away. But the reality of this technology is unless you are one of the relatively few that has the skills and knowledge to do this and are willing to donate all your time you aren’t likely to give it all away. Protocols like Pactor 3 and Pactor 4 took MANY man years of professional engineering effort to develop, test and deploy. Most companies that I am aware of that choose to do this as a business are not likely to donate this kind of proprietary technology so anyone that can copy a CD or memory chip can duplicate it. I think those that complain about proprietary issues should ask what would I want if I were a stockholder in such a company.

So it is not an issue of DSP or sound card chips (there are many good low cost sources for these that can do what needs to be done) It is the effort of putting together every thing needed to make these work and implement a complex protocol. This intellectual property is where the value is NOT the cost of the chips.

73,

Rick Muething, KN6KB

From: Dean
Sent: Wednesday, December 25, 2013 8:43 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4 vs. Winmor

Rick, is the DSP chip in P4 Dragons a unique chip make special for SGS? Or is the same DSP chip commercially available, or is it also being used in other high-end sound cards? You say a computer sound card will not do it, but a simple search turns up all these DSP sound cards that are even *more* expensive than the P4 ... examples here: http://www.zzounds.com/cat--DSP-Cards--2428 So, first, does anyone know exactly what the main DSP chip in the P4 is? Do the high-end sound cards use a totally different DSP architecture or technology? I'm asking questions to stimulate thinking. When I was younger I was taught that no matter how something is being done, "there is always a better way".

On 12/25/2013 10:25 AM, RICK WESTERFIELD wrote:

H4 is more robust than V4 and somewhat faster. It is for text chat messaging rather than for the email and file attachment methods that WINMOR supports.

Winmor is faster mostly because it is wider though that is not the complete story here.

It is going to be tough to beat Pactor 4 in an SCS modem with that rock crushingly powerful DSP chip at a competitive price. A computer sound card will not do it so do not hold your breath. Winmor and RMS Express do very well in that effort though.

Rick KH2DF

Sent from Yahoo Mail on Android

From: Dean mailto:dean243@swift-mail.com;
To: mailto:V4Protocol@yahoogroups.com;
Subject: [V4Protocol] V4 vs. Winmor
Sent: Wed, Dec 25, 2013 12:02:11 PM

How does the V4 or H4 protocol compare with Winmor 1600 in terms of speed and poor signal conditions? And *if* V4 or H4 is superior to Winmor 1600, why are we still using Winmor? And I'm new here, and know very little about these various protocols, but may I suggest that someone *please* develop a software based protocol that will be as robust as Pactor 4, or possibly even superior?

(((73))), Dean
CA1JDM

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3658/6942 - Release Date: 12/22/13

3758. Re: [V4Protocol] V4 vs. Winmor

Yahoo group: V4Protocol
Date: 2013-12-26 17:45:41 UTC
From: Dean
Topic: 3753 Message: 3758

Rick,

I am perhaps one of the most capitalistic people on this board. For years I worked in engineering and later in purchasing for a metal products manufacturing company with roughly 600 employees. My actual title was Vice President, Purchasing. One reason for my transition into purchasing was that I realized that every business in the world, regardless of how small or large, is in business for one reason and one reason only, and that is to make a profit. And I questioned every purchase very carefully and analytically by asking myself the question, "How will this purchase contribute to the our company's bottom line?" So I agree with you completely that SCS has every right to make a decent profit on their tremendous investment in order to be justly compensated and rewarded for their efforts.

But we are hams, and this is not a business that requires and has profitability as a goal. As for myself, I enjoy the hobby, but I admit Ihave zero capability in electronic designs, mathematical algorithms, etc. But at the same time, I repeat, there has to be a better way. Perhaps there needs to be a better quality more advanced SignaLink USB, I don't know! Surely we all know that something better, faster, and cheaper will replace the Pactor mode of communications, so why not do it now rather than waiting ten years for it? Winmor is certainly a step in that direction, but I'm trying to encourage someone, or maybe a group, to go on to the next step up, or two steps up. That's why I was asking about V4 or H4. When I was a kid, all radios had tubes in them that had to warm up. Then came along transistors. But never mind all that!

(((73))), Dean
CA1JDM

On 12/26/2013 2:07 PM, Rick Muething wrote:
>
> Dean, All,
> One needs to understand what is really meant by DSP. The sound card
> (now days typically a $1-3 chip) simply samples the analog audio (or
> in some cases IF) from the radio and puts it into a stream of digital
> numbers (samples). After that DSP means that all/most the
> conventional things done in a radio (demodulation, filtering, etc.)
> are all done digitally instead of using analog components. The kind
> of things we do for digital protocols also includes other processing
> like decoding (e.g. Viterbi, Hamming, Reed-Solomon, etc.) and these
> things may be done with DSP or conventional programming. The
> dedicated DSP chips simply do arithmetic (mostly multiplies and adds)
> very quickly allowing more processing than is practical on a simple PC.
> When you talk about a SCS TNC or a WINMOR TNC or any other popular

> protocol the “smarts” or proprietary nature is not in the chips or
> even in the basic DSP code itself (e.g. Filters or FFT). It is in the
> design of the protocol and the knowhow on how to implement it. That
> is the same proprietary mechanism that protects any software, OS, etc.
> Several years ago I was consulting for a Chinese company and was
> having trouble communicating (through an interpreter) to the owner why
> certain software costs so much. He kept trying to relate the value of
> the software to the $.25 CD it was distributed on. I finally made my
> point by holding up two CDs and saying one was blank and the other had
> the closing values of tomorrows stock market on it and asked him which
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> (bought stock) that helped finance the development of these
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> license it as they see fit. The marketplace then decides if their
> product and price is competitive and if the company survives or makes
> money. All this is basic capitalism. I think some that complain
> about proprietary nature of Pactor or other protocols simply don’t
> understand the basics of capitalism and the value of intellectual
> property. Anyone with the proper skills and willing to spend enough
> time can build a protocol and can then choose to sell it, license it
> or give it away. But the reality of this technology is unless you are
> one of the relatively few that has the skills and knowledge to do this
> and are willing to donate all your time you aren’t likely to give it
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> professional engineering effort to develop, test and deploy. Most
> companies that I am aware of that choose to do this as a business are
> not likely to donate this kind of proprietary technology so anyone
> that can copy a CD or memory chip can duplicate it. I think those
> that complain about proprietary issues should ask what would I want if
> I were a stockholder in such a company.
> So it is not an issue of DSP or sound card chips (there are many good
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> the effort of putting together every thing needed to make these work
> and implement a complex protocol. This intellectual property is where
> the value is NOT the cost of the chips.
> 73,
> Rick Muething, KN6KB
> *From:* Dean <mailto:dean243@...>
> *Sent:* Wednesday, December 25, 2013 8:43 AM
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Subject:* Re: [V4Protocol] V4 vs. Winmor
>
> Rick, is the DSP chip in P4 Dragons a unique chip make special for
> SGS? Or is the same DSP chip commercially available, or is it also
> being used in other high-end sound cards?
> You say a computer sound card will not do it, but a simple search

> turns up all these DSP sound cards that are even *more* expensive than
> the P4 ... examples here: http://www.zzounds.com/cat--DSP-Cards--2428
> So, first, does anyone know exactly what the main DSP chip in the P4
> is? Do the high-end sound cards use a totally different DSP
> architecture or technology? I'm asking questions to stimulate
> thinking. When I was younger I was taught that no matter how something
> is being done, "there is always a better way".
>
>
> On 12/25/2013 10:25 AM, RICK WESTERFIELD wrote:
>>
>> H4 is more robust than V4 and somewhat faster. It is for text chat
>> messaging rather than for the email and file attachment methods that
>> WINMOR supports.
>>
>> Winmor is faster mostly because it is wider though that is not the
>> complete story here.
>>
>> It is going to be tough to beat Pactor 4 in an SCS modem with that
>> rock crushingly powerful DSP chip at a competitive price. A computer
>> sound card will not do it so do not hold your breath. Winmor and RMS
>> Express do very well in that effort though.
>>
>> Rick KH2DF
>>
>> Sent from Yahoo Mail on Android
>> <http://overview.mail.yahoo.com/mobile/?.src=Android>
>>
>> ---
>> *From: *Dean mailto:dean243@...;
>> *To: *mailto:V4Protocol@yahoogroups.com;
>> *Subject: *[V4Protocol] V4 vs. Winmor
>> *Sent: *Wed, Dec 25, 2013 12:02:11 PM
>>
>> How does the V4 or H4 protocol compare with Winmor 1600 in terms of
>> speed and poor signal conditions? And *if* V4 or H4 is superior to
>> Winmor 1600, why are we still using Winmor? And I'm new here, and
>> know very little about these various protocols, but may I suggest
>> that someone *please* develop a software based protocol that will be
>> as robust as Pactor 4, or possibly evensuperior?
>>
>> (((73))), Dean
>> CA1JDM
>>
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2014.0.4259 / Virus Database: 3658/6942 - Release Date: 12/22/13
>
>

3759. default frequencies

Yahoo group: V4Protocol
Date: 2013-12-26 20:27:31 UTC
From: <jgmags2000@...>
Topic: 3759 Message: 3759

Is there a plan or consensus for V4 and H4 default frequencies for all bands?

73, John KJ1J

3760. Few best ways to know the advantage of Amazon coupon 10%

Yahoo group: V4Protocol
Date: 2013-12-28 09:33:08 UTC
From: <haileecbg@...>
Topic: 3760 Message: 3760

Few best ways to know the advantage of Amazon coupon 10% http://amazoncoupon10percentdiscount.blogspot.in/2013/12/few-best-ways-to-know-advantage-of.html

Amazon is known for selling some of the best discounted merchandise and it is now possible to find some of the best and exceptional bargains with the help of coupons. With the help of these deals it is possible to add up some of the best savings even as you shop big on amazon merchandise.

Let us discuss how to save big with Amazon. For people who have never used the superstore for shopping, the initial step is to get themselves familiarized with how it works and what varieties of merchandise are sold here. Amazon, indeed sells everything from clothing to furniture’s to groceries etc.

After choosing what to shop from Amazon, the next important step is to find for amazon coupon ; this is a very basic deal from amazon and offers flat 10% off on merchandise. Other different ways to save money with amazon are to take advantage of its shipping discounts, percentage offers, buy one get one free offers etc. these coupons have their own barcodes and could be applied at the time of checkout process.

These amazon coupon 10% http://showcouponcodes.com/amazon/ could be located at both amazon website and from numerous third party websites that carry coupons of amazon and its competitors for the best benefit of their visitors. Users have to check out the amazon coupon code http://showcouponcodes.com/amazon/ on the home page of the website for specific discounts and they indeed could benefit with offer having as high as 70% discount. Amazon has other deeply discounted merchandise as well that are sold as part of their clearance sale. It is possible to save as high as up to 90% through this.

Thus, a little time and research could help people save in many different ways with Amazon.com and it is important to use these coupons then and there when they are still valid.

3762. Re: [V4Protocol] default frequencies

Yahoo group: V4Protocol
Date: 2013-12-28 13:00:08 UTC
From: Dean
Topic: 3759 Message: 3762

John did you get an answer to this? I'd like to know also!
Also, how can I find a list of V4 users? I've installed the software,
and want to try it!

(((73))), Dean
CA1JDM

On 12/26/2013 5:27 PM, jgmags2000@... wrote:
>
> Is there a plan or consensus for V4 and H4 default frequencies for all
> bands?
>
> 73, John KJ1J
>
>

3763. Re: [V4Protocol] default frequencies

Yahoo group: V4Protocol
Date: 2013-12-28 16:18:58 UTC
From: <esunetdude@...>
Topic: 3759 Message: 3763

Hi Dean,

I have a beacon running on 10 meters, 28.230, 35 watts. If you would like to setup a schedule let me know.

73
Doug, N3JXB

3764. Re: [V4Protocol] default frequencies

Yahoo group: V4Protocol
Date: 2013-12-28 16:26:51 UTC
From: Dean
Topic: 3759 Message: 3764

Can we try it right now? Now please understand I have never used the software before!!! It is installed, though...I'll get on that frequency now.

(((73))), Dean
CA1JDM

On 12/28/2013 1:18 PM, esunetdude@... wrote:
>
> Hi Dean,
>
> I have a beacon running on 10 meters, 28.230, 35 watts. If you would
> like to setup a schedule let me know.
>
> 73
> Doug, N3JXB
>
>

3765. Re: [V4Protocol] default frequencies

Yahoo group: V4Protocol
Date: 2013-12-28 16:31:06 UTC
From: Don Poaps
Topic: 3759 Message: 3765

Hi Dean

I sometime park on 28.230. Also 10.123 like my Pactor keyboard friends we have a set freq we sit on. I know v4chat. We were sitting on 7073, and 14073.

If there was a PDF file or something one could download and keep handy it help us old farts that need a string around our keys as we forget where we put them.

Later

Don va7dgp

On Saturday, December 28, 2013, Dean wrote:

>
>
> John did you get an answer to this? I'd like to know also!
> Also, how can I find a list of V4 users? I've installed the software,
> and want to try it!
>
> (((73))), Dean
> CA1JDM
>
>
> On 12/26/2013 5:27 PM, jgmags2000@... <javascript:_e({}, 'cvml',
> 'jgmags2000@...m');> wrote:
>
>
>
> Is there a plan or consensus for V4 and H4 default frequencies for all
> bands?
>
> 73, John KJ1J
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3766. Re: [V4Protocol] default frequencies

Yahoo group: V4Protocol
Date: 2013-12-28 16:36:41 UTC
From: Dean
Topic: 3759 Message: 3766

I'm on 28230 right now. How do we initiate a call or QSO?

On 12/28/2013 1:31 PM, Don Poaps wrote:
>
> Hi Dean
>
>
> I sometime park on 28.230. Also 10.123 like my Pactor keyboard friends
> we have a set freq we sit on. I know v4chat. We were sitting on 7073,
> and 14073.
>
> If there was a PDF file or something one could download and keep handy
> it help us old farts that need a string around our keys as we forget
> where we put them.
>
> Later
>
> Don va7dgp
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> On Saturday, December 28, 2013, Dean wrote:
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> John did you get an answer to this? I'd like to know also!
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> software, and want to try it!
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> On 12/26/2013 5:27 PM, jgmags2000@... wrote:
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>>
>
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member

> Metrotown Salvation Army Community Church Member
>
>

3767. Re: [V4Protocol] default frequencies

Yahoo group: V4Protocol
Date: 2013-12-28 16:38:50 UTC
From: <esunetdude@...>
Topic: 3759 Message: 3767

Dean, put your HAM4 into FEC Robust, and send a call. I will listen.

Doug, N3JXB

3768. Re: [V4Protocol] default frequencies

Yahoo group: V4Protocol
Date: 2013-12-28 16:44:44 UTC
From: Don Poaps
Topic: 3759 Message: 3768

I'm not on there at the moment.

Create a text file from with the program. Edit you may need to play with
the menu to get it to pull up notebook. Once you have a file

CQ CQ CQ de va7dgp pse kn

Save it.

Then in the menu User Files
it will allow you to copy paste and send it will transmit.

Or go to setup beacon. Add

CQ CQ CQ de va7dgp pse k
Or just leave it the same. Don't forget to check beacon for it to send your
beacon message

I've just open my chat and I'm on 28.230

See if you can copy.

On Saturday, December 28, 2013, Dean wrote:

>
>
> I'm on 28230 right now. How do we initiate a call or QSO?
>
>
> On 12/28/2013 1:31 PM, Don Poaps wrote:
>
>
>
> Hi Dean
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> we have a set freq we sit on. I know v4chat. We were sitting on 7073, and
> 14073.
>
> If there was a PDF file or something one could download and keep handy
> it help us old farts that need a string around our keys as we forget where
> we put them.
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> Later
>
> Don va7dgp
>

> On Saturday, December 28, 2013, Dean wrote:
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>>
>>
>> John did you get an answer to this? I'd like to know also!
>> Also, how can I find a list of V4 users? I've installed the software,
>> and want to try it!
>>
>> (((73))), Dean
>> CA1JDM
>>
>>
>> On 12/26/2013 5:27 PM, jgmags2000@... wrote:
>>
>>
>>
>> Is there a plan or consensus for V4 and H4 default frequencies for all
>> bands?
>>
>> 73, John KJ1J
>>
>>
>>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Metrotown Salvation Army Community Church Member
>
>
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3769. Re: [V4Protocol] default frequencies

Yahoo group: V4Protocol
Date: 2013-12-28 16:46:07 UTC
From: Dean
Topic: 3759 Message: 3769

Am I in the right program? I have Chat 0.2.1.0 open and H4FSK Sound Card TNC 0.2.1.0 open
Mode says FEC I don't see "robust".

On 12/28/2013 1:38 PM, esunetdude@... wrote:
>
> Dean, put your HAM4 into FEC Robust, and send a call. I will listen.
>
>
> Doug, N3JXB
>
>

3770. Re: [V4Protocol] default frequencies

Yahoo group: V4Protocol
Date: 2013-12-28 16:49:41 UTC
From: Don Poaps
Topic: 3759 Message: 3770

I've just sent off a CQ and my beacon is doing its thing. Your chat program should auto update to chat 0,2.2.00

Don

On Saturday, December 28, 2013, Dean wrote:

>
>
> Am I in the right program? I have Chat 0.2.1.0 open and H4FSK Sound Card
> TNC 0.2.1.0 open
> Mode says FEC I don't see "robust".
>
> On 12/28/2013 1:38 PM, esunetdude@... <javascript:_e({}, 'cvml',
> 'esunetdude@...');> wrote:
>
>
>
> Dean, put your HAM4 into FEC Robust, and send a call. I will listen.
>
>
> Doug, N3JXB
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3771. Re: [V4Protocol] default frequencies

Yahoo group: V4Protocol
Date: 2013-12-28 16:53:19 UTC
From: Don Poaps
Topic: 3759 Message: 3771

You need to update for the other menu to work.

You should be picking up some sort of data on the waterfall. Even if your
not decoding it

Don va7dgp

On Saturday, December 28, 2013, Don Poaps wrote:

> I've just sent off a CQ and my beacon is doing its thing. Your chat
> program should auto update to chat 0,2.2.00
>
> Don
>
> On Saturday, December 28, 2013, Dean wrote:
>
>>
>>
>> Am I in the right program? I have Chat 0.2.1.0 open and H4FSK Sound Card
>> TNC 0.2.1.0 open
>> Mode says FEC I don't see "robust".
>>
>> On 12/28/2013 1:38 PM, esunetdude@... wrote:
>>
>>
>>
>> Dean, put your HAM4 into FEC Robust, and send a call. I will listen.
>>
>>
>> Doug, N3JXB
>>
>>
>>
>>
>>
>
>
> --
> Don Poaps
> New Westminster, BC
> VA7DGP
> Satern Member
> Vector Member
> Metrotown Salvation Army Community Church Member
>
>
>

>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3772. 28.230 Stations

Yahoo group: V4Protocol
Date: 2013-12-28 17:39:38 UTC
From: <esunetdude@...>
Topic: 3772 Message: 3772

So far I copied a PY3SS, Brazil, clearly. But I called and receive no reply. I also see and hear another station trying but cannot decode.

Slow but steady progress. I will continue to check periodically. My beacon is still running.

Doug, N3JXB

3773. Re: [V4Protocol] 28.230 Stations

Yahoo group: V4Protocol
Date: 2013-12-28 17:45:00 UTC
From: Dean
Topic: 3772 Message: 3773

Ok, I was connected to the PY3SS station but, being new to the software, as he was (Mark, PY3SS) we really didn't know what to do. I am very accustomed to using HRD + DM780 and it has convenient Macros prepared, etc. I had to type my callsign in V4Chat etc. Is there an easier way? I switched back to my RMS Trimode station now in Winmor 1600 mode.
Thanks to everyone for helping!
(((73))), Dean
CA1JDM

On 12/28/2013 2:39 PM, esunetdude@... wrote:
>
> So far I copied a PY3SS, Brazil, clearly. But I called and receive no
> reply. I also see and hear another station trying but cannot decode.
>
> Slow but steady progress. I will continue to check periodically. My
> beacon is still running.
>
> Doug, N3JXB
>
>

3774. Re: [V4Protocol] 28.230 Stations

Yahoo group: V4Protocol
Date: 2013-12-28 17:55:43 UTC
From: Ron Wenig
Topic: 3772 Message: 3774

Dean,

There are 2 programs, V4Chat and H4Chat. If you are using V4Chat and you see a call go to the pull down menu ARQ Call and enter the other station's call and press Call Callsign. The 2 stations should sync and connect. H4Chat is still in Alpha testing mode and you cannot connect. Just select FEC Robust and type your text in the bottom window and, depending on your set up, press CR to send the text. If another station copies you they can just send text back to you just like PSK31. The help section is very good and it will guide you on using both programs.

I just sent a beacon. I just heard some data but not strong enough to copy it.

73, Ron ny3j

On 12/28/2013 12:45 PM, Dean wrote:
>
> Ok, I was connected to the PY3SS station but, being new to the
> software, as he was (Mark, PY3SS) we really didn't know what to do. I
> am very accustomed to using HRD + DM780 and it has convenient Macros
> prepared, etc. I had to type my callsign in V4Chat etc. Is there an
> easier way? I switched back to my RMS Trimode station now in Winmor
> 1600 mode. Thanks to everyone for helping!
> (((73))), Dean
> CA1JDM
>
>
> On 12/28/2013 2:39 PM, esunetdude@... wrote:
>>
>> So far I copied a PY3SS, Brazil, clearly. But I called and receive no
>> reply. I also see and hear another station trying but cannot decode.
>>
>> Slow but steady progress. I will continue to check periodically. My
>> beacon is still running.
>>
>> Doug, N3JXB
>>
>
>

3775. Re: [V4Protocol] 28.230 Stations

Yahoo group: V4Protocol
Date: 2013-12-28 17:58:59 UTC
From: Ron Wenig
Topic: 3772 Message: 3775

Doug,

It's good to see another PA station playing with H4Chat. We are
probably too close to copy each other.

73, Ron ny3j

On 12/28/2013 12:39 PM, esunetdude@... wrote:
>
> So far I copied a PY3SS, Brazil, clearly. But I called and receive no
> reply. I also see and hear another station trying but cannot decode.
>
> Slow but steady progress. I will continue to check periodically. My
> beacon is still running.
>
> Doug, N3JXB
>
>

3776. confusing Yahoo Group info

Yahoo group: V4Protocol
Date: 2013-12-28 18:08:45 UTC
From: Ed
Topic: 3772 Message: 3776

I am a brand spanking new user for V4 Chat. I have the V4 program running, possibly successfully, but have a couple questions.

Are the frequencies of general usage listed as DIAL frequencies, or CENTER frequencies; e.g. should my radio be listening on 14073.0 USB Dial, or 14071.5 USB (14073 CENTER) ???

Secondly, in attempting to use the FILES section of the website I am having a bit of difficulty determining what files are old, and what are current. I see file dates going back to 2010, and I see some files with no year at all, just a month and a day. Any help on this would be appreciated. As it appears the new H4 protocol is in Alpha or Beta testing I'd like to try whatever is most recent.

Thanks.

Ed K7AAT

3777. Re: [V4Protocol] 28.230 Stations

Yahoo group: V4Protocol
Date: 2013-12-28 18:11:07 UTC
From: enkitec@...
Topic: 3772 Message: 3777

Sorry, didn't decode you call.

Mark Jordan, PY3SS

On 28-Dec-13 15:39, esunetdude@... wrote:
>
>
> So far I copied a PY3SS, Brazil, clearly. But I called and receive no
> reply. I also see and hear another station trying but cannot decode.
>
> Slow but steady progress. I will continue to check periodically. My
> beacon is still running.
>
> Doug, N3JXB
>
>

3778. Re: [V4Protocol] confusing Yahoo Group info

Yahoo group: V4Protocol
Date: 2013-12-28 18:18:40 UTC
From: Ron Wenig
Topic: 3772 Message: 3778

Ed,

H4Chat download is
Chat Beta 0.2.2.0 Full install.zip
<http://f1.grp.yahoofs.com/v2/cBS_Ut4DMV0TU5t-NHiRRuiwpa_RiQ_8kHZPqMLX25dlrO6FRcXQIS0j6oHRz8Ei-fm9NUCtNTu45vSoo_9PKYtiJWT4zCjHvyrDY2sY9O2-ouXd63F069PBtOlSDUg3sMpY_u5VLrJCM7vXwW0SvcI/Chat%20Beta%200.2.2.0%20Full%20install.zip>Chat
FEC Beta full install version 0.2.2.0 Minimal ARQ functions enabled.

V4Chat Download is V4Chat 1.0.4.0 Full Install.zip
<http://f1.grp.yahoofs.com/v2/cBS_Um-Yy8gTU5t-l7sw8KBKEXGx33SgesvDst1OXEuGTEh6uWCifvlXxf3aPM2LN0ydJGizqY2gueyvMCt49Hmdq-lir98JnxWweWwaBpP2NfzrzMi0v8csYNyASlP9PTGnQyxsbRQMYcoA/V4Chat%201.0.4.0%20Full%20Install.zip>V4Chat
1.0.4.0 Full install with V4TNC and help.

H4Chat is in beta testing. You can help debugging it by using it and
reporting any problems. V4Chat is stable with the ability to connect to
other stations. Be sure to read the help section for very good
instructions on their use. The frequencies would be dial frequencies.

73, Ron ny3j

On 12/28/2013 01:08 PM, Ed wrote:
>
> I am a brand spanking new user for V4 Chat. I have the V4 program
> running, possibly successfully, but have a couple questions.
>
> Are the frequencies of general usage listed as DIAL frequencies, or
> CENTER frequencies; e.g. should my radio be listening on 14073.0 USB
> Dial, or 14071.5 USB (14073 CENTER) ???
>
> Secondly, in attempting to use the FILES section of the website I am
> having a bit of difficulty determining what files are old, and what
> are current. I see file dates going back to 2010, and I see some
> files with no year at all, just a month and a day. Any help on this
> would be appreciated. As it appears the new H4 protocol is in Alpha
> or Beta testing I'd like to try whatever is most recent.
>
> Thanks.
>
> Ed K7AAT
>
>

3779. Re: [V4Protocol] 28.230 Stations

Yahoo group: V4Protocol
Date: 2013-12-28 22:49:39 UTC
From: <esunetdude@...>
Topic: 3772 Message: 3779

Hey Ron,

I would imagine we could work on 40 or 80 meters, even 160 if you have it. I think 80 or 160 would be the better choices. Let me know if you want to try a schedule.

73, Doug N3JXB

3780. RE: [V4Protocol] confusing Yahoo Group info

Yahoo group: V4Protocol
Date: 2013-12-28 18:33:34 UTC
From: Ed
Topic: 3772 Message: 3780
Attachments: 2 described; binary payloads are missing from this source WARC

Thank you for that info, Ron. As such a new user I look forward to my first QSO in one of these modes...which begs the question, what is the current preponderance of communications in these modes ..... is it ith V4, or are people jumping over to the H4 mode now?

Ed K7AAT

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ron Wenig
Sent: Saturday, December 28, 2013 10:19 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] confusing Yahoo Group info

Ed,

H4Chat download is

Chat Beta 0.2.2.0 Full install.zip
<http://f1.grp.yahoofs.com/v2/cBS_Ut4DMV0TU5t-NHiRRuiwpa_RiQ_8kHZPqMLX25dlrO6FRcXQIS0j6oHRz8Ei-fm9NUCtNTu45vSoo_9PKYtiJWT4zCjHvyrDY2sY9O2-ouXd63F069PBtOlSDUg3sMpY_u5VLrJCM7vXwW0SvcI/Chat%20Beta%200.2.2.0%20Full%20install.zip>
Chat FEC Beta full install version 0.2.2.0 Minimal ARQ functions enabled.

V4Chat Download is
<http://f1.grp.yahoofs.com/v2/cBS_Um-Yy8gTU5t-l7sw8KBKEXGx33SgesvDst1OXEuGTEh6uWCifvlXxf3aPM2LN0ydJGizqY2gueyvMCt49Hmdq-lir98JnxWweWwaBpP2NfzrzMi0v8csYNyASlP9PTGnQyxsbRQMYcoA/V4Chat%201.0.4.0%20Full%20Install.zip> V4Chat 1.0.4.0 Full Install.zip V4Chat 1.0.4.0 Full install with V4TNC and help.

H4Chat is in beta testing. You can help debugging it by using it and reporting any problems. V4Chat is stable with the ability to connect to other stations. Be sure to read the help section for very good instructions on their use. The frequencies would be dial frequencies.

73, Ron ny3j

On 12/28/2013 01:08 PM, Ed wrote:

I am a brand spanking new user for V4 Chat. I have the V4 program running, possibly successfully, but have a couple questions.

Are the frequencies of general usage listed as DIAL frequencies, or CENTER frequencies; e.g. should my radio be listening on 14073.0 USB Dial, or 14071.5 USB (14073 CENTER) ???

Secondly, in attempting to use the FILES section of the website I am having a bit of difficulty determining what files are old, and what are current.

I see file dates going back to 2010, and I see some files with no year at all, just a month and a day. Any help on this would be appreciated. As it appears the new H4 protocol is in Alpha or Beta testing I'd like to try whatever is most recent.

Thanks.

Ed K7AAT

3781. K6DDW I heard you on H4 Chat

Yahoo group: V4Protocol
Date: 2013-12-29 05:17:44 UTC
From: Ed
Topic: 3772 Message: 3781
Attachments: 2 described; binary payloads are missing from this source WARC

K6DDW. Heard you call CQ on 10,123 KHz this Saturday afternoon with H4 Chat. I responded but you never came back. It would have been my first 'Chat' QSO with either mode. I'll be trying to listen with H4 periodically tomorrow, either on 10123 or 14173.

Ed K7AAT

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ron Wenig
Sent: Saturday, December 28, 2013 10:19 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] confusing Yahoo Group info

Ed,

H4Chat download is

Chat Beta 0.2.2.0 Full install.zip
<http://f1.grp.yahoofs.com/v2/cBS_Ut4DMV0TU5t-NHiRRuiwpa_RiQ_8kHZPqMLX25dlrO6FRcXQIS0j6oHRz8Ei-fm9NUCtNTu45vSoo_9PKYtiJWT4zCjHvyrDY2sY9O2-ouXd63F069PBtOlSDUg3sMpY_u5VLrJCM7vXwW0SvcI/Chat%20Beta%200.2.2.0%20Full%20install.zip>
Chat FEC Beta full install version 0.2.2.0 Minimal ARQ functions enabled.

V4Chat Download is
<http://f1.grp.yahoofs.com/v2/cBS_Um-Yy8gTU5t-l7sw8KBKEXGx33SgesvDst1OXEuGTEh6uWCifvlXxf3aPM2LN0ydJGizqY2gueyvMCt49Hmdq-lir98JnxWweWwaBpP2NfzrzMi0v8csYNyASlP9PTGnQyxsbRQMYcoA/V4Chat%201.0.4.0%20Full%20Install.zip> V4Chat 1.0.4.0 Full Install.zip V4Chat 1.0.4.0 Full install with V4TNC and help.

H4Chat is in beta testing. You can help debugging it by using it and reporting any problems. V4Chat is stable with the ability to connect to other stations. Be sure to read the help section for very good instructions on their use. The frequencies would be dial frequencies.

73, Ron ny3j

On 12/28/2013 01:08 PM, Ed wrote:

I am a brand spanking new user for V4 Chat. I have the V4 program running, possibly successfully, but have a couple questions.

Are the frequencies of general usage listed as DIAL frequencies, or CENTER frequencies; e.g. should my radio be listening on 14073.0 USB Dial, or 14071.5 USB (14073 CENTER) ???

Secondly, in attempting to use the FILES section of the website I am having a bit of difficulty determining what files are old, and what are current.

I see file dates going back to 2010, and I see some files with no year at all, just a month and a day. Any help on this would be appreciated. As it appears the new H4 protocol is in Alpha or Beta testing I'd like to try whatever is most recent.

Thanks.

Ed K7AAT

3782. nw qrv @ 7042.5 kHz -- 73, tom df5jl nr bonn

Yahoo group: V4Protocol
Date: 2013-12-29 19:06:31 UTC
From: Tom DF5JL
Topic: 3782 Message: 3782

[Body unavailable in the source archive]

3783. H4Chat Beacon on 14.073

Yahoo group: V4Protocol
Date: 2013-12-29 19:44:01 UTC
From: Ed
Topic: 3782 Message: 3783
Attachments: 2 described; binary payloads are missing from this source WARC

Issuing a beacon on 14.073 with H4Chat every 15 minutes. My station may be un-attended at times, though.

Ed K7AAT

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Tom DF5JL
Sent: Sunday, December 29, 2013 11:07 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] nw qrv @ 7042.5 kHz -- 73, tom df5jl nr bonn

3784. RE: [V4Protocol] nw qrv @ 7042.5 kHz -- 73, tom df5jl nr bonn

Yahoo group: V4Protocol
Date: 2013-12-29 20:11:57 UTC
From: Dezider OM5NA
Topic: 3782 Message: 3784
Attachments: 1 described; binary payloads are missing from this source WARC

Tom are you still QRV on the 40m band ?

I am listening on 7042.5 kHz (dial)

Dez, OM5NA

3785. New -- Just installed

Yahoo group: V4Protocol
Date: 2013-12-31 00:08:14 UTC
From: <lpsweers@...>
Topic: 3785 Message: 3785

Hi there. I am new to V4, but not to Winmor. The software looks a lot like the Winmor set up. I am interested in testing my ability to communicate on the air with V4. Are there specific frequencies that this group is using? I can set up to monitor a specific frequency, and look for activity or schedule a time. Anyone interested?

Linus
KF7HYO.

3786. RE: [V4Protocol] New -- Just installed

Yahoo group: V4Protocol
Date: 2013-12-31 03:09:10 UTC
From: Ed
Topic: 3785 Message: 3786
Attachments: 2 described; binary payloads are missing from this source WARC

Linus,

I have the same situation….just installed V4 Chat program, then realized that there is an Alpha test release of the better program, H4 Chat and downloaded that too. Now, I am not sure where to find other stations on the bands, and also am not sure if the majority are still using V4 Chat or are moving on to H4 Chat. Personally, I was planning on focusing on H4 Chat.

The frequencies I have seen referenced are: 28.230, 14.073, 10.123, and 7.073. I saw some H4 CQs being called by a California station yesterday on 10.123 but the station did not come back to my call when I responded.

Ed K7AAT

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of lpsweers@...t
Sent: Monday, December 30, 2013 4:08 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] New -- Just installed

Hi there. I am new to V4, but not to Winmor. The software looks a lot like the Winmor set up. I am interested in testing my ability to communicate on the air with V4. Are there specific frequencies that this group is using? I can set up to monitor a specific frequency, and look for activity or schedule a time. Anyone interested?

Linus

KF7HYO.

3787. RE: [V4Protocol] New -- Just installed

Yahoo group: V4Protocol
Date: 2013-12-31 03:32:51 UTC
From: <lpsweers@...>
Topic: 3785 Message: 3787

Ed Thank you. Name a time and frequency (40 to 15 meter bands) and I will attempt to make contact. Tomorrow and new years day I will have time to make contact. We might have issues due to proximity. Close distance tends to be harder for hf conversations. Linus kf7hyo

3788. Re: [V4Protocol] New -- Just installed

Yahoo group: V4Protocol
Date: 2013-12-31 07:13:13 UTC
From: Don Poaps
Topic: 3785 Message: 3788

FYI.
An r
Earlier version. I was able to pick up a ham from Victoria, BC. I'm across the water from on the mainland. That was on 10123.

I should be on tomorrow as I've got no outside things to drag me away from radio.

Later

73

Sent from my iPod
Don Poaps
va7dgp@...

On 2013-12-30, at 19:32, <lpsweers@...> wrote:

> Ed Thank you. Name a time and frequency (40 to 15 meter bands) and I will attempt to make contact. Tomorrow and new years day I will have time to make contact. We might have issues due to proximity. Close distance tends to be harder for hf conversations. Linus kf7hyo
>
>

3789. QSX 7073.0

Yahoo group: V4Protocol
Date: 2013-12-31 17:42:08 UTC
From: Ed
Topic: 3785 Message: 3789
Attachments: 2 described; binary payloads are missing from this source WARC

Well, I cannot guaranty I'll be at the radio as I have much to do today, but I have my my radio currently set this Tuesday morning on 7073.0 and the V4 Chat program running so if anything shows up I will at least see it when I get to my station again.

Ed K7AAT

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of lpsweers@...
Sent: Monday, December 30, 2013 7:33 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] New -- Just installed

Ed Thank you. Name a time and frequency (40 to 15 meter bands) and I will attempt to make contact. Tomorrow and new years day I will have time to make contact. We might have issues due to proximity. Close distance tends to be harder for hf conversations. Linus kf7hyo

3790. RE: QSX 7073.0

Yahoo group: V4Protocol
Date: 2013-12-31 17:43:44 UTC
From: <lpsweers@...>
Topic: 3785 Message: 3790

I will tune to 7073.0 in an hour to give it a try.

3791. Re: [V4Protocol] RE: QSX 7073.0

Yahoo group: V4Protocol
Date: 2013-12-31 17:57:48 UTC
From: Don Poaps
Topic: 3785 Message: 3791

Greetings..

QRV V4Chat 7073

73

Don VA7DGP

On Tue, Dec 31, 2013 at 9:43 AM, <lpsweers@...> wrote:

>
>
> I will tune to 7073.0 in an hour to give it a try.
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3792. RE: QSX 7073.0

Yahoo group: V4Protocol
Date: 2013-12-31 18:43:40 UTC
From: <lpsweers@...>
Topic: 3785 Message: 3792

I am on the frequency now.

3793. CQ H4FSK

Yahoo group: V4Protocol
Date: 2013-12-31 18:45:34 UTC
From: <oz1pmx@...>
Topic: 3793 Message: 3793

7073.0 USB Dial (1500hz) - Happy New Year 2014 de OZ1PMX Peter

3794. Re: [V4Protocol] CQ H4FSK

Yahoo group: V4Protocol
Date: 2013-12-31 18:50:41 UTC
From: on2ad.pat@...
Topic: 3793 Message: 3794

Peter, thanks for the nice QSO in the H4FSK mode, in the beginning it was hard to copy you and Yes it has worked.
I use IC-703 and only 10 Watt on a GP1500 vertical abt 5 m above the ground and this in the middle of a lot of trees from 25 meters see QRZ.com

I wish you a Happy New Year and a lot of DX’s

73 de Pat ON2AD

From: oz1pmx@...
Sent: Tuesday, December 31, 2013 7:45 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] CQ H4FSK

7073.0 USB Dial (1500hz) - Happy New Year 2014 de OZ1PMX Peter

3795. RE: [V4Protocol] RE: QSX 7073.0

Yahoo group: V4Protocol
Date: 2013-12-31 18:56:14 UTC
From: Ed
Topic: 3785 Message: 3795
Attachments: 2 described; binary payloads are missing from this source WARC

10:55AM PST Tuesday morning…just sent a couple CQs on 7073.0 … nothing heard in response.

Need to leave station for awhile now so may try later today….

Ed K7AAT

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of lpsweers@comcast.net
Sent: Tuesday, December 31, 2013 10:44 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] RE: QSX 7073.0

I am on the frequency now.

3796. RE: [V4Protocol] RE: QSX 7073.0

Yahoo group: V4Protocol
Date: 2013-12-31 19:04:11 UTC
From: <oz1pmx@...>
Topic: 3785 Message: 3796

Just heard strong S6 signal (7073.0 USB Dial) here in Europe with no copy at all - Squells set to 4

73 de OZ1PMX Peter

3797. RE: [V4Protocol] RE: QSX 7073.0

Yahoo group: V4Protocol
Date: 2013-12-31 19:15:35 UTC
From: Ed
Topic: 3785 Message: 3797
Attachments: 2 described; binary payloads are missing from this source WARC

Just heard fair signal on 7073 at 11:13AM PST.. But no copy. I was using V4 chat to monitor in FEC FD mode.

Now, I am off to town for a bit. Will check screen when I return in a few hours.

Ed K7AAT

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Don Poaps
Sent: Tuesday, December 31, 2013 9:58 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] RE: QSX 7073.0

Greetings..

QRV V4Chat 7073

73

Don VA7DGP

On Tue, Dec 31, 2013 at 9:43 AM, <lpsweers@...> wrote:

I will tune to 7073.0 in an hour to give it a try.

--

Don Poaps

New Westminster, BC

VA7DGP

Satern Member

Vector Member

Metrotown Salvation Army Community Church Member

3798. RE: [V4Protocol] RE: QSX 7073.0

Yahoo group: V4Protocol
Date: 2013-12-31 19:16:21 UTC
From: <lpsweers@...>
Topic: 3785 Message: 3798

I am transmitting right now. 7073.0

3799. RE: [V4Protocol] RE: QSX 7073.0

Yahoo group: V4Protocol
Date: 2013-12-31 19:20:15 UTC
From: <lpsweers@...>
Topic: 3785 Message: 3799

It looks like the latest file i downloaded is H4FSK Chat. I am still monitoring.

3800. RE: [V4Protocol] RE: QSX 7073.0

Yahoo group: V4Protocol
Date: 2013-12-31 19:28:34 UTC
From: Ed
Topic: 3785 Message: 3800
Attachments: 2 described; binary payloads are missing from this source WARC

KF7HYO -- I have been listening with V4 Chat, which is probably why I was NOT seeing you. This is a problem…. V4 is released but H4 is superior but still in Alpha or Beta test….. and they are not compatible with each other.

Just tried you on H4… I see you now! I responded with one message but I REALLY need go now so will try hours later.

73

Ed

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of lpsweers@...
Sent: Tuesday, December 31, 2013 11:20 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] RE: QSX 7073.0

It looks like the latest file i downloaded is H4FSK Chat. I am still monitoring.

3801. RE: [V4Protocol] RE: QSX 7073.0

Yahoo group: V4Protocol
Date: 2013-12-31 19:30:31 UTC
From: <lpsweers@...>
Topic: 3785 Message: 3801

Wow. My first QSO on H4 Chat! Cool. Thanks Ed.

3802. Re: [V4Protocol] QSX 7073.0

Yahoo group: V4Protocol
Date: 2013-12-31 19:36:45 UTC
From: Don Poaps
Topic: 3785 Message: 3802

All I saw was CQ CQ CQ de

Don va7dgp

On Tuesday, December 31, 2013, wrote:

>
>
> Wow. My first QSO on H4 Chat! Cool. Thanks Ed.
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3803. Re: [V4Protocol] QSX 7073.0

Yahoo group: V4Protocol
Date: 2013-12-31 19:40:08 UTC
From: <lpsweers@...>
Topic: 3785 Message: 3803

Don. I am transmitting now. Can you hear me?

3804. Re: [V4Protocol] QSX 7073.0

Yahoo group: V4Protocol
Date: 2013-12-31 19:48:40 UTC
From: Don Poaps
Topic: 3785 Message: 3804
Attachments: 1 described; binary payloads are missing from this source WARC

Yes with some QSB

see attached..

Don VA7DGP

On Tue, Dec 31, 2013 at 11:40 AM, <lpsweers@...> wrote:

>
>
> Don. I am transmitting now. Can you hear me?
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3805. Re: [V4Protocol] QSX 7073.0

Yahoo group: V4Protocol
Date: 2013-12-31 19:49:58 UTC
From: <lpsweers@...>
Topic: 3785 Message: 3805

Should I use FEC or FEC Robust?

3806. Re: [V4Protocol] CQ H4FSK

Yahoo group: V4Protocol
Date: 2013-12-31 19:50:41 UTC
From: Don Poaps
Topic: 3793 Message: 3806

Keep your eye's peeled for signals coming over the North Pole to EU

Happy New Year de 2014

Don va7dgp

On Tue, Dec 31, 2013 at 10:50 AM, <on2ad.pat@...> wrote:

>
>
> Peter, thanks for the nice QSO in the H4FSK mode, in the beginning it
> was hard to copy you and Yes it has worked.
> I use IC-703 and only 10 Watt on a GP1500 vertical abt 5 m above the
> ground and this in the middle of a lot of trees from 25 meters see QRZ.com
>
> I wish you a Happy New Year and a lot of DX’s
>
> 73 de Pat ON2AD
>
> *From:* oz1pmx@...
> *Sent:* Tuesday, December 31, 2013 7:45 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* [V4Protocol] CQ H4FSK
>
>
>
> 7073.0 USB Dial (1500hz) - Happy New Year 2014 de OZ1PMX Peter
>
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3807. Re: [V4Protocol] QSX 7073.0

Yahoo group: V4Protocol
Date: 2013-12-31 20:01:55 UTC
From: Don Poaps
Topic: 3785 Message: 3807

I have been using robust. I move to fec as notice. Make up some text files
ie CQ CQ CQ
File on equipment etc. paste and send. As you notice I just sent data to
you about my setup. Makes it easier than typing every time you chat.

Got to run. If your lucky. You might pick up Peter oz1pmx. He's right into
data.

Later

Don va7dgp

On Tuesday, December 31, 2013, wrote:

>
>
> Should I use FEC or FEC Robust?
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3808. program

Yahoo group: V4Protocol
Date: 2013-12-31 22:39:51 UTC
From: pat obrien
Topic: 3808 Message: 3808

I have downloaded 0.2.2.0 is this the right program for h4?
On 7073 at this time using fecrbst
POB/K8LEN

3809. RE: program

Yahoo group: V4Protocol
Date: 2013-12-31 22:56:12 UTC
From: <lpsweers@...>
Topic: 3808 Message: 3809

This is the correct program. When you download it and install it, you might get an auto update.

3810. RE: program

Yahoo group: V4Protocol
Date: 2013-12-31 23:05:15 UTC
From: <bozo1945@...>
Topic: 3808 Message: 3810

Thanks appreciate it.
POB/K8LEN

3811. QSX 7073.0 H4 Chat

Yahoo group: V4Protocol
Date: 2013-12-31 23:40:53 UTC
From: Ed
Topic: 3785 Message: 3811

Don,

It's currently 3:38PM PST and I just attempted to contact you on H4 .. 7073.0 after hearing your beacon. Guess you were not at the keyboard. We are again going ouot now so perhaps later. Looks like a bit of activity took place 7073 with H4 today. That is good. I think 14.073 might extend our opportunities in the future, though.

Happy New Year to all.

Ed K7AAT

3812. RE: QSX 7073.0 H4 Chat

Yahoo group: V4Protocol
Date: 2014-01-01 00:34:36 UTC
From: <lpsweers@...>
Topic: 3785 Message: 3812

All, I am hanging out on 10.123 MHz If anyone gets this in the nex hour I will be there.

3813. Re: [V4Protocol] program

Yahoo group: V4Protocol
Date: 2014-01-01 02:27:53 UTC
From: Hoby KK8G
Topic: 3808 Message: 3813

I wasn't in front of the screen, but saw your call when I came in. Good print
Hoby KK8G

----- Original Message -----
From: pat obrien
To: v4protocol@yahoogroups.com
Sent: Tuesday, December 31, 2013 5:39 PM
Subject: [V4Protocol] program

I have downloaded 0.2.2.0 is this the right program for h4?
On 7073 at this time using fecrbst
POB/K8LEN

3814. Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-01 02:50:28 UTC
From: <lpsweers@...>
Topic: 3814 Message: 3814

Let's use this topic as a scheduled communications spot.
Please use UTC when communicating Times.

I will be on 10.123 MHz at 0300 UTC 2013-12-31
I am not sure if the following link will work, but this is the predicted area of coverage for 10 watts SSB at the time of monitoring.
http://www.voacap.com/areapredictions/52c381a331c1a/
http://www.voacap.com/areapredictions/52c381a331c1a/

KF7HYO

3815. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-01 03:04:37 UTC
From: Don Poaps
Topic: 3814 Message: 3815

QRV 10123 03:00 utc

Happy New Year

Sent from my iPhone

> On Dec 31, 2013, at 6:50 PM, <lpsweers@...> wrote:
>
> Let's use this topic as a scheduled communications spot.
>
> Please use UTC when communicating Times.
>
> I will be on 10.123 MHz at 0300 UTC 2013-12-31
> I am not sure if the following link will work, but this is the predicted area of coverage for 10 watts SSB at the time of monitoring.
> http://www.voacap.com/areapredictions/52c381a331c1a/
>
> KF7HYO
>

3816. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-01 03:08:15 UTC
From: <lpsweers@...>
Topic: 3814 Message: 3816

I am ready. 10.123 FEC

3817. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-01 03:18:03 UTC
From: Don Poaps
Topic: 3814 Message: 3817

You should be able to copy my print on the screen. I'm out to get some tea.
Beacon running every 5 Min. So far nothing showing.

later

Don va7dgp

On Tue, Dec 31, 2013 at 6:50 PM, <lpsweers@...> wrote:
>
>
>
> Let's use this topic as a scheduled communications spot.
>
> Please use UTC when communicating Times.
>
> I will be on 10.123 MHz at 0300 UTC 2013-12-31
> I am not sure if the following link will work, but this is the predicted
area of coverage for 10 watts SSB at the time of monitoring.
> http://www.voacap.com/areapredictions/52c381a331c1a/
>
> KF7HYO
>
>

3818. RE: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-01 03:23:03 UTC
From: Ed
Topic: 3814 Message: 3818
Attachments: 2 described; binary payloads are missing from this source WARC

Well, haven’t heard anyone on 10123 KHz since 03:00UTC, here on the central Oregon coast. I have sent a few CQ’s and have my beacon operating every 15 minutes. H4 Chat, robust FEC

Ed

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of lpsweers@...
Sent: Tuesday, December 31, 2013 7:08 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Scheduled Activity

I am ready. 10.123 FEC

3819. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-01 03:26:26 UTC
From: <lpsweers@...>
Topic: 3814 Message: 3819

24% chance on 10.123 given our location. How about 7.073? There is a 94% chance of connecting there.
KF7HYO

3820. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-01 03:32:48 UTC
From: <lpsweers@...>
Topic: 3814 Message: 3820

I am moving over to 7.073 FEC
2014-01-01 0330 UTC.

3821. RE: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-01 04:21:54 UTC
From: Ed
Topic: 3814 Message: 3821
Attachments: 2 described; binary payloads are missing from this source WARC

I'll be beaconing there too…. H4 Chat on 7073

Ed K7AAT

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of lpsweers@...
Sent: Tuesday, December 31, 2013 7:33 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Scheduled Activity

I am moving over to 7.073 FEC

2014-01-01 0330 UTC.

3822. H4 Chat on 14.073

Yahoo group: V4Protocol
Date: 2014-01-01 05:01:34 UTC
From: Ed
Topic: 3814 Message: 3822

For the rest of tonight (and the few hours remaining of 2013) and also for most of New Year’s Day I will be leaving my station on Chat (H4 on FEC Robust) on 14073 KHz with beacon every 15 minutes. I will try to periodically check the screen for traffic …

Ed K7AAT …. On the central Oregon coast

3823. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-01 05:13:54 UTC
From: Don Poaps
Topic: 3814 Message: 3823

QSY to 7073.

VA7dgp

On Tue, Dec 31, 2013 at 8:21 PM, Ed <k7aat.ed@gmail.com> wrote:

>
>
> I'll be beaconing there too…. H4 Chat on 7073
>
>
>
> Ed K7AAT
>
>
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP
Satern Member
Vector Member
Metrotown Salvation Army Community Church Member

3824. Re: [V4Protocol] 28.230 Stations

Yahoo group: V4Protocol
Date: 2014-01-01 12:01:34 UTC
From: Ron Wenig
Topic: 3772 Message: 3824

Hi Doug,

Sorry I didn't get back to you. Been kind of busy. I don't have 80 or
160 capabilities. 7.073 MHz sounds like a possibility.

73, Ron ny3j

On 12/28/2013 05:49 PM, esunetdude@... wrote:
>
> Hey Ron,
>
>
> I would imagine we could work on 40 or 80 meters, even 160 if you have
> it. I think 80 or 160 would be the better choices. Let me know if you
> want to try a schedule.
>
>
> 73, Doug N3JXB
>
>
>

3825. Re: [V4Protocol] 28.230 Stations

Yahoo group: V4Protocol
Date: 2014-01-03 16:19:12 UTC
From: <esunetdude@...>
Topic: 3772 Message: 3825

Hi Ron,

Good enough, 40 meters it is. I will be available this weekend, once I get the snow cleared, hi hi. What is your availability? And 7.073 or move to a lower freq?

Doug, N3JXB

3826. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-04 23:54:31 UTC
From: <lpsweers@...>
Topic: 3814 Message: 3826

All,
I am parked on 14073.000 KHz in case anyone wants to try a chat. It is 23:53 UTC 2014-01-04.
Below is a link of the coverage area for 10 watts USB.
http://www.voacap.com/areapredictions/52c89f149841a/
http://www.voacap.com/areapredictions/52c89f149841a/

3827. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-05 01:37:19 UTC
From: <lpsweers@...>
Topic: 3814 Message: 3827

Propagation has changed. I am now on 10123.000 KHz USB FEC.
KF7HYO
http://www.voacap.com/areapredictions/52c8b67c23d0a/
http://www.voacap.com/areapredictions/52c8b67c23d0a/

3828. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-05 03:00:41 UTC
From: <lpsweers@...>
Topic: 3814 Message: 3828

Calling it a night. I am shutting down for the night,

3829. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-11 19:36:33 UTC
From: <lpsweers@...>
Topic: 3814 Message: 3829

This does not look like a very active groups nor do I find much activity on the v4 / h4 frequencies. Is anyone else finding the same thing?

3830. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-11 22:24:03 UTC
From: K7AAT.ED@gmail.com
Topic: 3814 Message: 3830

Yes, I find the same thing, which surprises me given the nature of this new keyboard mode. Unfortunately I will not be able to actively participate in these activities for the next couple months but expect to do so around April. Hopefully by then Rick will have released the complete version of the H4 Chat.

Ed. K7AAT
Sent from Ed's iPad

> On Jan 11, 2014, at 11:36 AM, <lpsweers@...> wrote:
>
> This does not look like a very active groups nor do I find much activity on the v4 / h4 frequencies. Is anyone else finding the same thing?
>
>

3831. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-11 22:59:00 UTC
From: Bill Turner
Topic: 3814 Message: 3831

ORIGINAL MESSAGE: (may be snipped)

On Sat, 11 Jan 2014 14:24:03 -0800, someone wrote:

>> This does not look like a very active groups nor do I find much
>activity on the v4 / h4 frequencies. Is anyone else finding the same thing?

REPLY:

I would like to suggest a reason for that, at least in part.

There are too many new digital modes. Everybody and his brother develops a new mode and then writes umpteen versions of it and people wonder why there is little activity.

Right now the big three are RTTY, PSK31 and JT65. None of them have "versions", at least none that are popular. If you say "RTTY" people know you mean 45.45 baud, 170 Hz shift. Only in pre-scheduled circumstances will you hear anything else. PSK31 and JT65 are even simpler. There are no "versions" at all, at least none I'm aware of.

A plea to developers: Write something that is really better, not just different. Otherwise the mess will just go on forever. Do your beta testing with your friends, not with the whole world. Only when you truly have a new program in the same class as the big three should you release it to everybody. Thank you.

Grumpy mode off.

73, Bill W6WRT

3832. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-12 03:01:34 UTC
From: Yussuf
Topic: 3814 Message: 3832

Yes, we wait ARQ mode, then more activity. 73 OH7TE/5

3833. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-12 03:57:14 UTC
From: K7AAT.ED@gmail.com
Topic: 3814 Message: 3833

I agree, too many digital modes, and most of them are lacking. Even the most popular one, PSK31 sucks unless you have a perfect signal. I do not consider having to repeat every tidbit of information twice in order for the receiving station to copy it to be much of a digital communications mode. ARQ is the way to go and to the best of my knowledge there is no sound card based ARQ keyboard mode other than the one being developed by Rick. I eagerly look forward to it's completion and release

Ed. K7AAT

Sent from Ed's iPad

> On Jan 11, 2014, at 2:59 PM, Bill Turner <dezrat1242@...> wrote:
>
> ORIGINAL MESSAGE: (may be snipped)
>
> On Sat, 11 Jan 2014 14:24:03 -0800, someone wrote:
>
> >> This does not look like a very active groups nor do I find much
> >activity on the v4 / h4 frequencies. Is anyone else finding the same thing?
>
> REPLY:
>
> I would like to suggest a reason for that, at least in part.
>
> There are too many new digital modes. Everybody and his brother develops a
> new mode and then writes umpteen versions of it and people wonder why there
> is little activity.
>
> Right now the big three are RTTY, PSK31 and JT65. None of them have
> "versions", at least none that are popular. If you say "RTTY" people know
> you mean 45.45 baud, 170 Hz shift. Only in pre-scheduled circumstances will
> you hear anything else. PSK31 and JT65 are even simpler. There are no
> "versions" at all, at least none I'm aware of.
>
> A plea to developers: Write something that is really better, not just
> different. Otherwise the mess will just go on forever. Do your beta testing
> with your friends, not with the whole world. Only when you truly have a new
> program in the same class as the big three should you release it to
> everybody. Thank you.
>
> Grumpy mode off.
>
> 73, Bill W6WRT
>

3834. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-12 04:14:12 UTC
From: Yussuf
Topic: 3814 Message: 3834

RRR Ed,

We here in "OH" = Finland are very active Multipsk ALE 400 ARQ FAE.
Working very well under poor condx and NVIS.
Also RSMF 8000 is very usefull if signal is good enought.
RMS Express/Winmor is very usefull too, also via P2P.
All this modes are tested inside Finland 160/80/40 meters HF/NVIS and also
50 MHz over QRB 150 miles.
Nice to test in future H4 ARQ versus ALE 400 ARQ, hi.
this is really modern HAM radio hobby!
73 to all over FEC/ARQ digital modes. OH7TE/5 "Yussuf"

2014/1/12 K7AAT.ED@... <k7aat.ed@...>

>
>
> I agree, too many digital modes, and most of them are lacking. Even the
> most popular one, PSK31 sucks unless you have a perfect signal. I do not
> consider having to repeat every tidbit of information twice in order for
> the receiving station to copy it to be much of a digital communications
> mode. ARQ is the way to go and to the best of my knowledge there is no
> sound card based ARQ keyboard mode other than the one being developed by
> Rick. I eagerly look forward to it's completion and release
>
> Ed. K7AAT
>
> Sent from Ed's iPad
>
> On Jan 11, 2014, at 2:59 PM, Bill Turner <dezrat1242@...> wrote:
>
>
>
> ORIGINAL MESSAGE: (may be snipped)
>
> On Sat, 11 Jan 2014 14:24:03 -0800, someone wrote:
>
> >> This does not look like a very active groups nor do I find much
> >activity on the v4 / h4 frequencies. Is anyone else finding the same
> thing?
>
> REPLY:
>
> I would like to suggest a reason for that, at least in part.
>
> There are too many new digital modes. Everybody and his brother develops a
> new mode and then writes umpteen versions of it and people wonder why there

> is little activity.
>
> Right now the big three are RTTY, PSK31 and JT65. None of them have
> "versions", at least none that are popular. If you say "RTTY" people know
> you mean 45.45 baud, 170 Hz shift. Only in pre-scheduled circumstances will
> you hear anything else. PSK31 and JT65 are even simpler. There are no
> "versions" at all, at least none I'm aware of.
>
> A plea to developers: Write something that is really better, not just
> different. Otherwise the mess will just go on forever. Do your beta testing
> with your friends, not with the whole world. Only when you truly have a new
> program in the same class as the big three should you release it to
> everybody. Thank you.
>
> Grumpy mode off.
>
> 73, Bill W6WRT
>
>
>

--
73 OH7TE/5 Yussuf

3835. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-12 04:55:27 UTC
From: Don Poaps
Topic: 3814 Message: 3835

Greetings Group

I feel it's more of the time zone difference. Most of the activity is on the east coast. It's sort of a desert on the west. To west water, to east land. To the north Alaska and the Arctic. To my south water. So I don't have much to choose from when bands are dead. When your operating. I'm working. When I'm Operating your sleeping. When I'm sleeping Europe is alive and well.

Having a file online or using hamspots.net to post your qrv and freq might help. Just my 00.2 Canadian worth. I don't always play with H4 or Vchat. I'm into packet and pactor and then work at the candy store gets in the way.

73

Happy New Year

Sent from my iPod
Don Poaps
va7dgp@...

On 2014-01-11, at 20:14, Yussuf <yufenau@...> wrote:

> RRR Ed,
>
> We here in "OH" = Finland are very active Multipsk ALE 400 ARQ FAE. Working very well under poor condx and NVIS.
> Also RSMF 8000 is very usefull if signal is good enought.
> RMS Express/Winmor is very usefull too, also via P2P.
> All this modes are tested inside Finland 160/80/40 meters HF/NVIS and also 50 MHz over QRB 150 miles.
> Nice to test in future H4 ARQ versus ALE 400 ARQ, hi.
> this is really modern HAM radio hobby!
> 73 to all over FEC/ARQ digital modes. OH7TE/5 "Yussuf"
>
>
> 2014/1/12 K7AAT.ED@... <k7aat.ed@...>
>
> I agree, too many digital modes, and most of them are lacking. Even the most popular one, PSK31 sucks unless you have a perfect signal. I do not consider having to repeat every tidbit of information twice in order for the receiving station to copy it to be much of a digital communications mode. ARQ is the way to go and to the best of my knowledge there is no sound card based ARQ keyboard mode other than the one being developed by Rick. I eagerly look forward to it's completion and release
>
> Ed. K7AAT
>
> Sent from Ed's iPad

>
> On Jan 11, 2014, at 2:59 PM, Bill Turner <dezrat1242@...> wrote:
>
>>
>> ORIGINAL MESSAGE: (may be snipped)
>>
>> On Sat, 11 Jan 2014 14:24:03 -0800, someone wrote:
>>
>> >> This does not look like a very active groups nor do I find much
>> >activity on the v4 / h4 frequencies. Is anyone else finding the same thing?
>>
>> REPLY:
>>
>> I would like to suggest a reason for that, at least in part.
>>
>> There are too many new digital modes. Everybody and his brother develops a
>> new mode and then writes umpteen versions of it and people wonder why there
>> is little activity.
>>
>> Right now the big three are RTTY, PSK31 and JT65. None of them have
>> "versions", at least none that are popular. If you say "RTTY" people know
>> you mean 45.45 baud, 170 Hz shift. Only in pre-scheduled circumstances will
>> you hear anything else. PSK31 and JT65 are even simpler. There are no
>> "versions" at all, at least none I'm aware of.
>>
>> A plea to developers: Write something that is really better, not just
>> different. Otherwise the mess will just go on forever. Do your beta testing
>> with your friends, not with the whole world. Only when you truly have a new
>> program in the same class as the big three should you release it to
>> everybody. Thank you.
>>
>> Grumpy mode off.
>>
>> 73, Bill W6WRT
>
>
>
>
> --
> 73 OH7TE/5 Yussuf
>
>
>
>
>

3836. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-12 05:14:14 UTC
From: Bastress, David G
Topic: 3814 Message: 3836

Ed,

There are at least two other sound card ARQ modes.
1. ALE 400 in MULTIPSK
2 . HRI WINMOR which uses one of Rick's other tncs the WINMOR tnc. You can do either FEC mode or ARQ mode with it.

I have played with both.

Dave K3GAU
On Jan 11, 2014 10:57 PM, "K7AAT.ED@..." <k7aat.ed@...> wrote:

>
>
> I agree, too many digital modes, and most of them are lacking. Even the
> most popular one, PSK31 sucks unless you have a perfect signal. I do not
> consider having to repeat every tidbit of information twice in order for
> the receiving station to copy it to be much of a digital communications
> mode. ARQ is the way to go and to the best of my knowledge there is no
> sound card based ARQ keyboard mode other than the one being developed by
> Rick. I eagerly look forward to it's completion and release
>
> Ed. K7AAT
>
> Sent from Ed's iPad
>
> On Jan 11, 2014, at 2:59 PM, Bill Turner <dezrat1242@...> wrote:
>
>
>
> ORIGINAL MESSAGE: (may be snipped)
>
> On Sat, 11 Jan 2014 14:24:03 -0800, someone wrote:
>
> >> This does not look like a very active groups nor do I find much
> >activity on the v4 / h4 frequencies. Is anyone else finding the same
> thing?
>
> REPLY:
>
> I would like to suggest a reason for that, at least in part.
>
> There are too many new digital modes. Everybody and his brother develops a
> new mode and then writes umpteen versions of it and people wonder why there
> is little activity.
>

> Right now the big three are RTTY, PSK31 and JT65. None of them have
> "versions", at least none that are popular. If you say "RTTY" people know
> you mean 45.45 baud, 170 Hz shift. Only in pre-scheduled circumstances will
> you hear anything else. PSK31 and JT65 are even simpler. There are no
> "versions" at all, at least none I'm aware of.
>
> A plea to developers: Write something that is really better, not just
> different. Otherwise the mess will just go on forever. Do your beta testing
> with your friends, not with the whole world. Only when you truly have a new
> program in the same class as the big three should you release it to
> everybody. Thank you.
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> Grumpy mode off.
>
> 73, Bill W6WRT
>
>
>

3837. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-12 06:31:30 UTC
From: K7AAT.ED@gmail.com
Topic: 3814 Message: 3837

You've goy to be kidding me?? ☐ I just took a look around at both programs....and could find next to no useful info on the HRI program, which doesn't appear to be something one can call CQ and keyboard with anyway ??
And as far as ALE goes, it seems hard to me to even make a comparison of that to the simple elegance and ease of use that Rick's Chat program has.

Just my first opinion. Maybe more research might change it.

Ed K7AAT

Sent from Ed's iPad

> On Jan 11, 2014, at 9:14 PM, "Bastress, David G" <bastress@...> wrote:
>
> Ed,
>
> There are at least two other sound card ARQ modes.
> 1. ALE 400 in MULTIPSK
> 2 . HRI WINMOR which uses one of Rick's other tncs the WINMOR tnc. You can do either FEC mode or ARQ mode with it.
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> I have played with both.
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> Dave K3GAU
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>> On Jan 11, 2014 10:57 PM, "K7AAT.ED@..." <k7aat.ed@...> wrote:
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>> I agree, too many digital modes, and most of them are lacking. Even the most popular one, PSK31 sucks unless you have a perfect signal. I do not consider having to repeat every tidbit of information twice in order for the receiving station to copy it to be much of a digital communications mode. ARQ is the way to go and to the best of my knowledge there is no sound card based ARQ keyboard mode other than the one being developed by Rick. I eagerly look forward to it's completion and release
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>>> program in the same class as the big three should you release it to
>>> everybody. Thank you.
>>>
>>> Grumpy mode off.
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>>> 73, Bill W6WRT
>
>

3838. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-12 13:17:35 UTC
From: Bastress, David G
Topic: 3814 Message: 3838

GM Ed,

Well, I agree with you that MULTIPSK is a hand full. I've had it for a number of years but I don't use it all that much any more. It is kind of my 'goto' program if nothing else will decode a signal. I do use its CLOCK aux program to set my computer's clock to CHU time quite often.

As for HRI, Howard mostly designed the program for rig and shack control and threw in the Winmor TNC for conversing. For the most part the Winmor part works pretty well. I really haven't played much with the rest of the program as I don't have most of the equipment it was designed to control. Several of us suggested he pull the Winmor part out of HRI and make it a separate program but he didn't seem interested. May be I shouldn't say this, but I like it better than V4CHAT or now CHAT.

For some reason V4CHAT and CHAT have never 'felt' right to me. They are not 'intuitive' and you seem to have to 'force' things in the program. I think others may have gotten the same feeling as even though the mode in one form or the other has been around for several years, it has never caught on big time and development has been painfully slow.

I don't know if any ARQ mode is 'right' for the masses. Most operators don't seem to like the constant noise of switching back and forth between rx and tx and it puts a monkey on their backs to constantly have something to say or the program will time out the ARQ connection so over all an ARQ contact is not nearly as pleasurable as normal contacts. It's a bit more like runnng in a contest rather than having a 'chat'.

Anyway, that's take on things ARQ. FWIW.

DAVE K3GAU
On Jan 12, 2014 1:31 AM, "K7AAT.ED@..." <k7aat.ed@...> wrote:

>
>
> You've goy to be kidding me?? ☐ I just took a look around at both
> programs....and could find next to no useful info on the HRI program, which
> doesn't appear to be something one can call CQ and keyboard with anyway ??
> And as far as ALE goes, it seems hard to me to even make a comparison of
> that to the simple elegance and ease of use that Rick's Chat program has.
>
> Just my first opinion. Maybe more research might change it.
>
> Ed K7AAT
>
> Sent from Ed's iPad

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> On Jan 11, 2014, at 9:14 PM, "Bastress, David G" <bastress@...>
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> Ed,
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> 2 . HRI WINMOR which uses one of Rick's other tncs the WINMOR tnc. You
> can do either FEC mode or ARQ mode with it.
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> I have played with both.
>
> Dave K3GAU
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>> I agree, too many digital modes, and most of them are lacking. Even the
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>> On Jan 11, 2014, at 2:59 PM, Bill Turner <dezrat1242@...> wrote:
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>> program in the same class as the big three should you release it to
>> everybody. Thank you.
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>> Grumpy mode off.
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>> 73, Bill W6WRT
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>>
>

3839. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-12 16:48:13 UTC
From: K7AAT.ED@gmail.com
Topic: 3814 Message: 3839

Well, Dave, I must say my experience with Chat is apparently not the same as yours.....I find the program quite simple and intuitive to use. Rick's built in HELP filer is certainly a convenience for those who need it, too. The back and forth switching for ARQ does not bother me....(using IC 746pRO) but then again I am used to Winmor which I use extensively in our local ARES program. I guess time will tell ..... and perhaps a little publicity might help also. I recall the article in QST about JT65hf certainly seemed to boost usage of the JT modes.

Ed. K7AAT

Sent from Ed's iPad

> On Jan 12, 2014, at 5:17 AM, "Bastress, David G" <bastress@...> wrote:
>
> GM Ed,
>
> Well, I agree with you that MULTIPSK is a hand full. I've had it for a number of years but I don't use it all that much any more. It is kind of my 'goto' program if nothing else will decode a signal. I do use its CLOCK aux program to set my computer's clock to CHU time quite often.
>
> As for HRI, Howard mostly designed the program for rig and shack control and threw in the Winmor TNC for conversing. For the most part the Winmor part works pretty well. I really haven't played much with the rest of the program as I don't have most of the equipment it was designed to control. Several of us suggested he pull the Winmor part out of HRI and make it a separate program but he didn't seem interested. May be I shouldn't say this, but I like it better than V4CHAT or now CHAT.
>
> For some reason V4CHAT and CHAT have never 'felt' right to me. They are not 'intuitive' and you seem to have to 'force' things in the program. I think others may have gotten the same feeling as even though the mode in one form or the other has been around for several years, it has never caught on big time and development has been painfully slow.
>
> I don't know if any ARQ mode is 'right' for the masses. Most operators don't seem to like the constant noise of switching back and forth between rx and tx and it puts a monkey on their backs to constantly have something to say or the program will time out the ARQ connection so over all an ARQ contact is not nearly as pleasurable as normal contacts. It's a bit more like runnng in a contest rather than having a 'chat'.
>
> Anyway, that's take on things ARQ. FWIW.
>
> DAVE K3GAU
>
>> On Jan 12, 2014 1:31 AM, "K7AAT.ED@..." <k7aat.ed@...m> wrote:
>>
>> You've goy to be kidding me?? ☐ I just took a look around at both programs....and could find next to no useful info on the HRI program, which doesn't appear to be something one can call CQ and keyboard with anyway ??
>> And as far as ALE goes, it seems hard to me to even make a comparison of that to the simple elegance and ease of use that Rick's Chat program has.

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>>> Ed,
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>>> 1. ALE 400 in MULTIPSK
>>> 2 . HRI WINMOR which uses one of Rick's other tncs the WINMOR tnc. You can do either FEC mode or ARQ mode with it.
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>>> I have played with both.
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>>> Dave K3GAU
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>>>> On Jan 11, 2014 10:57 PM, "K7AAT.ED@..." <k7aat.ed@...> wrote:
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>>>> Ed. K7AAT
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>>>> On Jan 11, 2014, at 2:59 PM, Bill Turner <dezrat1242@...> wrote:
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>>>>> ORIGINAL MESSAGE: (may be snipped)
>>>>>
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>>>>> REPLY:
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>>>>> I would like to suggest a reason for that, at least in part.
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>>>>> There are too many new digital modes. Everybody and his brother develops a
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>>>>> Right now the big three are RTTY, PSK31 and JT65. None of them have
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>>>>> you mean 45.45 baud, 170 Hz shift. Only in pre-scheduled circumstances will
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>>>>> A plea to developers: Write something that is really better, not just
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>>>>> everybody. Thank you.
>>>>>
>>>>> Grumpy mode off.
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>>>>> 73, Bill W6WRT
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>

3840. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-13 12:44:28 UTC
From: <esunetdude@...>
Topic: 3814 Message: 3840

No way can JT65 be compared to real keyboarding in V4Chat and now Chat. JT65 is painfully slow, and quite limited in message content. As for ARQ control going between RX.TX, that is the whole idea. I was rather pleased to see the software managing the communications.

I think one thing that has been a problem is the new H4 Chat is not complete. Of course the author/developer has a career like most of us so these things come second. Once it is more complete and functional I would expect people to use it more. For now there are parts that are not complete. Another nice thing, possibly a new feature suggestion, is to have it broadcast an RSID at the start of a QSO or when in beacon mode. There are those not familiar with Chat and the RSID might help lead them identify what the signals are.

Finally, as for simplicity, Chat is absolutely going to need macro functionality. People using any of the various keyboard digital suites such as MultiPSK or fldigi have grown attached to their macros. I realize this is glitz that must wait until after the core functionality is established. But it really needs to be included.

73
Doug, N3JXB

3841. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-13 16:11:37 UTC
From: Bastress, David G
Topic: 3814 Message: 3841

GM Ed,

I've used RMSX for several years myself. Personally, I don't have a problem with the back and forth of CHAT but I do know operators that don't like the ping pong type of QSO.

Having used RMSX was one reason why I was excited to see a conversational version using the Winmor TNC (HRI Winmor). Also being involved in emcomm at the time I thought it would be ideal for use on nets and/or for passing traffic but Rick wasn't interested in adding a conversational mode to RMSX instead choosing to develop another mode (V4CHAT) for conversing because it was spectrally "more efficient" .

Having monitored many emcomm /traffic nets it seems a common MO is to call and run the net in something like Olivia 8/500 then, whenever they wish to pass traffic or maybe a bulletin, switch to something like MT63-1KL or something even wider for speed.
FLDIGI when set up properly with its suite of programs has made it almost effortless.

However all is not 'beautiful' when using that MO. If there are stations that happen to be close to the net frequency and maybe were there before the net started, they are suddenly getting bombarded by the wider mode's sidebands. Nice! :>(

With todays digital encoding and decoding it is possible for two stations to be next to each other with minimal interference but suddenly, if one of them gets twice as wide, things can get ugly! My point being that it would be nice to have one mode that could maintain its bandwidth, be good for chatting or
net operation and yet be efficient at passing traffic error free.

The Winmor TNC if implemented fully can do that. So what if it is 500 Hz. wide, so is Olivia 8/500 and it is used quite a bit for net operations and 'chatting'. Then you could have one program that can be used for chatting, net operation, passing traffic or, if needed, connecting with the Winlink system.

HRI's implementation of the Winmor TNC proves it works for chatting in both the FEC and ARQ modes (We have chatted and sent some big files using 'copy' and 'paste' with it) but it is not setup to work with the Winlink system. RMSX's implementation proves it works with the Winlink system but you can't chat or use the FEC mode. What we need is someone to build a nice GUI and supporting structure that uses the FULL potential of the Winmor TNC and call it a day.

Whether it would catch on in great numbers I don't know. There are still a lot of hams that are stuck on the 'one way at a time' routine of a normal QSO and find it hard to get use to the free wheeling dialog you can get with short bursts and ARQ. (Basically digital mode 'VOX' or 'QSK') It can be interesting and fun it you are chatting with someone that can handle it.

There is also a program BPQ (I think). I understand that it has incorporated the Winmor TNC in it but I am not familiar with it. Maybe someone else on here can tell us about it.

Anyway, all my comments are FWIW. :-)

Dave K3GAU

On Sun, Jan 12, 2014 at 11:48 AM, K7AAT.ED@... <k7aat.ed@...>wrote:

>
>
> Well, Dave, I must say my experience with Chat is apparently not the same
> as yours.....I find the program quite simple and intuitive to use. Rick's
> built in HELP filer is certainly a convenience for those who need it, too.
> The back and forth switching for ARQ does not bother me....(using IC
> 746pRO) but then again I am used to Winmor which I use extensively in our
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> GM Ed,
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> and threw in the Winmor TNC for conversing. For the most part the Winmor
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> program as I don't have most of the equipment it was designed to control.
> Several of us suggested he pull the Winmor part out of HRI and make it a
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>>> A plea to developers: Write something that is really better, not just
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>>> Grumpy mode off.
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>>> 73, Bill W6WRT
>>>
>>>
>

3842. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-13 17:22:18 UTC
From: <f5fj@...>
Topic: 3814 Message: 3842

hi Dave
i'm qrv HRI/winmor on 20m, 17m and 30m, but not much people here are active.
maybe you wud like to have a try with me ... just give me a sked .
I'm retired so i have much time for various tests
HNY and all the best Jean / F5FJ+

3843. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-13 19:01:58 UTC
From: K7AAT.ED@gmail.com
Topic: 3814 Message: 3843

Dave,

To follow up on my just sent post, I must correct some of the things I stated of your comments. I see that you were referring to your use of RMS Express.....I had not recognized your abbreviation ' RMSX '. (not enough coffee here yet,). But my comments would apply to HRI.

Ed. K7AAT

Sent from Ed's iPad

> On Jan 13, 2014, at 8:11 AM, "Bastress, David G" <bastress@...> wrote:
>
> GM Ed,
>
> I've used RMSX for several years myself. Personally, I don't have a problem with the back and forth of CHAT but I do know operators that don't like the ping pong type of QSO.
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> Having used RMSX was one reason why I was excited to see a conversational version using the Winmor TNC (HRI Winmor). Also being involved in emcomm at the time I thought it would be ideal for use on nets and/or for passing traffic but Rick wasn't interested in adding a conversational mode to RMSX instead choosing to develop another mode (V4CHAT) for conversing because it was spectrally "more efficient" .
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> The Winmor TNC if implemented fully can do that. So what if it is 500 Hz. wide, so is Olivia 8/500 and it is used quite a bit for net operations and 'chatting'. Then you could have one program that can be used for chatting, net operation, passing traffic or, if needed, connecting with the Winlink system.
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it a day.
>
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> There is also a program BPQ (I think). I understand that it has incorporated the Winmor TNC in it but I am not familiar with it. Maybe someone else on here can tell us about it.
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> Anyway, all my comments are FWIW. :-)
>
> Dave K3GAU
>
>
>
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>
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>> On Sun, Jan 12, 2014 at 11:48 AM, K7AAT.ED@... <k7aat.ed@...> wrote:
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>>
>> Ed. K7AAT
>>
>> Sent from Ed's iPad
>>
>>> On Jan 12, 2014, at 5:17 AM, "Bastress, David G" <bastress@...> wrote:
>>>
>>>
>>> GM Ed,
>>>
>>> Well, I agree with you that MULTIPSK is a hand full. I've had it for a number of years but I don't use it all that much any more. It is kind of my 'goto' program if nothing else will decode a signal. I do use its CLOCK aux program to set my computer's clock to CHU time quite often.
>>>
>>> As for HRI, Howard mostly designed the program for rig and shack control and threw in the Winmor TNC for conversing. For the most part the Winmor part works pretty well. I really haven't played much with the rest of the program as I don't have most of the equipment it was designed to control. Several of us suggested he pull the Winmor part out of HRI and make it a separate program but he didn't seem interested. May be I shouldn't say this, but I like it better than V4CHAT or now CHAT.
>>>
>>> For some reason V4CHAT and CHAT have never 'felt' right to me. They are not 'intuitive' and you seem to have to 'force' things in the program. I think others may have gotten the same feeling as even though the mode in one form or the other has been around for several years, it has never caught on big time and development has been painfully slow.
>>>

>>> I don't know if any ARQ mode is 'right' for the masses. Most operators don't seem to like the constant noise of switching back and forth between rx and tx and it puts a monkey on their backs to constantly have something to say or the program will time out the ARQ connection so over all an ARQ contact is not nearly as pleasurable as normal contacts. It's a bit more like runnng in a contest rather than having a 'chat'.
>>>
>>> Anyway, that's take on things ARQ. FWIW.
>>>
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>>>
>>>> On Jan 12, 2014 1:31 AM, "K7AAT.ED@..." <k7aat.ed@...> wrote:
>>>>
>>>> You've goy to be kidding me?? ☐ I just took a look around at both programs....and could find next to no useful info on the HRI program, which doesn't appear to be something one can call CQ and keyboard with anyway ??
>>>> And as far as ALE goes, it seems hard to me to even make a comparison of that to the simple elegance and ease of use that Rick's Chat program has.
>>>>
>>>> Just my first opinion. Maybe more research might change it.
>>>>
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>>>>> On Jan 11, 2014, at 9:14 PM, "Bastress, David G" <bastress@cedarville.edu> wrote:
>>>>>
>>>>>
>>>>> Ed,
>>>>>
>>>>> There are at least two other sound card ARQ modes.
>>>>> 1. ALE 400 in MULTIPSK
>>>>> 2 . HRI WINMOR which uses one of Rick's other tncs the WINMOR tnc. You can do either FEC mode or ARQ mode with it.
>>>>>
>>>>> I have played with both.
>>>>>
>>>>> Dave K3GAU
>>>>>
>>>>>> On Jan 11, 2014 10:57 PM, "K7AAT.ED@..." <k7aat.ed@...> wrote:
>>>>>>
>>>>>> I agree, too many digital modes, and most of them are lacking. Even the most popular one, PSK31 sucks unless you have a perfect signal. I do not consider having to repeat every tidbit of information twice in order for the receiving station to copy it to be much of a digital communications mode. ARQ is the way to go and to the best of my knowledge there is no sound card based ARQ keyboard mode other than the one being developed by Rick. I eagerly look forward to it's completion and release
>>>>>>
>>>>>> Ed. K7AAT
>>>>>>
>>>>>> Sent from Ed's iPad
>>>>>>
>>>>>>> On Jan 11, 2014, at 2:59 PM, Bill Turner <dezrat1242@wildblue.net> wrote:

>>>>>>
>>>>>>>
>>>>>>> ORIGINAL MESSAGE: (may be snipped)
>>>>>>>
>>>>>>> On Sat, 11 Jan 2014 14:24:03 -0800, someone wrote:
>>>>>>>
>>>>>>> >> This does not look like a very active groups nor do I find much
>>>>>>> >activity on the v4 / h4 frequencies. Is anyone else finding the same thing?
>>>>>>>
>>>>>>> REPLY:
>>>>>>>
>>>>>>> I would like to suggest a reason for that, at least in part.
>>>>>>>
>>>>>>> There are too many new digital modes. Everybody and his brother develops a
>>>>>>> new mode and then writes umpteen versions of it and people wonder why there
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>>>>>>>
>>>>>>> Right now the big three are RTTY, PSK31 and JT65. None of them have
>>>>>>> "versions", at least none that are popular. If you say "RTTY" people know
>>>>>>> you mean 45.45 baud, 170 Hz shift. Only in pre-scheduled circumstances will
>>>>>>> you hear anything else. PSK31 and JT65 are even simpler. There are no
>>>>>>> "versions" at all, at least none I'm aware of.
>>>>>>>
>>>>>>> A plea to developers: Write something that is really better, not just
>>>>>>> different. Otherwise the mess will just go on forever. Do your beta testing
>>>>>>> with your friends, not with the whole world. Only when you truly have a new
>>>>>>> program in the same class as the big three should you release it to
>>>>>>> everybody. Thank you.
>>>>>>>
>>>>>>> Grumpy mode off.
>>>>>>>
>>>>>>> 73, Bill W6WRT
>
>

3844. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-13 18:56:41 UTC
From: K7AAT.ED@gmail.com
Topic: 3814 Message: 3844

Dave,

I am a little bit puzzled at your reference to a " ping pong " QSO using Chat, yet you seem to extol the virtues of Winmor TNC which also uses ARQ. While any transmission using an ARQ mode will have the transmitter switching to receive periodically to check for errors back, as far as I am concerned it is invisible to the operator whose only issue should be the typing of his conversation.

As I have indicated before, I do not like to either have to guess what a digital operator was sending me when there are errors in the transmission or having to ask for a repeat....thus in my view ARQ is the way to go for ham digital transmissions, and with the expected completion and polish of Chat, that appears to be the keyboarding program I am looking for to replace the likes of PSK31.

Ed. K7AAT

Sent from Ed's iPad

> On Jan 13, 2014, at 8:11 AM, "Bastress, David G" <bastress@cedarville.edu> wrote:
>
> GM Ed,
>
> I've used RMSX for several years myself. Personally, I don't have a problem with the back and forth of CHAT but I do know operators that don't like the ping pong type of QSO.
>
> Having used RMSX was one reason why I was excited to see a conversational version using the Winmor TNC (HRI Winmor). Also being involved in emcomm at the time I thought it would be ideal for use on nets and/or for passing traffic but Rick wasn't interested in adding a conversational mode to RMSX instead choosing to develop another mode (V4CHAT) for conversing because it was spectrally "more efficient" .
>
> Having monitored many emcomm /traffic nets it seems a common MO is to call and run the net in something like Olivia 8/500 then, whenever they wish to pass traffic or maybe a bulletin, switch to something like MT63-1KL or something even wider for speed.
> FLDIGI when set up properly with its suite of programs has made it almost effortless.
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> However all is not 'beautiful' when using that MO. If there are stations that happen to be close to the net frequency and maybe were there before the net started, they are suddenly getting bombarded by the wider mode's sidebands. Nice! :>(
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> net operation and yet be efficient at passing traffic error free.
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> The Winmor TNC if implemented fully can do that. So what if it is 500 Hz. wide, so is Olivia 8/500 and it is used quite

a bit for net operations and 'chatting'. Then you could have one program that can be used for chatting, net operation, passing traffic or, if needed, connecting with the Winlink system.
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> Whether it would catch on in great numbers I don't know. There are still a lot of hams that are stuck on the 'one way at a time' routine of a normal QSO and find it hard to get use to the free wheeling dialog you can get with short bursts and ARQ. (Basically digital mode 'VOX' or 'QSK') It can be interesting and fun it you are chatting with someone that can handle it.
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> There is also a program BPQ (I think). I understand that it has incorporated the Winmor TNC in it but I am not familiar with it. Maybe someone else on here can tell us about it.
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>>>>>>> everybody. Thank you.
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>>>>>>> Grumpy mode off.
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>>>>>>> 73, Bill W6WRT
>>>>>
>>>>

3845. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-13 19:46:38 UTC
From: wb0kgn@...
Topic: 3814 Message: 3845

The fact that psk users have become attached to their macros might be a good reason to leave them off of H4 chat.

Dave in Minnesota
wb0kgn

----- Original Message -----
From: esunetdude@...
To: V4Protocol@yahoogroups.com
Sent: Monday, January 13, 2014 6:44:28 AM
Subject: Re: [V4Protocol] Scheduled Activity

No way can JT65 be compared to real keyboarding in V4Chat and now Chat. JT65 is painfully slow, and quite limited in message content. As for ARQ control going between RX.TX, that is the whole idea. I was rather pleased to see the software managing the communications.

I think one thing that has been a problem is the new H4 Chat is not complete. Of course the author/developer has a career like most of us so these things come second. Once it is more complete and functional I would expect people to use it more. For now there are parts that are not complete. Another nice thing, possibly a new feature suggestion, is to have it broadcast an RSID at the start of a QSO or when in beacon mode. There are those not familiar with Chat and the RSID might help lead them identify what the signals are.

Finally, as for simplicity, Chat is absolutely going to need macro functionality. People using any of the various keyboard digital suites such as MultiPSK or fldigi have grown attached to their macros. I realize this is glitz that must wait until after the core functionality is established. But it really needs to be included.

73
Doug, N3JXB

3846. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-14 12:42:50 UTC
From: <esunetdude@...>
Topic: 3814 Message: 3846

Dave, I must be missing something. What does the desire to have macros have to do with PSK operators and HAM4 Chat? I frequently operate multiple digital modes, including Olivia and RTTY, and some PSK. The QSO's can get lengthy with some going more than an hour, The macros are a useful tool in the QSO. I notice the same thing with the operators I am having the QSO with. Examples of useful macros are a standard greeting, QTH and name, and a 73 macro that logs the QSO and invites SWL feedback. I fail to see how including a tool for these might be a bad thing. And some of the apps that have these are nothing at all to do with PSK. Look at MMTTY as an example.

73,
Doug N3JXB

3847. new top the group - questions

Yahoo group: V4Protocol
Date: 2014-01-14 12:59:03 UTC
From: Jim Beard
Topic: 3847 Message: 3847

I just got V4 installed.

A few basic questions

What kind of power are folks running 5, 10 or watts more?

I was trying to find the frequencies for V4Chat and found the following are these close?
80 m: 3.583 MHz USB, 3.590 MHz USB (EU)
40 m: 7.073 MHz USB, 7.040 MHz USB (EU)
30 m: 10.131 MHz USB, 10.136 MHz USB
20 m: 14.073 MHz USB
17 m: 18.085 MHz USB, 18.103 MHz USB
15 m: 21.073 MHz USB

Jim Beard
jfbeard@...
AE5ZZ

3848. RE: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-14 13:17:44 UTC
From: Kirk
Topic: 3814 Message: 3848
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Doug,

In defense of Dave, (not that he needs defending), I think where Dave is coming from may be due to the over use of macros. I've found this to be especially true with a lot of PSK ops. As a matter of fact, I will very quickly conclude a QSO if the other party is constantly depending upon use of macros. For me, this makes a QSO boring! Now then, having said that, I do believe that macros are a great tool and very useful but not when they are over used. Within V4 and H4, you can create and save any script you choose. This certainly isn't macros but using this method is quick and easy.

73,

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of esunetdude@hotmail.com
Sent: Tuesday, January 14, 2014 7:43 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Scheduled Activity

Dave, I must be missing something. What does the desire to have macros have to do with PSK operators and HAM4 Chat? I frequently operate multiple digital modes, including Olivia and RTTY, and some PSK. The QSO's can get lengthy with some going more than an hour, The macros are a useful tool in the QSO. I notice the same thing with the operators I am having the QSO with. Examples of useful macros are a standard greeting, QTH and name, and a 73 macro that logs the QSO and invites SWL feedback. I fail to see how including a tool for these might be a bad thing. And some of the apps that have these are nothing at all to do with PSK. Look at MMTTY as an example.

73,

Doug N3JXB

3849. AW: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-14 15:31:12 UTC
From: siegfried jackstien
Topic: 3814 Message: 3849

Agreed with dave and you ... some ops only type "f1" "f2" "f3" (starting their macros) and that is all for a qso (a friend made psk qsos while driving to work with just sending out his macros) ...

But that is not a "chat" ... it is just like in a contest ... fivebyninethenextoneplease

Macros are a good thing to have .... (for station info or other things) ... but needed??? No

(you can just have some texts prebuilt and send them out ... but not with an "f"-button ... with just copy and paste (windows)

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Kirk
> Gesendet: Dienstag, 14. Januar 2014 13:18
> An: V4Protocol@yahoogroups.com
> Betreff: RE: [V4Protocol] Scheduled Activity
>
>
>
> Hi Doug,
>
>
>
> In defense of Dave, (not that he needs defending), I think where Dave is
> coming from may be due to the over use of macros. I□ve found this to be
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> quickly conclude a QSO if the other party is constantly depending upon use
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>
> 73,
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>
>

> Kirk, K6KAR
>
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> From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On
> Behalf Of esunetdude@hotmail.com
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> 73,
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> Doug N3JXB
>
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3850. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-14 15:53:14 UTC
From: Don Poaps
Topic: 3814 Message: 3850

That's what I've done. I have a text for CQ as I have call sign 3 times. I
also have a file for equipment etc that I'm using.

If we had a posting on the web that would have the freq for each band like
we have for Pactor. 14109, 18111, 21111 etc. new comers as well us old guys
who have to keep cheats sheets to remind them of what freq.

Just a thought.

Don va7dgp

On Tuesday, January 14, 2014, siegfried jackstien wrote:

>
>
> Agreed with dave and you ... some ops only type "f1" "f2" "f3" (starting
> their macros) and that is all for a qso (a friend made psk qsos while
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> (you can just have some texts prebuilt and send them out ... but not with
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> Dg9bfc
>
> Sigi
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> > -----Ursprüngliche Nachricht-----
> > Von: V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');> [mailto:V4Protocol@yahoogroups.com<javascript:_e({},
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> > Behalf Of esunetdude@hotmail.com <javascript:_e({}, 'cvml',
> 'esunetdude@...');>
> > Sent: Tuesday, January 14, 2014 7:43 AM
> > To: V4Protocol@yahoogroups.com <javascript:_e({}, 'cvml',
> 'V4Protocol@yahoogroups.com');>
> > Subject: Re: [V4Protocol] Scheduled Activity
> >
> >
> >
> >
> >
> > Dave, I must be missing something. What does the desire to have macros
> > have to do with PSK operators and HAM4 Chat? I frequently operate
> multiple
> > digital modes, including Olivia and RTTY, and some PSK. The QSO's can get
> > lengthy with some going more than an hour, The macros are a useful tool
> in
> > the QSO. I notice the same thing with the operators I am having the QSO
> > with. Examples of useful macros are a standard greeting, QTH and name,
> and
> > a 73 macro that logs the QSO and invites SWL feedback. I fail to see how

> > including a tool for these might be a bad thing. And some of the apps
> that
> > have these are nothing at all to do with PSK. Look at MMTTY as an
> example.
> >
> >
> >
> > 73,
> >
> > Doug N3JXB
> >
> >
> >
> >
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP

3851. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-14 16:45:48 UTC
From: W6IDS
Topic: 3814 Message: 3851

Just to comment, I don't use macros all that much. . . just CQ, Testing, and inserting ahead of my next commentary section (hiscall de mycall). Sometimes, I use a "73" macro. . . . maybe. I insert info about the station sometimes, but only manually, by hand, and briefly.

But, more commonly, I type everything else in real-time. Perhaps that is a little problem for other operators who cannot "touch type." So, to keep up with the pace of the contact, they resort to relying upon macros, especially if they do not use English as a working language when connecting to American stations. If I was interested in working Italian, Japanese, French stations in the native language I'd actively use macros for most of the connection content, just to have the contact.

If you use a copy 'n paste method, that really is no different than using the "f" key to insert the text, IMHO of course. I think THAT is more work.

Including my own personal comments with live typing can be really difficult if I find that the other station is responding with one word answers or that macros are appearing everywhere. Or, I might be typing about the WX and location, why I'm on at that moment, and I get back a signal report, name, QTH and then it's my turn again. (Well, same thing happens with voice too)

If you can read/speak the language involved, can type, I think one needs to actually "participate live" in the normal, daily, connection and express your comments by typing them, even if using the "type-ahead" buffer. That's called communicating with conversation, sharing thoughts and experiences in an act that is very dangerous too. A one-on-one connection, something that is truly now becoming a very real lost art.

That's why I don't rely upon cell phone TXTing too much, tweeting never, face book never, and macros infrequently <GRIN>. A keyboard chat with V4, PSK, RTTY, Pactor, Amtor, etc will find you talking to ME, time consuming though it might be, for the absence of conversation macros. <GRIN>

BTW, WHY are V4 connections held in an "abbreviated format" anyway? It seems like there's an effort to mimic the TXTing done on a cell phone.

Howard W6IDS
Richmond, IN EM79NV

<SNIP>

On Tuesday, January 14, 2014, siegfried jackstien wrote:

Agreed with dave and you ... some ops only type "f1" "f2" "f3" (starting their macros) and that is all for a qso (a friend made psk qsos while driving to work with just sending out his macros) ...

But that is not a "chat" ... it is just like in a contest ...
fivebyninethenextoneplease

Macros are a good thing to have .... (for station info or other things) ...
but needed??? No

(you can just have some texts prebuilt and send them out ... but not with an
"f"-button ... with just copy and paste (windows)

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: javascript:_e({}, 'cvml', 'V4Protocol@yahoogroups.com'); [mailto:javascript:_e({},
'cvml', 'V4Protocol@yahoogroups.com');] Im
> Auftrag von Kirk
> Gesendet: Dienstag, 14. Januar 2014 13:18
> An: javascript:_e({}, 'cvml', 'V4Protocol@yahoogroups.com');
> Betreff: RE: [V4Protocol] Scheduled Activity
>
> Hi Doug,
>
> In defense of Dave, (not that he needs defending), I think where Dave is
> coming from may be due to the over use of macros. I've found this to be
> especially true with a lot of PSK ops. As a matter of fact, I will very
> quickly conclude a QSO if the other party is constantly depending upon use
> of macros. For me, this makes a QSO boring! Now then, having said that, I
> do believe that macros are a great tool and very useful but not when they
> are over used. Within V4 and H4, you can create and save any script you
> choose. This certainly isn't macros but using this method is quick and
> easy.
>
> Kirk, K6KAR
>

<SNIP> <SNIP>

3852. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-14 21:57:09 UTC
From: wb0kgn@...
Topic: 3814 Message: 3852

The psk frequencies and mode tend to have shorter qso's. Qsos that are mostly an exchange of
buffers are more likely to be found there. If you have had a busy day at work and need something less challenging, ok. I would like my qsos pre-sorted.

To each his own said the lady as she kissed the cow,

Dave
wb0kgn
----- Original Message -----
From: esunetdude@...
To: V4Protocol@yahoogroups.com
Sent: Tuesday, January 14, 2014 6:42:50 AM
Subject: Re: [V4Protocol] Scheduled Activity

Dave, I must be missing something. What does the desire to have macros have to do with PSK operators and HAM4 Chat? I frequently operate multiple digital modes, including Olivia and RTTY, and some PSK. The QSO's can get lengthy with some going more than an hour, The macros are a useful tool in the QSO. I notice the same thing with the operators I am having the QSO with. Examples of useful macros are a standard greeting, QTH and name, and a 73 macro that logs the QSO and invites SWL feedback. I fail to see how including a tool for these might be a bad thing. And some of the apps that have these are nothing at all to do with PSK. Look at MMTTY as an example.

73,

Doug N3JXB

3853. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-14 22:04:48 UTC
From: wb0kgn@...
Topic: 3814 Message: 3853

Those for whom English is difficult might be happier with a slower mode. 32 tone 1000 hz olivia is a good dx mode, and is quite slow. And for those of us for whom both English and typing are easy, we can get a cup of coffee while the buffer is emptying.

Dave
wb0kgn

----- Original Message -----
From: "W6IDS" <w6ids@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, January 14, 2014 10:45:48 AM
Subject: Re: [V4Protocol] Scheduled Activity

Just to comment, I don't use macros all that much. . . just CQ, Testing, and inserting ahead of my next commentary section (hiscall de mycall). Sometimes, I use a "73" macro. . . . maybe. I insert info about the station sometimes, but only manually, by hand, and briefly.

But, more commonly, I type everything else in real-time. Perhaps that is a little problem for other operators who cannot "touch type." So, to keep up with the pace of the contact, they resort to relying upon macros, especially if they do not use English as a working language when connecting to American stations. If I was interested in working Italian, Japanese, French stations in the native language I'd actively use macros for most of the connection content, just to have the contact.

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It seems like there’s an effort to mimic the TXTing done on a cell phone.

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Dg9bfc

Sigi

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> quickly conclude a QSO if the other party is constantly depending upon use
> of macros. For me, this makes a QSO boring! Now then, having said that, I
> do believe that macros are a great tool and very useful but not when they
> are over used. Within V4 and H4, you can create and save any script you
> choose. This certainly isn’t macros but using this method is quick and
> easy.
>
> Kirk, K6KAR
>

<SNIP> <SNIP>

3854. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-14 22:46:49 UTC
From: W6IDS
Topic: 3814 Message: 3854

How do you pe-sort QSOs?

From: wb0kgn@...
Sent: Tuesday, January 14, 2014 4:57 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Scheduled Activity

The psk frequencies and mode tend to have shorter qso's. Qsos that are mostly an exchange of
buffers are more likely to be found there. If you have had a busy day at work and need something less challenging, ok. I would like my qsos pre-sorted.

To each his own said the lady as she kissed the cow,

Dave
wb0kgn

3855. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-14 23:19:35 UTC
From: wb0kgn@...
Topic: 3814 Message: 3855

You are more likely to find the short ones with psk31. Longer ones with other modes. Longest qsos are found on 14.1075 using 32 tone 1000 hz Olivia (if you can find someone there).

Dave

----- Original Message -----
From: "W6IDS" <w6ids@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, January 14, 2014 4:46:49 PM
Subject: Re: [V4Protocol] Scheduled Activity

How do you pe-sort QSOs?

From: wb0kgn@...
Sent: Tuesday, January 14, 2014 4:57 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Scheduled Activity

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buffers are more likely to be found there. If you have had a busy day at work and need something less challenging, ok. I would like my qsos pre-sorted.

To each his own said the lady as she kissed the cow,

Dave
wb0kgn

3856. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-15 18:00:50 UTC
From: <esunetdude@...>
Topic: 3814 Message: 3856

What I generally find is PSK operators like/want are a very short and quick QSO. Swap name, QTH and signal report. Very rarely do I find PSK ops that want to really keyboard. The same is true for RTTY. When I get to Olivia, Contestia, Dominoex, MFSK, etc. the QSO is longer and more than a name and signal report exchange.

In replacement of macros, this idea of putting the information in a text file and then doing a copy/paste got me thinking. How difficult would it be to support a drag and drop where the file contains the text and once dropped on H4 chat window the text would be pasted in. That might hit the mark.

Doug - N3JXB

3857. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-01-15 19:56:57 UTC
From: <nr5g@...>
Topic: 3814 Message: 3857

I agree with ED, ARQ is a great way to go. Rick's V4Chat program makes for a great "ragchew" mode and allows even slower typists to enjoy keyboard qsos. ALE400 is another awesome ARQ mode which I do not feel has been discovered by many or they turned away from it because they felt they had to join a group of hams that dedicate their radios to specific frequencies and having to scan various bands using a mutiband antenna under somewhat of a strict protocol. Not necessarily so. ALE400 "the mode" itself can be used for very long-winded qsos. I warmly welcome anything and everything that Rick, KN6KB is developing that attempts to promote more interest in the hobby. As for the folks that preferto use PSK31 with their macro files...that's ok too..I think they do a great job of staying pretty much down on one center frequency and take advantage of the narrow bandwidths. The way I see, for the most part, everyone down on the digital portion of the bands are having a good time while others are up on the phone bands arguing over who has the BEST AUDIO and STRONGEST SIGNAL.. It was a sad when the code requirement was abolished. LONG LIVE THE DIGITAL MODES...

NR5G

3858. Anyone up for 160, 80 or 60 Meters

Yahoo group: V4Protocol
Date: 2014-01-17 12:32:34 UTC
From: <esunetdude@...>
Topic: 3858 Message: 3858

Long weekend coming up. I have 160 thru 6 capability. Anyone want to try a schedule on the lower bands?

Doug, N3JXB

3859. Startting tests in V4chat today 1730 UTC on 10144 kHz

Yahoo group: V4Protocol
Date: 2014-02-02 16:22:35 UTC
From: <df5jl@...>
Topic: 3859 Message: 3859

Center Frequency 1500 Hz higher - best 73 Tom DF5JL

3860. QRV 28073

Yahoo group: V4Protocol
Date: 2014-02-05 11:13:36 UTC
From: Yussuf
Topic: 3860 Message: 3860

Seems condx is good, I'm QRV 4FEC mode
--
73 OH7TE/5 Yussuf

3861. Re: [V4Protocol] K6DDW I heard you on H4 Chat

Yahoo group: V4Protocol
Date: 2014-02-07 17:35:46 UTC
From: Dean
Topic: 3772 Message: 3861

I have the 0.2.2.0 installed. What is meant by "Minimal ARQ functions enabled." ??
I tried a contact last evening, we both had loud clear signals, and it worked in FEC mode, but we could not make it work in ARQ mode.

73, Dean
CA1JDM

On 12/29/2013 2:17 AM, Ed wrote:
>
> K6DDW. Heard you call CQ on 10,123 KHz this Saturday afternoon with H4
> Chat. I responded but you never came back. It would have been my
> first 'Chat' QSO with either mode. I'll be trying to listen with H4
> periodically tomorrow, either on 10123 or 14173.
>
> Ed K7AAT
>
> *From:*V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
> *On Behalf Of *Ron Wenig
> *Sent:* Saturday, December 28, 2013 10:19 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] confusing Yahoo Group info
>
> Ed,
>
> H4Chat download is
>
> Chat Beta 0.2.2.0 Full install.zip
> <http://f1.grp.yahoofs.com/v2/cBS_Ut4DMV0TU5t-NHiRRuiwpa_RiQ_8kHZPqMLX25dlrO6FRcXQIS0j6oHRz8Ei-fm9NUCtNTu45vSoo_9PKYtiJWT4zCjHvyrDY2sY9O2-ouXd63F069PBtOlSDUg3sMpY_u5VLrJCM7vXwW0SvcI/Chat%20Beta%200.2.2.0%20Full%20install.zip>Chat
> FEC Beta full install version 0.2.2.0 Minimal ARQ functions enabled.
>
> V4Chat Download is *V4Chat 1.0.4.0 Full Install.zip*
> <http://f1.grp.yahoofs.com/v2/cBS_Um-Yy8gTU5t-l7sw8KBKEXGx33SgesvDst1OXEuGTEh6uWCifvlXxf3aPM2LN0ydJGizqY2gueyvMCt49Hmdq-lir98JnxWweWwaBpP2NfzrzMi0v8csYNyASlP9PTGnQyxsbRQMYcoA/V4Chat%201.0.4.0%20Full%20Install.zip>**V4Chat
> 1.0.4.0 Full install with V4TNC and help.
>
> H4Chat is in beta testing. You can help debugging it by using it and
> reporting any problems. V4Chat is stable with the ability to connect
> to other stations. Be sure to read the help section for very good
> instructions on their use. The frequencies would be dial frequencies.
>
> 73, Ron ny3j

>
> On 12/28/2013 01:08 PM, Ed wrote:
>
> I am a brand spanking new user for V4 Chat. I have the V4
> program running, possibly successfully, but have a couple questions.
>
> Are the frequencies of general usage listed as DIAL frequencies,
> or CENTER frequencies; e.g. should my radio be listening on
> 14073.0 USB Dial, or 14071.5 USB (14073 CENTER) ???
>
> Secondly, in attempting to use the FILES section of the website I
> am having a bit of difficulty determining what files are old, and
> what are current. I see file dates going back to 2010, and I see
> some files with no year at all, just a month and a day. Any
> help on this would be appreciated. As it appears the new H4
> protocol is in Alpha or Beta testing I'd like to try whatever is
> most recent.
>
> Thanks.
>
> Ed K7AAT
>
>

3862. Re: [V4Protocol] QRV 28073

Yahoo group: V4Protocol
Date: 2014-02-11 16:57:55 UTC
From: Dean
Topic: 3860 Message: 3862

A Ham friend in Paraguay and I have been using V4 Chat mode in ARQ very successfully. Now we would like it to have a Mailbox so we can leave a message if either of us is not in the shack, but it doesn't. Does anyone know of a CHAT program with a built in mailbox that uses a sound card mode like Winmor?

Thanks!
73, Dean
CA1JDM

On 2/5/2014 8:13 AM, Yussuf wrote:
>
> Seems condx is good, I'm QRV 4FEC mode
> --
> 73 OH7TE/5 Yussuf
>
>
>
>
>

3863. RE: [V4Protocol] QRV 28073

Yahoo group: V4Protocol
Date: 2014-02-11 17:12:31 UTC
From: Rick Muething
Topic: 3860 Message: 3863
Attachments: 2 described; binary payloads are missing from this source WARC

Dean,

Yes it is called WINLINK!

V4 and H4 chat are intended to send keyboard text or small text files. To send actual messages you need:

A way to address a message to a particular user.

A way to route the message to a user if he is not connecting to the same BBS

A way of encapsulating an attachment or a file.

A forwarding protocol to set up unique message numbering scheme and to exchange what messages to forward. E.g. like FBB

This is all considerably more work than even developing V4 or H4. And besides Winlink already has a mode (WINMOR 500) that is more robust and faster than V4 or H4 and all the above stuff is done, tested, and operational.

Programs created for chat or keyboard operation generally are optimized for different things.

You might however check and I think BPQ 32 can be setup to use V4 but I am not sure. You might check with John Wiseman on if that is available and how to do it. H4 does not yet have full ARQ so cannot be used by a message system that requires accuracy.

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Dean
Sent: Tuesday, February 11, 2014 11:58 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] QRV 28073

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Thanks!
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--
73 OH7TE/5 Yussuf

3864. Re: [V4Protocol] QRV 28073

Yahoo group: V4Protocol
Date: 2014-02-11 18:12:14 UTC
From: Dean
Topic: 3860 Message: 3864

*Rick,**
**
Thanks, but I'm not sure I made myself clear. We want a direct p2p mailbox in Winmor mode. With V4 Chat, we connect and if one is not present, I suppose I could still send a message and he could see it on the screen later, but that is not quite the same as a mailbox. And with Winlink, I'm not aware of a built-in mailbox that can be used directly between two stations. Am I missing something? So, yes, I agree Winmor is more robust and we would like a mailbox that simply works between two stations using Winmor. Winlink, as I understand, is a worldwide radio messaging system, but is not a direct mailbox - as in computer-to-computer - between only two hams. Correct me if I'm wrong.
**
I'll check with John about BPQ32, although I think that is a more complicated setup.
**
73, Dean
**CA1JDM*

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>
>
> Rick KN6KB
>
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> *On Behalf Of *Dean
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> *To:* V4Protocol@yahoogroups.com
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3865. RE: [V4Protocol] QRV 28073

Yahoo group: V4Protocol
Date: 2014-02-11 18:44:54 UTC
From: Rick Muething
Topic: 3860 Message: 3865
Attachments: 2 described; binary payloads are missing from this source WARC

Dean,

If you want a direct mail box in WINMOR mode simply use RMS Express peer to peer. It is designed for messages. It uses an existing and robust forwarding protocol B2F with WINMOR (500 or 1600) and it can run Peer to peer to drop off individual mail to the party/call sign connected to.

Read the instructions on RMS Express Help, Help Contents, Operation, Making a Peer-to-Peer connection. Please, there are hundreds of man-hours that go into writing and maintain the help file. Save yourself and others time by getting familiar with it!

73,

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Dean
Sent: Tuesday, February 11, 2014 1:12 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] QRV 28073

Rick,

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From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Dean
Sent: Tuesday, February 11, 2014 11:58 AM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] QRV 28073

A Ham friend in Paraguay and I have been using V4 Chat mode in ARQ very successfully. Now we would like it to have a Mailbox so we can leave a message if either of us is not in the shack, but it doesn't. Does anyone know of a CHAT program with a built in mailbox that uses a sound card mode like Winmor?

Thanks!
73, Dean
CA1JDM

On 2/5/2014 8:13 AM, Yussuf wrote:

Seems condx is good, I'm QRV 4FEC mode

--
73 OH7TE/5 Yussuf

3866. Re: [V4Protocol] QRV 28073

Yahoo group: V4Protocol
Date: 2014-02-11 18:53:15 UTC
From: Bastress, David G
Topic: 3860 Message: 3866

Dean,

The WINMOR P2P mode can do most of what you want. If you and your friend leave your rigs on a specified frequency with RMS Express running in the P2P mode, If station "A" has a 'peer to peer' message in his OUTBOX addressed for station "B" and tries to connect with station "B", the two stations will connect and send the message to station "B". Once station "B" has the message correctly, it will disconnect with station "A" and resume listening. The message will stay in station "B"'s INBOX until the operator does something with it.

Does that help?

Dave K3GAU

On Tue, Feb 11, 2014 at 1:12 PM, Dean <dean243@...> wrote:

>
>
> *Rick,*
>
> *Thanks, but I'm not sure I made myself clear. We want a direct p2p
> mailbox in Winmor mode. With V4 Chat, we connect and if one is not
> present, I suppose I could still send a message and he could see it on the
> screen later, but that is not quite the same as a mailbox. And with
> Winlink, I'm not aware of a built-in mailbox that can be used directly
> between two stations. Am I missing something? So, yes, I agree Winmor is
> more robust and we would like a mailbox that simply works between two
> stations using Winmor. Winlink, as I understand, is a worldwide radio
> messaging system, but is not a direct mailbox - as in computer-to-computer
> - between only two hams. Correct me if I'm wrong.*
>
> *I'll check with John about BPQ32, although I think that is a more
> complicated setup.*
>
> *73, Dean*
> *CA1JDM*
>
>
> On 2/11/2014 2:12 PM, Rick Muething wrote:
>
>
>
> Dean,
>
>

>
> Yes it is called WINLINK!
>
>
>
> V4 and H4 chat are intended to send keyboard text or small text files. To
> send actual messages you need:
>
> A way to address a message to a particular user.
>
> A way to route the message to a user if he is not
> connecting to the same BBS
>
> A way of encapsulating an attachment or a file.
>
> A forwarding protocol to set up unique message numbering
> scheme and to exchange what messages to forward. E.g. like FBB
>
>
>
> This is all considerably more work than even developing V4 or H4. And
> besides Winlink already has a mode (WINMOR 500) that is more robust and
> faster than V4 or H4 and all the above stuff is done, tested, and
> operational.
>
>
>
> Programs created for chat or keyboard operation generally are optimized
> for different things.
>
>
>
> You might however check and I think BPQ 32 can be setup to use V4 but I am
> not sure. You might check with John Wiseman on if that is available and
> how to do it. H4 does not yet have full ARQ so cannot be used by a message
> system that requires accuracy.
>
>
>
> 73,
>
>
> Rick KN6KB
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>
>

> *From:* V4Protocol@yahoogroups.com
[mailto:V4Protocol@yahoogroups.com<V4Protocol@yahoogroups.com>]
> *On Behalf Of *Dean
> *Sent:* Tuesday, February 11, 2014 11:58 AM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] QRV 28073
>
>
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> A Ham friend in Paraguay and I have been using V4 Chat mode in ARQ very
> successfully. Now we would like it to have a Mailbox so we can leave a
> message if either of us is not in the shack, but it doesn't. Does anyone
> know of a CHAT program with a built in mailbox that uses a sound card mode
> like Winmor?
>
> Thanks!
> 73, Dean
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> On 2/5/2014 8:13 AM, Yussuf wrote:
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>
> Seems condx is good, I'm QRV 4FEC mode
>
> --
> 73 OH7TE/5 Yussuf
>
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>

3867. Re: [V4Protocol] QRV 28073

Yahoo group: V4Protocol
Date: 2014-02-11 19:42:52 UTC
From: Dean
Topic: 3860 Message: 3867

Thanks, Yes. But can we also CHAT, keyboard to keyboard typing, like V4 Chat ARQ mode, in RMS Express?

73, Dean
CA1JDM

On 2/11/2014 3:53 PM, Bastress, David G wrote:
> Dean,
> The WINMOR P2P mode can do most of what you want. If you and your
> friend leave your rigs on a specified frequency with RMS Express
> running in the P2P mode, If station "A" has a 'peer to peer' message
> in his OUTBOX addressed for station "B" and tries to connect with
> station "B", the two stations will connect and send the message to
> station "B". Once station "B" has the message correctly, it will
> disconnect with station "A" and resume listening. The message will
> stay in station "B"'s INBOX until the operator does something with it.
> Does that help?
> Dave K3GAU
>
>
> On Tue, Feb 11, 2014 at 1:12 PM, Dean <dean243@...
> <mailto:dean243@...>> wrote:
>
> *Rick,**
> **
> **Thanks, but I'm not sure I made myself clear. We want a direct
> p2p mailbox in Winmor mode. With V4 Chat, we connect and if one
> is not present, I suppose I could still send a message and he
> could see it on the screen later, but that is not quite the same
> as a mailbox. And with Winlink, I'm not aware of a built-in
> mailbox that can be used directly between two stations. Am I
> missing something? So, yes, I agree Winmor is more robust and we
> would like a mailbox that simply works between two stations using
> Winmor. Winlink, as I understand, is a worldwide radio messaging
> system, but is not a direct mailbox - as in computer-to-computer -
> between only two hams. Correct me if I'm wrong.**
> **
> **I'll check with John about BPQ32, although I think that is a
> more complicated setup.**
> **
> **73, Dean**
> **CA1JDM*
>
>
> On 2/11/2014 2:12 PM, Rick Muething wrote:

>>
>> Dean,
>>
>> Yes it is called WINLINK!
>>
>> V4 and H4 chat are intended to send keyboard text or small text
>> files. To send actual messages you need:
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>> A way to address a message to a particular user.
>>
>> A way to route the message to a user if he is not connecting to
>> the same BBS
>>
>> A way of encapsulating an attachment or a file.
>>
>> A forwarding protocol to set up unique message numbering scheme
>> and to exchange what messages to forward. E.g. like FBB
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>> This is all considerably more work than even developing V4 or
>> H4. And besides Winlink already has a mode (WINMOR 500) that is
>> more robust and faster than V4 or H4 and all the above stuff is
>> done, tested, and operational.
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>> Programs created for chat or keyboard operation generally are
>> optimized for different things.
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>> You might however check and I think BPQ 32 can be setup to use V4
>> but I am not sure. You might check with John Wiseman on if that
>> is available and how to do it. H4 does not yet have full ARQ so
>> cannot be used by a message system that requires accuracy.
>>
>> 73,
>>
>>
>> Rick KN6KB
>>
>> *From:*V4Protocol@yahoogroups.com
>> <mailto:V4Protocol@yahoogroups.com>
>> [mailto:V4Protocol@yahoogroups.com] *On Behalf Of *Dean
>> *Sent:* Tuesday, February 11, 2014 11:58 AM
>> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>> *Subject:* Re: [V4Protocol] QRV 28073
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>> A Ham friend in Paraguay and I have been using V4 Chat mode in
>> ARQ very successfully. Now we would like it to have a Mailbox so
>> we can leave a message if either of us is not in the shack, but
>> it doesn't. Does anyone know of a CHAT program with a built in
>> mailbox that uses a sound card mode like Winmor?
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>> Thanks!

>> 73, Dean
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>> On 2/5/2014 8:13 AM, Yussuf wrote:
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>>
>> Seems condx is good, I'm QRV 4FEC mode
>>
>> --
>> 73 OH7TE/5 Yussuf
>>
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3868. Re: [V4Protocol] QRV 28073

Yahoo group: V4Protocol
Date: 2014-02-11 19:46:30 UTC
From: Bastress, David G
Topic: 3860 Message: 3868

Dean,

NO. That is one of the weaknesses of the WINMOR / CHAT combination. It takes two programs to do what you want to do. :-(

Dave K3GAU

On Tue, Feb 11, 2014 at 2:42 PM, Dean <dean243@...> wrote:

>
>
> Thanks, Yes. But can we also CHAT, keyboard to keyboard typing, like V4
> Chat ARQ mode, in RMS Express?
>
> 73, Dean
> CA1JDM
>
>
> On 2/11/2014 3:53 PM, Bastress, David G wrote:
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>
> Dean,
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> The WINMOR P2P mode can do most of what you want. If you and your friend
> leave your rigs on a specified frequency with RMS Express running in the
> P2P mode, If station "A" has a 'peer to peer' message in his OUTBOX
> addressed for station "B" and tries to connect with station "B", the two
> stations will connect and send the message to station "B". Once station
> "B" has the message correctly, it will disconnect with station "A" and
> resume listening. The message will stay in station "B"'s INBOX until the
> operator does something with it.
>
> Does that help?
>
> Dave K3GAU
>
>
> On Tue, Feb 11, 2014 at 1:12 PM, Dean <dean243@...> wrote:
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>>
>>
>> *Rick,*
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>> *Thanks, but I'm not sure I made myself clear. We want a direct p2p
>> mailbox in Winmor mode. With V4 Chat, we connect and if one is not
>> present, I suppose I could still send a message and he could see it on the

>> screen later, but that is not quite the same as a mailbox. And with
>> Winlink, I'm not aware of a built-in mailbox that can be used directly
>> between two stations. Am I missing something? So, yes, I agree Winmor is
>> more robust and we would like a mailbox that simply works between two
>> stations using Winmor. Winlink, as I understand, is a worldwide radio
>> messaging system, but is not a direct mailbox - as in computer-to-computer
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>> On 2/11/2014 2:12 PM, Rick Muething wrote:
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>> Dean,
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>> Yes it is called WINLINK!
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>> V4 and H4 chat are intended to send keyboard text or small text files.
>> To send actual messages you need:
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>> A way to address a message to a particular user.
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>> besides Winlink already has a mode (WINMOR 500) that is more robust and
>> faster than V4 or H4 and all the above stuff is done, tested, and
>> operational.
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>>
>> Programs created for chat or keyboard operation generally are optimized

>> for different things.
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>> You might however check and I think BPQ 32 can be setup to use V4 but I
>> am not sure. You might check with John Wiseman on if that is available and
>> how to do it. H4 does not yet have full ARQ so cannot be used by a message
>> system that requires accuracy.
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>> 73,
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>> Rick KN6KB
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>> *From:* V4Protocol@yahoogroups.com
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>> *On Behalf Of *Dean
>> *Sent:* Tuesday, February 11, 2014 11:58 AM
>> *To:* V4Protocol@yahoogroups.com
>> *Subject:* Re: [V4Protocol] QRV 28073
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>> A Ham friend in Paraguay and I have been using V4 Chat mode in ARQ very
>> successfully. Now we would like it to have a Mailbox so we can leave a
>> message if either of us is not in the shack, but it doesn't. Does anyone
>> know of a CHAT program with a built in mailbox that uses a sound card mode
>> like Winmor?
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>> On 2/5/2014 8:13 AM, Yussuf wrote:
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>> Seems condx is good, I'm QRV 4FEC mode
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>> --
>> 73 OH7TE/5 Yussuf
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3869. Re: [V4Protocol] QRV 28073

Yahoo group: V4Protocol
Date: 2014-02-11 20:16:22 UTC
From: Andre
Topic: 3860 Message: 3869

On 11-02-14 20:42, Dean wrote:
>
>
> Thanks, Yes. But can we also CHAT, keyboard to keyboard typing, like
> V4 Chat ARQ mode, in RMS Express?
>
> 73, Dean
> CA1JDM
>
>
If you want chat and mailbox functions in one program then you need
bpq32, it works in V4 WINMOR PACTOR PACKET etc.
Because it is designed to work as a node in a network it will have more
functions then you need for just P2P but you can always leave those
functions unused without any problem.
Offcourse flexabilety comes at the price of a slightly more complicated
setup proces.

73 Andre PE1RDW

3870. Re: [V4Protocol] QRV 28073

Yahoo group: V4Protocol
Date: 2014-02-11 20:25:31 UTC
From: Bastress, David G
Topic: 3860 Message: 3870

Dean,

Anything sent by RMS Express has to be in the form of an email. If you can compose short quick emails you can 'kind of ' chat. I have done that a time or two just to try it out but it is a bit cumbersome and usually a lot slower than a normal 'chat' mode would be. At least it was for me.

Dave K3GAU

On Tue, Feb 11, 2014 at 3:16 PM, Andre <pe1rdw@...> wrote:

>
>
> On 11-02-14 20:42, Dean wrote:
>
> Thanks, Yes. But can we also CHAT, keyboard to keyboard typing, like V4
> Chat ARQ mode, in RMS Express?
>
> 73, Dean
> CA1JDM
>
>
> If you want chat and mailbox functions in one program then you need
> bpq32, it works in V4 WINMOR PACTOR PACKET etc.
> Because it is designed to work as a node in a network it will have more
> functions then you need for just P2P but you can always leave those
> functions unused without any problem.
> Offcourse flexabilety comes at the price of a slightly more complicated
> setup proces.
>
> 73 Andre PE1RDW
>
>
>

3871. RE: [V4Protocol] QRV 28073

Yahoo group: V4Protocol
Date: 2014-02-11 20:29:45 UTC
From: Rick Muething
Topic: 3860 Message: 3871
Attachments: 2 described; binary payloads are missing from this source WARC

Dean,

RMS express is already a very complex and large program. Throwing in stuff like Chat modes, support for more protocols etc. is in my opinion trying to make it the does-everything Swiss army knife. How about Facebook and Twitter support?..that will be next!

The problem is when it does everything..

It is very difficult to maintain ..remember we are volunteers .there is no paycheck and we all deserve some occasional time off.

It is very difficult to learn..users already don't read the help.Chat mode will be just one other major function that needs to be explained and too often spoon-fed to those unwilling to read the help.

If people were willing to pay $100-200 per copy of RMS express there would be income to pay good programmers and engineers, have good support and better maintenance, but..Most hams still believe all software should be free and supported for free cradle to grave..not very realistic for today's complex software.

A wise programmer once commented..Most software dies of indigestion and not starvation. This Is very true! One has to be careful not to overfeed the golden goose!

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Andre
Sent: Tuesday, February 11, 2014 3:16 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] QRV 28073

On 11-02-14 20:42, Dean wrote:

Thanks, Yes. But can we also CHAT, keyboard to keyboard typing, like V4 Chat ARQ mode, in RMS Express?

73, Dean
CA1JDM

If you want chat and mailbox functions in one program then you need bpq32, it works in V4 WINMOR PACTOR PACKET etc.
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functions unused without any problem.
Offcourse flexabilety comes at the price of a slightly more complicated
setup proces.

73 Andre PE1RDW

3872. Re: [V4Protocol] QRV 28073

Yahoo group: V4Protocol
Date: 2014-02-11 20:36:49 UTC
From: Dean
Topic: 3860 Message: 3872

Right, yes, we've done that also, but we really would like the direct
chat ability too!

73, Dean
CA1JDM

On 2/11/2014 5:25 PM, Bastress, David G wrote:
> Dean,
> Anything sent by RMS Express has to be in the form of an email. If
> you can compose short quick emails you can 'kind of ' chat. I have
> done that a time or two just to try it out but it is a bit cumbersome
> and usually a lot slower than a normal 'chat' mode would be. At
> least it was for me.
> Dave K3GAU
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> On Tue, Feb 11, 2014 at 3:16 PM, Andre <pe1rdw@...
> <mailto:pe1rdw@...>> wrote:
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> On 11-02-14 20:42, Dean wrote:
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> those functions unused without any problem.
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> complicated setup proces.
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> 73 Andre PE1RDW
>
>
>

3873. Re: [V4Protocol] QRV 28073

Yahoo group: V4Protocol
Date: 2014-02-11 20:59:59 UTC
From: Dean
Topic: 3860 Message: 3873

Rick,

I agree with you! And I also have read *most* of the help files, but the help files are *huge* too! I'm not meaning to complain about RMS Express or V4 Chat, but rather simply trying to find a software, if it is available, that would do chat and serve as a mailbox too. Perhaps I am the only one that feels this need for software like this. Perhaps the internet has taken over most amateurs lives and they don't feel the need for using amateur radio as much as before. But I like to be prepared in case of an internet outage, and that possibility does exist. I got used to various modes during the nineties using my PK232MBX, DSP-2232, and other TNC's with mailboxes...I guess I'm spoiled and now I don't want to go back to using TNC's!!! I like my SignaLink USB! Rick, I for one, and I'm sure the amateur community thank you for all the excellent work that you do.

73, Dean
CA1JDM

On 2/11/2014 5:29 PM, Rick Muething wrote:
>
> Dean,
>
> RMS express is already a very complex and large program. Throwing in
> stuff like Chat modes, support for more protocols etc. is in my
> opinion trying to make it the does-everything Swiss army knife. How
> about Facebook and Twitter support?....that will be next!
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> The problem is when it does everything....
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> It is very difficult to maintain ....remember we are volunteers
> ...there is no paycheck and we all deserve some occasional time off.
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> help...Chat mode will be just one other major function that needs to
> be explained and too often spoon-fed to those unwilling to read the help.
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> If people were willing to pay $100-200 per copy of RMS express there
> would be income to pay good programmers and engineers, have good
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> software should be free and supported for free cradle to grave....not
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> A wise programmer once commented....Most software dies of indigestion
> and not starvation. This Is very true! One has to be careful not to
> overfeed the golden goose!

>
> Rick KN6KB
>
> *From:*V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
> *On Behalf Of *Andre
> *Sent:* Tuesday, February 11, 2014 3:16 PM
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] QRV 28073
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> On 11-02-14 20:42, Dean wrote:
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> Thanks, Yes. But can we also CHAT, keyboard to keyboard typing,
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> more functions then you need for just P2P but you can always leave
> those functions unused without any problem.
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> complicated setup proces.
>
> 73 Andre PE1RDW
>
>

3874. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-02-15 02:04:59 UTC
From: <la7um@...>
Topic: 3814 Message: 3874

Dave. Many norwegians have expressed a serious wish that the RMS Express could do K2K WINMOR, and Pactor, just as AirMail can do K2K Pactor. For the simplicity for the user without needing to install a bunch of other programs. This especially for boaters. And just live with it not being "slick" or ideally quick enough.
They can then move to V4 for more efficient QSOs.

This gets more and more important as Winlink prepare for Inet outages, so P2P or even K2K might be more important getting to someone who can reach a Hybrid Server.

73 Finn/LA7UM

---In V4Protocol@yahoogroups.com, <bastress@...> wrote:

GM Ed,
Well, I agree with you that MULTIPSK is a hand full. I've had it for a number of years but I don't use it all that much any more. It is kind of my 'goto' program if nothing else will decode a signal. I do use its CLOCK aux program to set my computer's clock to CHU time quite often.
As for HRI, Howard mostly designed the program for rig and shack control and threw in the Winmor TNC for conversing. For the most part the Winmor part works pretty well. I really haven't played much with the rest of the program as I don't have most of the equipment it was designed to control. Several of us suggested he pull the Winmor part out of HRI and make it a separate program but he didn't seem interested. May be I shouldn't say this, but I like it better than V4CHAT or now CHAT.
For some reason V4CHAT and CHAT have never 'felt' right to me. They are not 'intuitive' and you seem to have to 'force' things in the program. I think others may have gotten the same feeling as even though the mode in one form or the other has been around for several years, it has never caught on big time and development has been painfully slow.
I don't know if any ARQ mode is 'right' for the masses. Most operators don't seem to like the constant noise of switching back and forth between rx and tx and it puts a monkey on their backs to constantly have something to say or the program will time out the ARQ connection so over all an ARQ contact is not nearly as pleasurable as normal contacts. It's a bit more like runnng in a contest rather than having a 'chat'.
Anyway, that's take on things ARQ. FWIW.
DAVE K3GAU
On Jan 12, 2014 1:31 AM, "K7AAT.ED@... mailto:K7AAT.ED@..." <k7aat.ed@...
mailto:k7aat.ed@...> wrote:

You've goy to be kidding me?? ☐ I just took a look around at both programs....and could find next to no useful info on the HRI program, which doesn't appear to be something one can call CQ and keyboard with anyway ??
And as far as ALE goes, it seems hard to me to even make a comparison of that to the simple elegance and ease of use that Rick's Chat program has.

Just my first opinion. Maybe more research might change it.

Ed K7AAT

Sent from Ed's iPad

On Jan 11, 2014, at 9:14 PM, "Bastress, David G" <bastress@... mailto:bastress@...> wrote:

Ed,
There are at least two other sound card ARQ modes.
1. ALE 400 in MULTIPSK
2 . HRI WINMOR which uses one of Rick's other tncs the WINMOR tnc. You can do either FEC mode or ARQ mode with it.
I have played with both.
Dave K3GAU
On Jan 11, 2014 10:57 PM, "K7AAT.ED@... mailto:K7AAT.ED@..." <k7aat.ed@... mailto:k7aat.ed@...> wrote:

I agree, too many digital modes, and most of them are lacking. Even the most popular one, PSK31 sucks unless you have a perfect signal. I do not consider having to repeat every tidbit of information twice in order for the receiving station to copy it to be much of a digital communications mode. ARQ is the way to go and to the best of my knowledge there is no sound card based ARQ keyboard mode other than the one being developed by Rick. I eagerly look forward to it's completion and release

Ed. K7AAT

Sent from Ed's iPad

On Jan 11, 2014, at 2:59 PM, Bill Turner <dezrat1242@... mailto:dezrat1242@...> wrote:

ORIGINAL MESSAGE: (may be snipped)

On Sat, 11 Jan 2014 14:24:03 -0800, someone wrote:

>> This does not look like a very active groups nor do I find much
>activity on the v4 / h4 frequencies. Is anyone else finding the same thing?

REPLY:

I would like to suggest a reason for that, at least in part.

There are too many new digital modes. Everybody and his brother develops a new mode and then writes umpteen versions of it and people wonder why there is little activity.

Right now the big three are RTTY, PSK31 and JT65. None of them have "versions", at least none that are popular. If you say "RTTY" people know you mean 45.45 baud, 170 Hz shift. Only in pre-scheduled circumstances will you hear anything else. PSK31 and JT65 are even simpler. There are no "versions" at all, at least none I'm aware of.

A plea to developers: Write something that is really better, not just different. Otherwise the mess will just go on forever. Do your beta testing with your friends, not with the whole world. Only when you truly have a new program in the same class as the big three should you release it to everybody. Thank you.

Grumpy mode off.

73, Bill W6WRT

3875. 10.122

Yahoo group: V4Protocol
Date: 2014-02-27 23:29:51 UTC
From: <bozo1945@...>
Topic: 3875 Message: 3875

ON at this time 10.123 loaded w/cw...Calling cq now.

POB/K8LEN

3876. IC 7600+RMSExpr+AirMail+V4Chat

Yahoo group: V4Protocol
Date: 2014-03-05 02:33:04 UTC
From: <la7um@...>
Topic: 3876 Message: 3876

New problem for me. IC 706+Signalink+manual freq tune XP Pro = never a prob.
IC7600 and Win7Pro implies no joy changing between RMS Ex and V4Chat.

I was called upon for helping making the Oslo Ham group main station QRV in those modes RMS Ex, V4Chat and AirMail.

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Only cable from PTC to Rig ACC1 was the 8pin sound/ptt cable.
Freq controll via external USB (CIV com port), NOT trying internal frq controll form the PTC.

Installed AirMail as well still using PTC2Pro and the same real Serial Port, and Freq change via the same USB (CIV Com port).

All working excellent. Shutting down one program, and starting the other.
Offers me K2K as well in Pactor modes.

Wanted adding the V4Chat. Here the MESS started.

I found NO way making it work. No help in the obvious shutting down of RMSE and / or AirMail.

V4Chat made a Mess of the setup of RMSE.
Or the other way around.
I did not find any way finding a working port set up for RMS E OR V4, since both freq controll and cat CIV PTT is done to the same Rig.

I ended up uninstalling V4Chat for offering them a Well working "klient proof" system. (I checked the Icom Adress and speed 19200 as well, even if getting tired after 4 hours of work.) I HOPE I did some obvious errors, but don't know.

What NOT tested yet was a full REBOOT between any change between RMS E and V4CHAT. IF that helps, it will probably be too cumbersome for users.
Not needed switching between RMS E and AIrMail 3.4.062.

At home with Signalink and manual freq controll, I can run RMS E Winmor, V4Chat and FLDIGI all QRV for listening at the same time and will not leave such a setup for my private use.
Automatic FREQ change off course not working, but is no big deal compared to the huge advantage of simultanuous QRV.

But for the club clients, or for boaters, I wonder: Either K2K WINMOR option, even if not slick (and K2K Pactor option) is needed within the SAME PROGRAM using the SAME COMPORTS after finally found a setup working for a crucial program, by means of ELMERS.

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Anybody having a good guideline?
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Intention was not and is not running simultanuous with those new rigs, but one at a time without the need of rebooting PC in between.

LA7UM Finn/LA3F on behalf of Oslo hams at LA4O

3877. RE: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

Yahoo group: V4Protocol
Date: 2014-03-05 02:48:00 UTC
From: Rick Muething
Topic: 3876 Message: 3877
Attachments: 2 described; binary payloads are missing from this source WARC

Finn,

I just don't have any time to work on this now. The two programs are not incompatible…but you cannot run them from same directory or at the same time if they are accessing the same sound cards and/or COM ports. This is a Windows restriction and without it there would be sheer chaos!

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of la7um@...
Sent: Tuesday, March 04, 2014 9:33 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

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3878. Re: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

Yahoo group: V4Protocol
Date: 2014-03-05 03:21:33 UTC
From: wb0kgn@...
Topic: 3876 Message: 3878

I run DM780 and FLdigi with the same sound card at the same time with Windows seven....but not from the same directory...
Dave wb0kgn
----- Original Message -----
From: "Rick Muething" <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, March 4, 2014 8:48:00 PM
Subject: RE: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

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LA7UM Finn/LA3F on behalf of Oslo hams at LA4O

3879. RE: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

Yahoo group: V4Protocol
Date: 2014-03-05 11:28:57 UTC
From: Rick Muething
Topic: 3876 Message: 3879
Attachments: 2 described; binary payloads are missing from this source WARC

Dave,

Yes in some situations you can access the sound card for receive on two applications simultaneously….And WINMOR or V4 will allow this too. But if the programs transmit or manipulate certain sound card settings it will fail. COM ports cannot be access simultaneously unless they are special dual port receive only ports (sometimes used for example to stream GPS data to two virtual ports) but these have to be set up and installed as dual ports with a special driver.

It is hard enough to write reliable code with the limitations of the sound card not alone trying to simultaneously share it with another real time application.

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of wb0kgn@...
Sent: Tuesday, March 04, 2014 10:22 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

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From: "Rick Muething" <rmuething@...>
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Sent: Tuesday, March 4, 2014 8:48:00 PM
Subject: RE: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

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LA7UM Finn/LA3F on behalf of Oslo hams at LA4O

3880. RE: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

Yahoo group: V4Protocol
Date: 2014-03-05 17:47:00 UTC
From: <la7um@...>
Topic: 3876 Message: 3880

Rick. Understand the swamped issue. I tried installing V4 by default directories. Didn't check where RMSE was sitting, probably default. Intention only running one at a time. Next opportunity in some weeks may let me try other directories with the IC 7600 and WIN7.

My old private setup, when saying QRV, I meant just listening. V4 in Fec mode.
RMS E Winmor seeing waterfall, and in WL2K mode.
This perhaps being dangerous now when others may call me P2P even if I sitting in WL2K mode.
Also eventually just listening with FLDIGI and V4. All by same Signalink, manual tune so no comports involved.
Finn/LA7UM

---In V4Protocol@yahoogroups.com, <rmuething@...> wrote :

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3881. Re: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

Yahoo group: V4Protocol
Date: 2014-03-05 17:56:12 UTC
From: <la7um@...>
Topic: 3876 Message: 3881

Dave, you don't mention which soundcard. IC7600 for WINMOR and V4 may be quite different than just one SignaLink and no comports involved if going manual with no CAT freq control and (Vox) PTT for parallell Listening only.

Interesting with the different directories trick.
Rick mentions the same. Giving me hope for ONE at a time.
LA7UM/Finn

---In V4Protocol@yahoogroups.com, <wb0kgn@...> wrote :

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3882. Re: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

Yahoo group: V4Protocol
Date: 2014-03-05 21:08:35 UTC
From: wb0kgn@...
Topic: 3876 Message: 3882

I use an external "Creative Soundblaster 2 NX" I run DM780 and FLdigi at the same time. DM780 trips the ptt with a software command, and FLdigi trips the ptt with the TS480sat's digital vox. I also run digi on two meters. Accidentally had a bulletin going out over two meters and h.f. at the same time. No genius here.
Dave

----- Original Message -----
From: la7um@yahoo.com
To: V4Protocol@yahoogroups.com
Sent: Wednesday, March 5, 2014 11:56:12 AM
Subject: Re: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

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Rick mentions the same. Giving me hope for ONE at a time.
LA7UM/Finn

---In V4Protocol@yahoogroups.com, <wb0kgn@...> wrote :

I run DM780 and FLdigi with the same sound card at the same time with Windows seven....but not from the same directory...
Dave wb0kgn

From: "Rick Muething" <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, March 4, 2014 8:48:00 PM
Subject: RE: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

Finn,

I just don’t have any time to work on this now. The two programs are not incompatible…but you cannot run them from same directory or at the same time if they are accessing the same sound cards and/or COM ports. This is a Windows restriction and without it there would be sheer chaos!

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of la7um@...
Sent: Tuesday, March 04, 2014 9:33 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

New problem for me.

IC 706+Signalink+manual freq tune XP Pro = never a prob.

IC7600 and Win7Pro implies no joy changing between RMS Ex and V4Chat.

I was called upon for helping making the Oslo Ham group main station QRV in those modes RMS Ex, V4Chat and AirMail.

Internal USB, updated driver, filter set, freq set and PTT all done through the USB cable. WINMOR in RMS E working No prob.

Also Excellent with a added PTC2Pro and a real serial port for connection to the serial port on the PTC.

Only cable from PTC to Rig ACC1 was the 8pin sound/ptt cable.

Freq controll via external USB (CIV com port), NOT trying internal frq controll form the PTC.

Installed AirMail as well still using PTC2Pro and the same real Serial Port, and Freq change via the same USB (CIV Com port).

All working excellent. Shutting down one program, and starting the other.

Offers me K2K as well in Pactor modes.

Wanted adding the V4Chat. Here the MESS started.

I found NO way making it work. No help in the obvious shutting down of RMSE and / or AirMail.

V4Chat made a Mess of the setup of RMSE.

Or the other way around.

I did not find any way finding a working port set up for RMS E OR V4, since both freq controll and cat CIV PTT is done to the same Rig.

I ended up uninstalling V4Chat for offering them a Well working "klient proof" system. (I checked the Icom Adress and speed 19200 as well, even if getting tired after 4 hours of work.) I HOPE I did some obvious errors, but don't know.

What NOT tested yet was a full REBOOT between any change between RMS E and V4CHAT. IF that helps, it will probably be too cumbersome for users.

Not needed switching between RMS E and AIrMail 3.4.062.

At home with Signalink and manual freq controll, I can run RMS E Winmor, V4Chat and FLDIGI all QRV for listening at the same time and will not leave such a setup for my private use. Automatic FREQ change off course not working, but is no big deal compared to the huge advantage of simultanuous QRV.

But for the club clients, or for boaters, I wonder: Either K2K WINMOR option, even if not slick (and K2K Pactor option) is needed within the SAME PROGRAM using the SAME COMPORTS after finally found a setup working for a crucial program, by means of ELMERS.

What did I do wrong?

If I did it all correct, I wonder if introducing WINMOR CHAT, V4CHAT (or H4Chat or whatever future may introduce) as an integrated part of RMS E may be needed for avoiding the port conflicts using those new rigs for secure use by new eager, but unexperienced digimode clients enthusiasts.

I still get requests from fellow countrymen about some easy K2K ARQ soundcard (and Pactor) option WITHIN RMS E. Hence my V4 Try since knowing it works well with SignaLink.

I have also got an old experienced army Amtor and later Pactor specialist getting very enthusiastic about V4, and done many ARQ tests.

This is no issue for a RMS Trimode special Server station running IC7200, or any other dedicated modern soundcard radio TS590 or whatever.

Issue is for new CLIENT use? And always new ones......

Anybody having a good guideline?

I don't like that I failed finding a way out of this probably com port mess.

Intention was not and is not running simultanuous with those new rigs, but one at a time without the need of rebooting PC in between.

LA7UM Finn/LA3F on behalf of Oslo hams at LA4O

3883. Re: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

Yahoo group: V4Protocol
Date: 2014-03-13 00:48:24 UTC
From: <la7um@...>
Topic: 3876 Message: 3883

Dave. Hm.. Is it both programs using the External soundcard?, or one using the external and the other using the rig Internal USB soundcard?.

I tried using only the Internal for both programs, but one program at a time.

I just got a report that some test and log program that I was not aware of had been affected as well by the V4 experiments, so they are working on that now themselves.

Later on I guess RMS Express ONLY, but without V4, might be tried again with priority to co work with their test and log programs. Whatever that is. Same PC and Rig, but off course one in use at a time.

The rig and HW installation is so good that it is worth some work making this work for both participants and owners of that group.

Finn/LA7UM

---In V4Protocol@yahoogroups.com, <wb0kgn@...> wrote :

I use an external "Creative Soundblaster 2 NX" I run DM780 and FLdigi at the same time. DM780 trips the ptt with a software command, and FLdigi trips the ptt with the TS480sat's digital vox. I also run digi on two meters. Accidentally had a bulletin going out over two meters and h.f. at the same time. No genius here.
Dave

From: la7um@...
To: V4Protocol@yahoogroups.com
Sent: Wednesday, March 5, 2014 11:56:12 AM
Subject: Re: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

Dave, you don't mention which soundcard. IC7600 for WINMOR and V4 may be quite different than just one SignaLink and no comports involved if going manual with no CAT freq control and (Vox) PTT for parallell Listening only.

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LA7UM Finn/LA3F on behalf of Oslo hams at LA4O

3884. Beacon

Yahoo group: V4Protocol
Date: 2014-03-14 13:50:26 UTC
From: Bennie Hall
Topic: 3691 Message: 3884

Mode FEC on 14.073 @ 25 watts every 30 minutes (Friday 14) Will let it run for a couple of hours..

de Ben/WY4D

3885. Re: Beacon

Yahoo group: V4Protocol
Date: 2014-03-14 15:53:59 UTC
From: <beischel@...>
Topic: 3691 Message: 3885

I tried calling you a few times but nothing heard. Just installed the software last night after reading the QST article (very nice).

I cannot understand how to set-up the beacon. Can anybody guide me through that? On version 1.0.4.0

Best Regards.

Duffy
www.wb8nut.com

3886. Re: [V4Protocol] Beacon

Yahoo group: V4Protocol
Date: 2014-03-14 16:13:45 UTC
From: Angelo
Topic: 3691 Message: 3886

Hello Ben – WY4D

Thank you for your E-Mail message and also the QSO we had on 40 meters last night on 7.073.00 MHz H4FSK.

I was running an IC 756 Pro III / 9 Watts output to a 40M Inverted Vee and for the higher bands I run a 3 Element SteppIR yagi.
Just got on the computer and saw your message , will try to see if we can connect on 20 meters 14.073 MHz.

Still having trouble understanding the connect procedure from what I am reading under HELP.
Hope to connect on 20M !
73 Angelo – W8ERN
www.w8ern.com

From: Bennie Hall
Sent: Friday, March 14, 2014 9:50 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Beacon

Mode FEC on 14.073 @ 25 watts every 30 minutes (Friday 14) Will let it run for a couple of hours..

de Ben/WY4D

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4336 / Virus Database: 3722/7192 - Release Date: 03/13/14

3887. Re: [V4Protocol] Beacon

Yahoo group: V4Protocol
Date: 2014-03-14 16:30:09 UTC
From: Dean
Topic: 3691 Message: 3887

Ben how can I call CQ in FEC mode?

73, Dean
CA1JDM

On 3/14/2014 10:50 AM, Bennie Hall wrote:
> Mode FEC on 14.073 @ 25 watts every 30 minutes (Friday 14) Will let
> it run for a couple of hours..
>
> de Ben/WY4D
>

3888. Re: [V4Protocol] Re: Beacon

Yahoo group: V4Protocol
Date: 2014-03-14 16:37:18 UTC
From: Angelo
Topic: 3691 Message: 3888

Hello Duffy – WB8NUT

Sorry that I did not hear you calling me on 40M 7.073.00 Mhz – H4FSK mode last night.
I also got the software up and running last night.

Well I am the wrong person to ask questions about the H4FSK mode , am also having trouble understanding the
procedure in making contacts ...

Interesting program, however I am having mixed emotions about this mode.
Sorry Duffy that I am not able to give you any guidance .

Hope to run into you again on one of the modes for a QSO .
73 Angelo – W8ERN
www.w8ern.com

From: beischel@...
Sent: Friday, March 14, 2014 11:53 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Beacon

I tried calling you a few times but nothing heard. Just installed the software last night after reading the QST article (very nice).

I cannot understand how to set-up the beacon. Can anybody guide me through that? On version 1.0.4.0

Best Regards.

Duffy
www.wb8nut.com

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4336 / Virus Database: 3722/7196 - Release Date: 03/14/14

3889. SV: [V4Protocol] Re: Beacon

Yahoo group: V4Protocol
Date: 2014-03-14 16:41:09 UTC
From: Peter Martinsen
Topic: 3691 Message: 3889

Making contact:

As soon you see a callsign you just type and type ☐ The other station can see yr callsign and you can make yr QSO

73 de OZ1PMX Peter

Fra: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] På vegne af Angelo
Sendt: 14. marts 2014 17:37
Til: V4Protocol@yahoogroups.com
Emne: Re: [V4Protocol] Re: Beacon

Hello Duffy ☐ WB8NUT

Sorry that I did not hear you calling me on 40M 7.073.00 Mhz ☐ H4FSK mode last night.

I also got the software up and running last night.

Well I am the wrong person to ask questions about the H4FSK mode , am also having trouble understanding the

procedure in making contacts ...

Interesting program, however I am having mixed emotions about this mode.

Sorry Duffy that I am not able to give you any guidance .

Hope to run into you again on one of the modes for a QSO .

73 Angelo ☐ W8ERN

www.w8ern.com

From: beischel@...

Sent: Friday, March 14, 2014 11:53 AM

To: V4Protocol@yahoogroups.com

Subject: [V4Protocol] Re: Beacon

I tried calling you a few times but nothing heard. Just installed the software last night after reading the QST article (very nice).

I cannot understand how to set-up the beacon. Can anybody guide me through that? On version 1.0.4.0

Best Regards.

Duffy

www.wb8nut.com

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4336 / Virus Database: 3722/7196 - Release Date: 03/14/14

3890. Re: SV: [V4Protocol] Re: Beacon

Yahoo group: V4Protocol
Date: 2014-03-14 16:56:10 UTC
From: k3xr@juno.com
Topic: 3691 Message: 3890
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

3891. CHAT AND H4FSK APRIL 2014 QST

Yahoo group: V4Protocol
Date: 2014-03-14 17:24:30 UTC
From: <k3xr@...>
Topic: 3891 Message: 3891

See Apr QST page 64 nice article "Chat and the H4FSK Virtual TNC. DE K3XR

3892. Re: CHAT AND H4FSK APRIL 2014 QST

Yahoo group: V4Protocol
Date: 2014-03-15 11:11:41 UTC
From: <la7um@...>
Topic: 3891 Message: 3892

Very interesting QST article. Comparison with PSK31 and Olivia is great! Also the plans for multi platform/open source. Popularity booster :-) Finn/LA7UM

---In V4Protocol@yahoogroups.com, <k3xr@...> wrote :

See Apr QST page 64 nice article "Chat and the H4FSK Virtual TNC. DE K3XR

3893. Re: CHAT AND H4FSK APRIL 2014 QST

Yahoo group: V4Protocol
Date: 2014-03-15 12:54:26 UTC
From: Yussuf
Topic: 3891 Message: 3893

Also comparison with powerfull ALE 400 ARQ FAE of Multipsk?
--
73 OH7TE/5 Yussuf

3894. Re: [V4Protocol] Re: CHAT AND H4FSK APRIL 2014 QST

Yahoo group: V4Protocol
Date: 2014-03-15 14:27:08 UTC
From: Don Poaps
Topic: 3891 Message: 3894

V4Chatters

If I had access to QST Mag I'd look. It's been awhile (Couple of Months) since I played. I just may load up V4 at the shop and see what's happening on the band

Later

Don va7dgp

On Sat, Mar 15, 2014 at 5:54 AM, Yussuf <yufenau@...> wrote:

>
>
>
> Also comparison with powerfull ALE 400 ARQ FAE of Multipsk?
> --
> 73 OH7TE/5 Yussuf
>
>
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP

3895. Re: [V4Protocol] Re: CHAT AND H4FSK APRIL 2014 QST

Yahoo group: V4Protocol
Date: 2014-03-15 14:27:10 UTC
From: Don Poaps
Topic: 3891 Message: 3895

V4Chatters

If I had access to QST Mag I'd look. It's been awhile (Couple of Months) since I played. I just may load up V4 at the shop and see what's happening on the band

Later

Don va7dgp

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>
>
>
> Also comparison with powerfull ALE 400 ARQ FAE of Multipsk?
> --
> 73 OH7TE/5 Yussuf
>
>
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP

3896. RE: [V4Protocol] Re: CHAT AND H4FSK APRIL 2014 QST

Yahoo group: V4Protocol
Date: 2014-03-15 20:31:49 UTC
From: Gary - NC3Z
Topic: 3891 Message: 3896

Anyone have a list of the popular V4 freqs? Might be a useful file if someone could post in the files section for newbies to V4

Gary Mitchelson

NC3Z Davidsonville, MD FM18

http://www.mitchelson.org/

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of la7um@...
Sent: Saturday, March 15, 2014 07:12
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: CHAT AND H4FSK APRIL 2014 QST

Very interesting QST article. Comparison with PSK31 and Olivia is great! Also the plans for multi platform/open source. Popularity booster :-)

Finn/LA7UM

---In V4Protocol@yahoogroups.com, <k3xr@...> wrote :

See Apr QST page 64 nice article "Chat and the H4FSK Virtual TNC. DE K3XR

3897. Beacon

Yahoo group: V4Protocol
Date: 2014-03-16 21:06:48 UTC
From: Bennie Hall
Topic: 3691 Message: 3897

Running FEC Beacon on 14.073 for the next 2 hours..

de Ben/WY4D

3898. Re: [V4Protocol] Beacon

Yahoo group: V4Protocol
Date: 2014-03-16 23:00:55 UTC
From: Ron Wenig
Topic: 3691 Message: 3898

I saw lots of garbled characters on 14.073. Also I was able to at least
copy a CQARQ<WY7RM but nothing else.

73, Ron ny3j

On 03/16/2014 05:06 PM, Bennie Hall wrote:
> Running FEC Beacon on 14.073 for the next 2 hours..
>
> de Ben/WY4D
>

3899. Re: [V4Protocol] Beacon

Yahoo group: V4Protocol
Date: 2014-03-16 23:20:22 UTC
From: <roland_miller2000@...>
Topic: 3691 Message: 3899

Hi Ron,

That was me. I was not able to get a good copy on you. Lots of junk though.

Roland
WY7RM

3900. Re: [V4Protocol] Beacon

Yahoo group: V4Protocol
Date: 2014-03-16 23:26:47 UTC
From: Ron Wenig
Topic: 3691 Message: 3900

Hi Roland,

Well at least it's a step in the right direction...it was good to see
the activity.

73, Ron ny3j

On 03/16/2014 07:20 PM, roland_miller2000@... wrote:
>
> Hi Ron,
>
> That was me. I was not able to get a good copy on you. Lots of junk
> though.
>
> Roland
> WY7RM
>
>

3901. RE: [V4Protocol] Beacon

Yahoo group: V4Protocol
Date: 2014-03-16 23:44:36 UTC
From: Russ Guidry SR
Topic: 3691 Message: 3901

New to this but have not seen anything on 14073

73, K5OA Russ

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ron Wenig
Sent: Sunday, March 16, 2014 16:01
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Beacon

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73, Ron ny3j

On 03/16/2014 05:06 PM, Bennie Hall wrote:

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de Ben/WY4D

3902. RE: [V4Protocol] Beacon

Yahoo group: V4Protocol
Date: 2014-03-16 23:49:45 UTC
From: Russ Guidry SR
Topic: 3691 Message: 3902

Did see strong signal just now but did not decode anything, looking at my setup

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Russ Guidry SR
Sent: Sunday, March 16, 2014 16:45
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Beacon

New to this but have not seen anything on 14073

73, K5OA Russ

From: V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com> [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ron Wenig
Sent: Sunday, March 16, 2014 16:01
To: V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
Subject: Re: [V4Protocol] Beacon

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73, Ron ny3j

On 03/16/2014 05:06 PM, Bennie Hall wrote:

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de Ben/WY4D

3903. Re: [V4Protocol] Beacon

Yahoo group: V4Protocol
Date: 2014-03-16 23:50:58 UTC
From: Ron Wenig
Topic: 3691 Message: 3903

Russ,

Make sure you select FEC. ARQ isn't activated yet.

Ron ny3j

On 03/16/2014 07:49 PM, Russ Guidry SR wrote:
>
> Did see strong signal just now but did not decode anything, looking at
> my setup
>
> *From:*V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
> *On Behalf Of *Russ Guidry SR
> *Sent:* Sunday, March 16, 2014 16:45
> *To:* V4Protocol@yahoogroups.com
> *Subject:* RE: [V4Protocol] Beacon
>
> New to this but have not seen anything on 14073
>
> 73, K5OA Russ
>
> *From:*V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> [mailto:V4Protocol@yahoogroups.com] *On Behalf Of *Ron Wenig
> *Sent:* Sunday, March 16, 2014 16:01
> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
> *Subject:* Re: [V4Protocol] Beacon
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> I saw lots of garbled characters on 14.073. Also I was able to at
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> 73, Ron ny3j
>
> On 03/16/2014 05:06 PM, Bennie Hall wrote:
>
> Running FEC Beacon on 14.073 for the next 2 hours..
>
> de Ben/WY4D
>
>

3904. Re: [V4Protocol] Beacon

Yahoo group: V4Protocol
Date: 2014-03-17 00:04:28 UTC
From: Ron Wenig
Topic: 3691 Message: 3904

I'm sorry Russ,

I got confused. I thought you guys were using the new H4Chat mode. I see you and AL7KE trying to connect on V4Chat. Sorry for the mix up.

Ron ny3j

On 03/16/2014 07:50 PM, Ron Wenig wrote:
>
> Russ,
>
> Make sure you select FEC. ARQ isn't activated yet.
>
> Ron ny3j
>
> On 03/16/2014 07:49 PM, Russ Guidry SR wrote:
>>
>> Did see strong signal just now but did not decode anything, looking
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>> *To:* V4Protocol@yahoogroups.com
>> *Subject:* RE: [V4Protocol] Beacon
>>
>> New to this but have not seen anything on 14073
>>
>> 73, K5OA Russ
>>
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>> *Sent:* Sunday, March 16, 2014 16:01
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>> *Subject:* Re: [V4Protocol] Beacon
>>
>> I saw lots of garbled characters on 14.073. Also I was able to at
>> least copy a CQARQ<WY7RM but nothing else.
>>
>> 73, Ron ny3j
>>
>> On 03/16/2014 05:06 PM, Bennie Hall wrote:
>>
>> Running FEC Beacon on 14.073 for the next 2 hours..
>>
>> de Ben/WY4D

>>
>
>

3905. Re: [V4Protocol] Beacon

Yahoo group: V4Protocol
Date: 2014-03-17 00:09:17 UTC
From: Ron Wenig
Topic: 3691 Message: 3905

Oops, I goofed again. It's K5PA connected to AL7KE. Sorry for the
confusion Russ.

Ron ny3j

On 03/16/2014 08:04 PM, Ron Wenig wrote:
>
> I'm sorry Russ,
>
> I got confused. I thought you guys were using the new H4Chat mode. I
> see you and AL7KE trying to connect on V4Chat. Sorry for the mix up.
>
> Ron ny3j
>
> On 03/16/2014 07:50 PM, Ron Wenig wrote:
>>
>> Russ,
>>
>> Make sure you select FEC. ARQ isn't activated yet.
>>
>> Ron ny3j
>>
>> On 03/16/2014 07:49 PM, Russ Guidry SR wrote:
>>>
>>> Did see strong signal just now but did not decode anything, looking
>>> at my setup
>>>
>>> *From:*V4Protocol@yahoogroups.com
>>> [mailto:V4Protocol@yahoogroups.com] *On Behalf Of *Russ Guidry SR
>>> *Sent:* Sunday, March 16, 2014 16:45
>>> *To:* V4Protocol@yahoogroups.com
>>> *Subject:* RE: [V4Protocol] Beacon
>>>
>>> New to this but have not seen anything on 14073
>>>
>>> 73, K5OA Russ
>>>
>>> *From:*V4Protocol@yahoogroups.com
>>> <mailto:V4Protocol@yahoogroups.com>
>>> [mailto:V4Protocol@yahoogroups.com] *On Behalf Of *Ron Wenig
>>> *Sent:* Sunday, March 16, 2014 16:01
>>> *To:* V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
>>> *Subject:* Re: [V4Protocol] Beacon
>>>
>>> I saw lots of garbled characters on 14.073. Also I was able to at

>>> least copy a CQARQ<WY7RM but nothing else.
>>>
>>> 73, Ron ny3j
>>>
>>> On 03/16/2014 05:06 PM, Bennie Hall wrote:
>>>
>>> Running FEC Beacon on 14.073 for the next 2 hours..
>>>
>>> de Ben/WY4D
>>>
>>
>
>

3906. RE: [V4Protocol] Beacon

Yahoo group: V4Protocol
Date: 2014-03-17 00:19:22 UTC
From: Russ Guidry SR
Topic: 3691 Message: 3906

DECODED BOTH FINE HERE IN So. Cal

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ron Wenig
Sent: Sunday, March 16, 2014 17:09
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Beacon

Oops, I goofed again. It's K5PA connected to AL7KE. Sorry for the confusion Russ.

Ron ny3j

On 03/16/2014 08:04 PM, Ron Wenig wrote:

I'm sorry Russ,

I got confused. I thought you guys were using the new H4Chat mode. I see you and AL7KE trying to connect on V4Chat. Sorry for the mix up.

Ron ny3j

On 03/16/2014 07:50 PM, Ron Wenig wrote:

Russ,

Make sure you select FEC. ARQ isn't activated yet.

Ron ny3j

On 03/16/2014 07:49 PM, Russ Guidry SR wrote:

Did see strong signal just now but did not decode anything, looking at my setup

From: V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com> [mailto:V4Protocol@yahoogroups.com] On Behalf Of Russ Guidry SR
Sent: Sunday, March 16, 2014 16:45
To: V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>
Subject: RE: [V4Protocol] Beacon

New to this but have not seen anything on 14073

73, K5OA Russ

From: V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com> [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ron Wenig
Sent: Sunday, March 16, 2014 16:01
To: V4Protocol@yahoogroups.com <mailto:V4Protocol@yahoogroups.com>

Subject: Re: [V4Protocol] Beacon

I saw lots of garbled characters on 14.073. Also I was able to at least copy a CQARQ<WY7RM but nothing else.

73, Ron ny3j

On 03/16/2014 05:06 PM, Bennie Hall wrote:

Running FEC Beacon on 14.073 for the next 2 hours..

de Ben/WY4D

3907. Re: [V4Protocol] Beacon

Yahoo group: V4Protocol
Date: 2014-03-17 00:44:34 UTC
From: <rolandemiller@...>
Topic: 3691 Message: 3907

So I should have been using FEC?? I will try that next time.

Thanks,
Roland WY7RM

3908. Re: [V4Protocol] Beacon

Yahoo group: V4Protocol
Date: 2014-03-17 00:54:38 UTC
From: Ron Wenig
Topic: 3691 Message: 3908

Sorry Roland, there's a V4Chat program and a H4Chat program which is in
beta mode. I got the 2 mixed up. You should have been ok in ARQ mode.
I was able to connect with NR5G and had a short QSO until I lost him.

73, Ron ny3j

On 03/16/2014 08:44 PM, rolandemiller@... wrote:
>
> So I should have been using FEC?? I will try that next time.
>
> Thanks,
> Roland WY7RM
>
>

3909. Face Book

Yahoo group: V4Protocol
Date: 2014-03-17 17:35:17 UTC
From: Bennie Hall
Topic: 3909 Message: 3909

If there is enough interest I will attempt to set up a Facebook page for the H4FSK modes

de Ben/WY4D

3910. Re: Face Book

Yahoo group: V4Protocol
Date: 2014-03-17 18:11:35 UTC
From: <rolandemiller@...>
Topic: 3909 Message: 3910

Count me in. I do Facebook.

Thanks,
Roland
WY7RM

3911. Re: [V4Protocol] Re: Face Book

Yahoo group: V4Protocol
Date: 2014-03-17 18:14:53 UTC
From: Joe
Topic: 3909 Message: 3911

Don't do FB...

Joe
WDØM

On 3/17/2014 12:11 PM, rolandemiller@... wrote:
>
> Count me in. I do Facebook.
>
> Thanks,
> Roland
> WY7RM
>
>

3912. RE: [V4Protocol] Re: Face Book

Yahoo group: V4Protocol
Date: 2014-03-17 18:16:59 UTC
From: Russ Guidry SR
Topic: 3909 Message: 3912

Don’t do FB either. K5oa

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Joe
Sent: Monday, March 17, 2014 11:15
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Face Book

Don't do FB...

Joe
WDØM

On 3/17/2014 12:11 PM, rolandemiller@... <mailto:rolandemiller@...> wrote:

Count me in. I do Facebook.

Thanks,
Roland
WY7RM

3913. Re: [V4Protocol] Re: Face Book

Yahoo group: V4Protocol
Date: 2014-03-17 18:19:48 UTC
From: Dean
Topic: 3909 Message: 3913

I don't do FB either.

73, Dean
CA1JDM

On 3/17/2014 3:16 PM, Russ Guidry SR wrote:
>
> Don’t do FB either. K5oa
>
> *From:*V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
> *On Behalf Of *Joe
> *Sent:* Monday, March 17, 2014 11:15
> *To:* V4Protocol@yahoogroups.com
> *Subject:* Re: [V4Protocol] Re: Face Book
>
> Don't do FB...
>
> Joe
> WDØM
>
> On 3/17/2014 12:11 PM, rolandemiller@...
> <mailto:rolandemiller@...> wrote:
>
> Count me in. I do Facebook.
>
> Thanks,
> Roland
> WY7RM
>
>

3914. Re: [V4Protocol] Re: Face Book

Yahoo group: V4Protocol
Date: 2014-03-17 18:27:01 UTC
From: K7AAT.ED@gmail.com
Topic: 3909 Message: 3914

I agree....I don't do Facebook either. This would be too limiting.

Ed. K7AAT

Sent from Ed's iPad

> On Mar 17, 2014, at 11:14 AM, Joe <wd0m@wd0m.com> wrote:
>
> Don't do FB...
>
> Joe
> WDØM
>
>
>> On 3/17/2014 12:11 PM, rolandemiller@... wrote:
>>
>> Count me in. I do Facebook.
>>
>> Thanks,
>> Roland
>> WY7RM
>>
>
>

3915. AW: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-17 19:16:13 UTC
From: siegfried jackstien
Topic: 3909 Message: 3915

I avoid facebook (personal thoughts!!)

Dg9bfc

Sigi

> -----Ursprüngliche Nachricht-----
> Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> Auftrag von Bennie Hall
> Gesendet: Montag, 17. März 2014 17:35
> An: V4Protocol@yahoogroups.com
> Betreff: [V4Protocol] Face Book
>
>
>
> If there is enough interest I will attempt to set up a Facebook page for
> the H4FSK modes
>
> de Ben/WY4D
>
>
>
>

3916. Facebook page...nix

Yahoo group: V4Protocol
Date: 2014-03-17 19:25:39 UTC
From: John Ragle
Topic: 3916 Message: 3916

My opinion of FaceBook is not printable -- even the electrons in this email would blush. Please do not do V4Protocol/H4FSK the disservice!

John Ragle, W1ZI

3917. RE: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-17 19:29:41 UTC
From: Gary - NC3Z
Topic: 3909 Message: 3917

I don't do FB, but maybe we can setup an e-mail group to share info ;)

Gary Mitchelson

NC3Z Davidsonville, MD FM18

http://www.mitchelson.org/

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Bennie Hall
Sent: Monday, March 17, 2014 13:35
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Face Book

If there is enough interest I will attempt to set up a Facebook page for the H4FSK modes

de Ben/WY4D

3918. Re: AW: [V4Protocol] Face Book --another suggestion

Yahoo group: V4Protocol
Date: 2014-03-17 19:43:43 UTC
From: John Ragle
Topic: 3909 Message: 3918

Someone suggested something along the lines of a "list-server" which
would keep us out of the puerile nonsense that one finds on FB. I could
go for that idea!

John Ragle -- W1ZI

==========

On 3/17/2014 3:16 PM, siegfried jackstien wrote:
>
> I avoid facebook (personal thoughts!!)
>
> Dg9bfc
>
> Sigi
>
> > -----Urspr?ngliche Nachricht-----
> > Von: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] Im
> > Auftrag von Bennie Hall
> > Gesendet: Montag, 17. M?rz 2014 17:35
> > An: V4Protocol@yahoogroups.com
> > Betreff: [V4Protocol] Face Book
> >
> >
> >
> > If there is enough interest I will attempt to set up a Facebook page for
> > the H4FSK modes
> >
> > de Ben/WY4D
> >
> >
> >
> >
>
>

--
Shun partisan grandstanding!

3919. Re: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-17 20:00:52 UTC
From: W6IDS
Topic: 3909 Message: 3919

Uh. . . .isn’t that what happens here, or am I missing
the point in something <GRIN>?

OH. . . and nope, I don’t do any of those public
group encounter thingies either.

Howard W6IDS

From: Gary - NC3Z
Sent: Monday, March 17, 2014 3:29 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Face Book
I don’t do FB, but maybe we can setup an e-mail group to share info ;)
Gary Mitchelson

NC3Z Davidsonville, MD FM18

http://www.mitchelson.org/

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Bennie
Hall
Sent: Monday, March 17, 2014 13:35
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Face Book

If there is enough interest I will attempt to set up a Facebook page for the H4FSK modes

de Ben/WY4D

3920. RE: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-17 20:08:25 UTC
From: Walt
Topic: 3909 Message: 3920

I dont do facebook except when under stress

Walt AL7KE

To: V4Protocol@yahoogroups.com
From: benniehall636@...
Date: Mon, 17 Mar 2014 10:35:17 -0700
Subject: [V4Protocol] Face Book

If there is enough interest I will attempt to set up a Facebook page for the H4FSK modes

de Ben/WY4D

3921. RE: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-17 20:17:16 UTC
From: Dr Fred Hambrecht
Topic: 3909 Message: 3921

Negatives are not required or desired.

Fred W4JLE

Moderator

To: V4Protocol@yahoogroups.com
From: benniehall636@...
Date: Mon, 17 Mar 2014 10:35:17 -0700
Subject: [V4Protocol] Face Book

If there is enough interest I will attempt to set up a Facebook page for the H4FSK modes

de Ben/WY4D

3922. Re: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-17 20:33:50 UTC
From: K7AAT.ED@gmail.com
Topic: 3909 Message: 3922

Yes, as a previous poster just stated, what is wrong with what we already have here?....

Ed K7AAT

3923. Re: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-17 22:34:49 UTC
From: Angelo
Topic: 3909 Message: 3923

Hi Ben – WY4D

Sorry that I do not participate in any of the social networks..
73 Angelo - W8ERN

From: Bennie Hall
Sent: Monday, March 17, 2014 1:35 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Face Book

If there is enough interest I will attempt to set up a Facebook page for the H4FSK modes

de Ben/WY4D

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4336 / Virus Database: 3722/7205 - Release Date: 03/17/14

3924. Re: Face Book

Yahoo group: V4Protocol
Date: 2014-03-17 22:48:07 UTC
From: Stan Zawrotny
Topic: 3909 Message: 3924

I do FB, but would rather find all the information in one place - here. I don't check FB often, but get email throughout the day..

_____
Stan Zawrotny, K4SBZ
(850) 893-5003 (h) (850) 590-6617 (m)
K4SBZ.Stan@...

Real radio bounces off the sky.

3925. Re: [V4Protocol] Facebook page...nix

Yahoo group: V4Protocol
Date: 2014-03-17 23:25:42 UTC
From: Andrew O'Brien
Topic: 3916 Message: 3925

Facebook is far more efficient than Yahoogroups these days, and more
privacy control than Yahoo.
Andy K3UK

On Mon, Mar 17, 2014 at 3:25 PM, John Ragle <tpcj1r03@...> wrote:

>
>
> My opinion of FaceBook is not printable -- even the electrons in this
> email would blush. Please do not do V4Protocol/H4FSK the disservice!
>
> John Ragle, W1ZI
>
>

3926. Re: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-17 23:28:17 UTC
From: Timothy Mc Bain
Topic: 3909 Message: 3926

Hate FB.

Keep all information central and accessible for all. I.e. on this list.

Thanks for the thought, but no.

Tim
VK3MIT

Sent from my iPhone which thinks it knows what I meant to say better than I do..... Forgive the mistakes - blame Apple.

On 18/03/2014, at 4:35, Bennie Hall <benniehall636@yahoo.com> wrote:

> If there is enough interest I will attempt to set up a Facebook page for the H4FSK modes
>
> de Ben/WY4D
>
>

3927. RE: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-18 00:05:02 UTC
From: Kirk
Topic: 3909 Message: 3927
Attachments: 2 described; binary payloads are missing from this source WARC

I not a supporter of the social media methodologies. Quite honestly, I think this forum works well. So please, no to face book!

Kirk, K6KAR

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Timothy Mc Bain
Sent: Monday, March 17, 2014 6:28 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Face Book

Hate FB.

Keep all information central and accessible for all. I.e. on this list.

Thanks for the thought, but no.

Tim

VK3MIT

Sent from my iPhone which thinks it knows what I meant to say better than I do..... Forgive the mistakes - blame Apple.

On 18/03/2014, at 4:35, Bennie Hall <benniehall636@yahoo.com <mailto:benniehall636@...> > wrote:

If there is enough interest I will attempt to set up a Facebook page for the H4FSK modes

de Ben/WY4D

3928. RE: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-18 01:44:34 UTC
From: <fqo63ta@...>
Topic: 3909 Message: 3928

I stay as far away from facebook as I can.
Tad WA1FQO

3929. Re: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-18 03:12:41 UTC
From: Facility 406 DM09
Topic: 3909 Message: 3929

"I dont do facebook except when under stress"

That's the best way, hit him in the face with a book.

Kurt

3930. Re: Face Book

Yahoo group: V4Protocol
Date: 2014-03-18 04:18:54 UTC
From: <la7um@...>
Topic: 3909 Message: 3930

Negative. Don't get into that FB. Finn/LA7UM

---In V4Protocol@yahoogroups.com, <benniehall636@...> wrote :

If there is enough interest I will attempt to set up a Facebook page for the H4FSK modes

de Ben/WY4D

3931. Re: [V4Protocol] Facebook page...nix

Yahoo group: V4Protocol
Date: 2014-03-18 13:39:24 UTC
From: <esunetdude@...>
Topic: 3916 Message: 3931

I would have to disagree on thinking Facebook is more efficient. Everyone uses email and has access to a browser. People wouldn't be reading any of this if they didn't have those things. Facebook is just a gimmicky thing to sell airtime to mobile phone users. So please keep the information posted here, IMO.

73
Doug, N3JXB

3932. RE: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-18 14:25:32 UTC
From: Rick Muething
Topic: 3909 Message: 3932

As the initiator of this group and the author of V4 and H4 and Chat my vote is NOT to go on facebook. This group serves the purpose well. What I need is more time to work on the actual protocols and code …not trying to learn and manage facebook! The Yahoo groups have served this and Winlink efforts well and I see no reason to jump ship.

Rick Muething, KN6KB

3933. Re: [V4Protocol] Re: Face Book

Yahoo group: V4Protocol
Date: 2014-03-18 14:40:37 UTC
From: Steinar Rønningen Øjerud
Topic: 3909 Message: 3933

Maybe set up a poll, instead of everyone on this mailing list give their opinion?

I know a poll wasn't your intent, but it seems like no one is respecting that anyway, so a poll might be less annoying for all users?

73 de LA5WTA, Steinar.
18. mars 2014 05:18 skrev <la7um@...> følgende:

>
>
> Negative. Don't get into that FB. Finn/LA7UM
>
>
> ---In V4Protocol@yahoogroups.com, <benniehall636@...> wrote :
>
> If there is enough interest I will attempt to set up a Facebook page for
> the H4FSK modes
>
> de Ben/WY4D
>
>
>

3934. Re: Face Book

Yahoo group: V4Protocol
Date: 2014-03-18 14:41:51 UTC
From: Andrew O'Brien
Topic: 3909 Message: 3934

https://www.facebook.com/groups/220579651472932/

Andy K3UK

3935. Re: [V4Protocol] Re: Face Book

Yahoo group: V4Protocol
Date: 2014-03-18 15:35:15 UTC
From: Ian Wade, G3NRW
Topic: 3909 Message: 3935

------- Original Message -------
From: Andrew O'Brien <k3ukandy@...>
Date: Tue, 18 Mar 2014 10:41:51

>https://www.facebook.com/groups/220579651472932/
>

No good Andy! It asks me to sign in, but I don't (and will never) have a
Facebook account.

Good try :-)

--
73
Ian, G3NRW

3936. RE: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-18 16:12:51 UTC
From: Bill N4iQ
Topic: 3909 Message: 3936

I agree with Rich emphatically. N4iQ

Sent from Bill Chartier's iPhone 5

3937. Re: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-18 16:20:47 UTC
From: Bernard Huth
Topic: 3909 Message: 3937
Attachments: 1 described; binary payloads are missing from this source WARC

Facebook is for pimply-faced teenagers!

On 3/18/14, 12:12 PM, Bill N4iQ wrote:
>
> I agree with Rich emphatically. N4iQ
>
> Sent from Bill Chartier's iPhone 5
>
>

3938. Re: [V4Protocol] Re: Face Book

Yahoo group: V4Protocol
Date: 2014-03-18 17:13:37 UTC
From: r_lwesterfield@bellsouth.net
Topic: 3909 Message: 3938

No Bookface account for me either. LOL - My Witness Protection Program handlers would go nuts if I did that. Hi Hi!

Rick KH2DF

Sent from Yahoo Mail on Android

3939. Re: [V4Protocol] Face Book [1 Attachment]

Yahoo group: V4Protocol
Date: 2014-03-18 17:54:15 UTC
From: Bastress, David G
Topic: 3909 Message: 3939
Attachments: 1 described; binary payloads are missing from this source WARC

GA Bernard,

That use to be true about Facebook but the latest statistics show that teenagers are moving away from Facebook to other social media sites because they claim there are too many baby boomers using Facebook!

In any case, my vote is not to use Facebook for V4 or CHAT. Don't have a Facebook account and don't want one.

Dave K3GAU

On Tue, Mar 18, 2014 at 12:20 PM, Bernard Huth <bhuth@...> wrote:

> Facebook is for pimply-faced teenagers!
>
> On 3/18/14, 12:12 PM, Bill N4iQ wrote:
>
>
>
> I agree with Rich emphatically. N4iQ
>
> Sent from Bill Chartier's iPhone 5
>
>
>

3940. Re: [V4Protocol] Face Book [1 Attachment]

Yahoo group: V4Protocol
Date: 2014-03-18 20:20:21 UTC
From: W6IDS
Topic: 3909 Message: 3940
Attachments: 1 described; binary payloads are missing from this source WARC

I know the moderator did not want an avalanche of repetitive nay-sayers regarding FB but I must say this is really refreshing. For the longest time, I had always felt that I was “odd man out” in my disdain for the public venue – running contrary to what seemed to be accepted social convention.

It’s certainly off-topic but quite a relief to be honest. Certainly an eye-opener. Apologies to Rick and the Doctor. I won’t continue the thread myself.

Howard W6IDS

From: Bernard Huth
Sent: Tuesday, March 18, 2014 12:20 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Face Book [1 Attachment]

Facebook is for pimply-faced teenagers!

On 3/18/14, 12:12 PM, Bill N4iQ wrote:

I agree with Rich emphatically. N4iQ

Sent from Bill Chartier's iPhone 5

3941. H4FSK...

Yahoo group: V4Protocol
Date: 2014-03-18 20:54:03 UTC
From: John Ragle
Topic: 3941 Message: 3941

CHAT and the virtual TNC seem to work fine on my Elecraft K3, except that the click-tune feature does not work for me.

I have been using W1HKJ's "FLRIG" with the H4FSK, to give me on-screen tuning and control instead of mechanical knob-twisting from the K3. FLRIG complains that it cannot find the COMM port, but works anyway. I am running through a SignaLink box.

WRT "robustness" my take is that at 200 Hz width, H4FSK is /much/ more vulnerable to adjacent channel interference than, e.g. BPSK31 with its narrow "window." The conventional PSK windows (nn.070-nn.073 MHz) are nowadays very full, and finding a 200 Hz open channel is very unlikely. WRT "robustness" in the weak/noisy channel sense, there does not seem to be enough activity to test this aspect, as all the signals I have copied have been much stronger than the noise background.

WRT the nn.073 MHz "watering holes" mentioned by Steve Ford in QST, there is all sorts of other non-psk activity centered here which stomps on the H4FSK input side.

I have had several QSOs using this program suite; many thanks to those with whom I've had contacts. Signal strength reporting is the same problem as with PSK. Single-button "macros" (as in FLDIGI) are lacking and sorely needed.

I would like to hear from others about their experiences with CHAT/H4FSK.

(Dr.) John Ragle -- W1ZI
tpcj1r03@...

3942. Re: H4FSK...

Yahoo group: V4Protocol
Date: 2014-03-19 01:48:08 UTC
From: <la7um@...>
Topic: 3941 Message: 3942

John. Just wait for the ARQ module to get active. Then there's a whole new world. (Like in former development of V4Chat) Finn/LA7UM

---In V4Protocol@yahoogroups.com, <tpcj1r03@...> wrote :

CHAT and the virtual TNC seem to work fine on my Elecraft K3, except that the click-tune feature does not work for me.

I have been using W1HKJ's "FLRIG" with the H4FSK, to give me on-screen tuning and control instead of mechanical knob-twisting from the K3. FLRIG complains that it cannot find the COMM port, but works anyway. I am running through a SignaLink box.

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WRT the nn.073 MHz "watering holes" mentioned by Steve Ford in QST, there is all sorts of other non-psk activity centered here which stomps on the H4FSK input side.

I have had several QSOs using this program suite; many thanks to those with whom I've had contacts. Signal strength reporting is the same problem as with PSK. Single-button "macros" (as in FLDIGI) are lacking and sorely needed.

I would like to hear from others about their experiences with CHAT/H4FSK.

(Dr.) John Ragle -- W1ZI
tpcj1r03@... mailto:tpcj1r03@...

3943. Re: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-19 00:38:34 UTC
From: Facility 406 DM09
Topic: 3909 Message: 3943

"I know the moderator did not want an avalanche of
repetitive nay-sayers regarding FB"

Then what, 99% positive and ONE per cent negative...? Unless you hear
everything, including 10,000 negatives you'll have no idea what anyone wants
or thinks.

That's the way to run a survey, "tell me everything except NO".

Kurt

3944. What QRGs for V4?

Yahoo group: V4Protocol
Date: 2014-03-19 11:33:16 UTC
From: <martinpacker44@...>
Topic: 3944 Message: 3944

I have copied some V4 on 14.073 but what other frequencies on other bands are used?

73 de Martin, G4FFC

3945. Re: [V4Protocol] What QRGs for V4?

Yahoo group: V4Protocol
Date: 2014-03-19 13:09:01 UTC
From: k3xr@juno.com
Topic: 3944 Message: 3945
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

3946. Re: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-19 13:28:55 UTC
From: W6IDS
Topic: 3909 Message: 3946

Hi Kurt,

My point was that I had always thought that I was in the minority BIG TIME in not being involved with Face Book, Twittering 'n Tweeting, etc. I wasn't speaking to the method of obtaining a survey but that I was having an epiphany.

I'm saying I now know I'm not "odd-man-out" even if employers and others say such persons are "irrelevant" today.

Howard

-----Original Message-----
From: Facility 406 DM09
Sent: Tuesday, March 18, 2014 8:38 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Face Book

"I know the moderator did not want an avalanche of repetitive nay-sayers regarding FB"

Then what, 99% positive and ONE per cent negative...? Unless you hear everything, including 10,000 negatives you'll have no idea what anyone wants or thinks.

That's the way to run a survey, "tell me everything except NO".

Kurt

3947. Re: [V4Protocol] What QRGs for V4?

Yahoo group: V4Protocol
Date: 2014-03-19 15:55:43 UTC
From: Dean
Topic: 3944 Message: 3947

14.073 and 28.230

73, Dean
CA1JDM

On 3/19/2014 8:33 AM, martinpacker44@... wrote:
>
> I have copied some V4 on 14.073 but what other frequencies on other
> bands are used?
>
>
> 73 de Martin, G4FFC
>

3948. RE: [V4Protocol] Face Book

Yahoo group: V4Protocol
Date: 2014-03-19 21:53:11 UTC
From: John Pugh
Topic: 3909 Message: 3948

Hi all

I thought that it was communucation via radio and not by some device that will end in tears.

John
-----Original Message-----
From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]On Behalf Of W6IDS
Sent: 19 March 2014 13:29
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Face Book

Hi Kurt,

My point was that I had always thought that I was in the
minority BIG TIME in not being involved with Face Book,
Twittering 'n Tweeting, etc. I wasn't speaking to the
method of obtaining a survey but that I was having an
epiphany.

I'm saying I now know I'm not "odd-man-out" even if
employers and others say such persons are "irrelevant"
today.

Howard

-----Original Message-----
From: Facility 406 DM09
Sent: Tuesday, March 18, 2014 8:38 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Face Book

"I know the moderator did not want an avalanche of
repetitive nay-sayers regarding FB"

Then what, 99% positive and ONE per cent negative...? Unless you hear
everything, including 10,000 negatives you'll have no idea what anyone wants
or thinks.

That's the way to run a survey, "tell me everything except NO".

Kurt

3949. Re: new top the group - questions

Yahoo group: V4Protocol
Date: 2014-03-24 02:26:37 UTC
From: <bradm75@...>
Topic: 3847 Message: 3949

This is a fairly good set of questions and I'm surprised there were no answers.

It would be helpful if the "standard" frequency for each band were listed in the Group Description. This is helpful to new users of the mode and hopefully will lead to fewer folks asking the same question over and over.

The other really good question Jim asked pertained to expected power output. Since this is a rather robust mode, I suspect that QRP is desired, but like any mode, you should only use what you need to in order to get your message through. So if you need to be using 100 watts, you need to. If you can get by with 50mW, then by all means only use 50mW. Since it seems to be a rather high duty cycle mode, I would expect that the lower power you can use, the better...regardless of courtesy to your fellow amateurs.

73,
Brad KA3YAN

3950. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-03-25 01:07:37 UTC
From: <d.sowers2@...>
Topic: 3814 Message: 3950

Thanks for tonight's 20m V4 contact Jean. My first DX contact in the mode. 50w to attic mounted dipole.

73,
Dave K4SUE
Charleston, SC

3951. Re: [V4Protocol] Scheduled Activity

Yahoo group: V4Protocol
Date: 2014-03-25 23:23:15 UTC
From: <f5fj@...>
Topic: 3814 Message: 3951

hi Dave
i also appreciate the qso and would be glad to qsl if you need a card
(look to me on qrz.com) ... i will be listening during the next days on 10123 / 10131
and on 14073 ... maybe we could try HRI (n3zh) + Winmor ?
best 73 jean / F5FJ+

3952. Re: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

Yahoo group: V4Protocol
Date: 2014-03-26 02:35:05 UTC
From: wb0kgn@...
Topic: 3876 Message: 3952

I have been out of town...so the slow reply.
I forgot to mention that the order of loading makes a difference. I have to load Ham Radio Deluxe first, and then FLdigi. I can run both on the same soundcard, but use a different sound card for two meters.

FLmsg sends ist text to whatever FLdigi programs are running, so if you are running one on two meters and another on h.f., you will bring up both instances. Not often that this would be desirable.

Dave wb0kgn
----- Original Message -----
From: la7um@...
To: V4Protocol@yahoogroups.com
Sent: Wednesday, March 12, 2014 7:48:24 PM
Subject: Re: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

Dave. Hm.. Is it both programs using the External soundcard?, or one using the external and the other using the rig Internal USB soundcard?.

I tried using only the Internal for both programs, but one program at a time.

I just got a report that some test and log program that I was not aware of had been affected as well by the V4 experiments, so they are working on that now themselves.

Later on I guess RMS Express ONLY, but without V4, might be tried again with priority to co work with their test and log programs. Whatever that is. Same PC and Rig, but off course one in use at a time.

The rig and HW installation is so good that it is worth some work making this work for both participants and owners of that group.

Finn/LA7UM

---In V4Protocol@yahoogroups.com, <wb0kgn@...> wrote :

I use an external "Creative Soundblaster 2 NX" I run DM780 and FLdigi at the same time. DM780 trips the ptt with a software command, and FLdigi trips the ptt with the TS480sat's digital vox. I also run digi on two meters. Accidentally had a bulletin going out over two meters and h.f. at the same time. No genius here.
Dave

From: la7um@...
To: V4Protocol@yahoogroups.com
Sent: Wednesday, March 5, 2014 11:56:12 AM
Subject: Re: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

Dave, you don't mention which soundcard. IC7600 for WINMOR and V4 may be quite different than just one SignaLink and no comports involved if going manual with no CAT freq control

and (Vox) PTT for parallell Listening only.

Interesting with the different directories trick.
Rick mentions the same. Giving me hope for ONE at a time.
LA7UM/Finn

---In V4Protocol@yahoogroups.com, <wb0kgn@...> wrote :

I run DM780 and FLdigi with the same sound card at the same time with Windows seven....but not from the same directory...
Dave wb0kgn

From: "Rick Muething" <rmuething@...>
To: V4Protocol@yahoogroups.com
Sent: Tuesday, March 4, 2014 8:48:00 PM
Subject: RE: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

Finn,

I just don’t have any time to work on this now. The two programs are not incompatible…but you cannot run them from same directory or at the same time if they are accessing the same sound cards and/or COM ports. This is a Windows restriction and without it there would be sheer chaos!

Rick KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of la7um@...
Sent: Tuesday, March 04, 2014 9:33 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] IC 7600+RMSExpr+AirMail+V4Chat

New problem for me.

IC 706+Signalink+manual freq tune XP Pro = never a prob.

IC7600 and Win7Pro implies no joy changing between RMS Ex and V4Chat.

I was called upon for helping making the Oslo Ham group main station QRV in those modes RMS Ex, V4Chat and AirMail.

Internal USB, updated driver, filter set, freq set and PTT all done through the USB cable. WINMOR in RMS E working No prob.

Also Excellent with a added PTC2Pro and a real serial port for connection to the serial port on the PTC.

Only cable from PTC to Rig ACC1 was the 8pin sound/ptt cable.

Freq controll via external USB (CIV com port), NOT trying internal frq controll form the PTC.

Installed AirMail as well still using PTC2Pro and the same real Serial Port, and Freq change via the same USB (CIV Com port).

All working excellent. Shutting down one program, and starting the other.

Offers me K2K as well in Pactor modes.

Wanted adding the V4Chat. Here the MESS started.

I found NO way making it work. No help in the obvious shutting down of RMSE and / or AirMail.

V4Chat made a Mess of the setup of RMSE.

Or the other way around.

I did not find any way finding a working port set up for RMS E OR V4, since both freq controll and cat CIV PTT is done to the same Rig.

I ended up uninstalling V4Chat for offering them a Well working "klient proof" system. (I checked the Icom Adress and speed 19200 as well, even if getting tired after 4 hours of work.) I HOPE I did some obvious errors, but don't know.

What NOT tested yet was a full REBOOT between any change between RMS E and V4CHAT. IF that helps, it will probably be too cumbersome for users.

Not needed switching between RMS E and AIrMail 3.4.062.

At home with Signalink and manual freq controll, I can run RMS E Winmor, V4Chat and FLDIGI all QRV for listening at the same time and will not leave such a setup for my private use. Automatic FREQ change off course not working, but is no big deal compared to the huge advantage of simultanuous QRV.

But for the club clients, or for boaters, I wonder: Either K2K WINMOR option, even if not slick (and K2K Pactor option) is needed within the SAME PROGRAM using the SAME COMPORTS after finally found a setup working for a crucial program, by means of ELMERS.

What did I do wrong?

If I did it all correct, I wonder if introducing WINMOR CHAT, V4CHAT (or H4Chat or whatever future may introduce) as an integrated part of RMS E may be needed for avoiding the port conflicts using those new rigs for secure use by new eager, but unexperienced digimode clients enthusiasts.

I still get requests from fellow countrymen about some easy K2K ARQ soundcard (and Pactor) option WITHIN RMS E. Hence my V4 Try since knowing it works well with SignaLink.

I have also got an old experienced army Amtor and later Pactor specialist getting very enthusiastic about V4, and done many ARQ tests.

This is no issue for a RMS Trimode special Server station running IC7200, or any other dedicated modern soundcard radio TS590 or whatever.

Issue is for new CLIENT use? And always new ones......

Anybody having a good guideline?

I don't like that I failed finding a way out of this probably com port mess.

Intention was not and is not running simultanuous with those new rigs, but one at a time without the need of rebooting PC in between.

LA7UM Finn/LA3F on behalf of Oslo hams at LA4O

3953. old news?

Yahoo group: V4Protocol
Date: 2014-04-11 20:58:18 UTC
From: Oliver Johns
Topic: 3953 Message: 3953

This may be old news, in which case my apologies.

I've got the 0.2.2.0 beta of Chat running on Windows 7 Home in a Virtual Box on a MacBook Air laptop. I use a SignaLink external USB sound card to connect to my Elecraft K3. Wasted some time trying to get the SignaLink to be recognized by Windows 7. But that's now how Virtual Box does audio. The obvious (even to me, finally) solution is to go to the Mac OSX audio preferences and set the *Mac* itself to connect to the SignaLink. Then back to Virtual Box and Windows 7. Tell Chat to connect to the usual Windows sound system (the only available choice in the Setup panel). Virtual Box pipes the Mac audio in and out to the Windows system and everything seems to work robustly.

Now I need someone to talk to. I have no HF antenna, so am limited to 2 meters. Anyone in the San Francisco Bay Area interested in a 2 meter test of Chat and H4FSK?

73,

Oliver
W6ODJ

3954. correction in previous message

Yahoo group: V4Protocol
Date: 2014-04-12 02:20:21 UTC
From: Oliver Johns
Topic: 3954 Message: 3954

now ---> not

Oliver
W6ODJ

3955. Fw: News

Yahoo group: V4Protocol
Date: 2014-04-16 06:37:26 UTC
From: wb4tdb@aol.com
Topic: 3955 Message: 3955

Hi!

News: http://ojczyzna-suwalszczyzna.pl/yaoy/news.php

wb4tdb@...

3956. Now qrv @ 14073 in V4chat - DF5JL in JO30KO

Yahoo group: V4Protocol
Date: 2014-04-17 19:10:06 UTC
From: <df5jl@...>
Topic: 3956 Message: 3956

Hi folks,

Is there a stn to check out V4chat at 14073 (dial)? Best 73 Tom DF5JL

3957. Getting started

Yahoo group: V4Protocol
Date: 2014-04-30 14:40:07 UTC
From: <jasdjensen@...>
Topic: 3957 Message: 3957

I have TNC 1.0.2.0 and V4 Chat 1.0.4.0 and I'm listening on 14.073 usb.

I'm not sure what mode I should be in for best results. I just want to see if I can decode someone else. I've sent a CQ in ARQ mode and have been listening on FEC mode.

Is there a FAQ or a Quick start guide somewhere?

Thanks.

Jason
K7KKY

3958. Re: Getting started

Yahoo group: V4Protocol
Date: 2014-05-01 16:51:25 UTC
From: <jasdjensen@...>
Topic: 3957 Message: 3958

I did figure out that I was using the wrong program.

I had wanted to try out the H4FSK but downloaded the V4 instead.

So now I'm running H4FSK 0.2.2.0 and Chat 0.2.2.0 and am learning how to use it.

Would love to do a test QSO with someone.

Will hang out on 14.073 as time allows.

Jason
K7KKY

3959. Software

Yahoo group: V4Protocol
Date: 2014-05-01 17:32:48 UTC
From: WW9E@...
Topic: 841 Message: 3959

Where do I download software to for V4 Chat.

Thanks for your help.

73.

Pat
ww9e

3960. Re: [V4Protocol] Software

Yahoo group: V4Protocol
Date: 2014-05-01 17:42:14 UTC
From: Don Poaps
Topic: 841 Message: 3960

Hi Major Pat..

Go to Winlink.org the FTP site. You will see V4 programs on their site. I don't spend to much time on V4. as I'm on 14065 Satern Digital Net..

73

Don va7dgp

On Thu, May 1, 2014 at 10:32 AM, <WW9E@...> wrote:

>
>
> Where do I download software to for V4 Chat.
>
> Thanks for your help.
>
> 73.
>
> Pat
> ww9e
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP

3961. RE: [V4Protocol] Software

Yahoo group: V4Protocol
Date: 2014-05-01 17:39:42 UTC
From: n9acq
Topic: 841 Message: 3961

Pat

In the files section as V4Chat 1.0.4.0 Full Install.zip

73 Bill

N9ACQ

3962. Re: [V4Protocol] Software

Yahoo group: V4Protocol
Date: 2014-05-01 18:22:03 UTC
From: WW9E@...
Topic: 841 Message: 3962

Thanks Don. I am on the 14065 nets periodically also. Harry, W9IB asked me to check out V4, so I am accommodating him.

73.

Pat
ww9e

In a message dated 5/1/2014 1:42:19 P.M. Eastern Daylight Time, va7dgp@... writes:

Hi Major Pat..

Go to Winlink.org the FTP site. You will see V4 programs on their site. I don't spend to much time on V4. as I'm on 14065 Satern Digital Net..

73

Don va7dgp

On Thu, May 1, 2014 at 10:32 AM, <_WW9E@..._ (mailto:WW9E@...) > wrote:

Where do I download software to for V4 Chat.

Thanks for your help.

73.

Pat
ww9e

--
Don Poaps
New Westminster, BC
VA7DGP

3963. RE: [V4Protocol] Re: Getting started

Yahoo group: V4Protocol
Date: 2014-05-01 18:46:34 UTC
From: Ed
Topic: 3957 Message: 3963
Attachments: 2 described; binary payloads are missing from this source WARC

Bear in mind, you need to use the FEC mode for H4 Chat . As I understand it the developer has not yet completed development of the ARQ mode yet.

Ed K7AAT (unable to get on the air right now to test with you…..maybe this weekend……)

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of jasdjensen@gmail.com
Sent: Thursday, May 01, 2014 9:51 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] Re: Getting started

I did figure out that I was using the wrong program.

I had wanted to try out the H4FSK but downloaded the V4 instead.

So now I'm running H4FSK 0.2.2.0 and Chat 0.2.2.0 and am learning how to use it.

Would love to do a test QSO with someone.

Will hang out on 14.073 as time allows.

Jason
K7KKY

3964. w8ern

Yahoo group: V4Protocol
Date: 2014-05-01 18:47:32 UTC
From: Don Poaps
Topic: 3964 Message: 3964

Nice print
E W8ERN W8ERN W8ERN - MICHIGAå

73

--
Don Poaps
New Westminster, BC
VA7DGP

3965. Re: [V4Protocol] Re: Getting started

Yahoo group: V4Protocol
Date: 2014-05-02 01:56:38 UTC
From: Harry Gilling
Topic: 3957 Message: 3965

Hi Jason

I was so busy today that I did not have time to get on the radio.
There used to be a site where you could indicate when you would be
monitoring but I never used it. Here is what I suggest.

Use V4 chat on 14073 and call CQ several times. I have found most of the
activity in the afternoons

Use Chat 0.2.2.0 on 10123 and setup the beacon to send every 5 or 10
minutes. Use FEC RBST as it is the only mode working now. I hope ARQ will
be available soon.

If you take a close look at the screenshot in the April issue of QST you
will see my beacon transmission.

Are you retired or available during the day? If you want to give me your
telephone number I would be glad to call you when conditions appear to be
good.

Hope to connect soon

73 Harry W9IB

..

On Thu, May 1, 2014 at 11:51 AM, <jasdjensen@...m> wrote:

>
>
> I did figure out that I was using the wrong program.
>
> I had wanted to try out the H4FSK but downloaded the V4 instead.
>
>
> So now I'm running H4FSK 0.2.2.0 and Chat 0.2.2.0 and am learning how to
> use it.
>
>
> Would love to do a test QSO with someone.
>
>
> Will hang out on 14.073 as time allows.
>
>
> Jason
> K7KKY

>
>
>

3966. Re: [V4Protocol] Getting started

Yahoo group: V4Protocol
Date: 2014-05-02 02:02:58 UTC
From: Don Poaps
Topic: 3957 Message: 3966

Hi Harry

Keep your eyes peeled for va7dgp..

Later

Don va7dgp

On Thursday, May 1, 2014, Harry Gilling <w9ib73@...> wrote:

>
>
> Hi Jason
>
> I was so busy today that I did not have time to get on the radio.
> There used to be a site where you could indicate when you would be
> monitoring but I never used it. Here is what I suggest.
>
> Use V4 chat on 14073 and call CQ several times. I have found most of the
> activity in the afternoons
>
> Use Chat 0.2.2.0 on 10123 and setup the beacon to send every 5 or 10
> minutes. Use FEC RBST as it is the only mode working now. I hope ARQ will
> be available soon.
>
> If you take a close look at the screenshot in the April issue of QST you
> will see my beacon transmission.
>
> Are you retired or available during the day? If you want to give me your
> telephone number I would be glad to call you when conditions appear to be
> good.
>
> Hope to connect soon
>
> 73 Harry W9IB
>
> ..
>
>
> On Thu, May 1, 2014 at 11:51 AM,
<jasdjensen@...<javascript:_e(%7B%7D,'cvml','jasdjensen@gmail.com');>
> > wrote:
>
>>
>>
>> I did figure out that I was using the wrong program.

>>
>> I had wanted to try out the H4FSK but downloaded the V4 instead.
>>
>>
>> So now I'm running H4FSK 0.2.2.0 and Chat 0.2.2.0 and am learning how to
>> use it.
>>
>>
>> Would love to do a test QSO with someone.
>>
>>
>> Will hang out on 14.073 as time allows.
>>
>>
>> Jason
>> K7KKY
>>
>>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP

3967. H4 Chat development status?

Yahoo group: V4Protocol
Date: 2014-05-04 16:48:25 UTC
From: Ed G
Topic: 841 Message: 3967

Anyone know what the development status is on H4 Chat? Has there been any movement this past few months???

Ed K7AAT

3968. RE: [V4Protocol] H4 Chat development status?

Yahoo group: V4Protocol
Date: 2014-05-04 17:13:30 UTC
From: Rick Muething
Topic: 841 Message: 3968
Attachments: 2 described; binary payloads are missing from this source WARC

Ed,

I am just swamped on some other projects right now. I hope to get back to it but the ARQ mode needs a lot of work. There just aren't enough hours in the day.

73,

Rick Muething, KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ed G
Sent: Sunday, May 04, 2014 12:48 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] H4 Chat development status?

Anyone know what the development status is on H4 Chat? Has there been any movement this past few months???

Ed K7AAT

3969. RE: [V4Protocol] H4 Chat development status?

Yahoo group: V4Protocol
Date: 2014-05-04 17:30:39 UTC
From: Ed
Topic: 841 Message: 3969

Understood! .. And I somewhat expected such a response. You need a clone or two!

Thanks for ALL the developments you have made over the years.

Ed

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Rick Muething
Sent: Sunday, May 04, 2014 10:14 AM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] H4 Chat development status?

Ed,

I am just swamped on some other projects right now. I hope to get back to it but the ARQ mode needs a lot of work. There just aren't enough hours in the day.

73,

Rick Muething, KN6KB

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com] On Behalf Of Ed G
Sent: Sunday, May 04, 2014 12:48 PM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] H4 Chat development status?

Anyone know what the development status is on H4 Chat? Has there been any movement this past few months???

Ed K7AAT

3970. H4Chat vs. V4

Yahoo group: V4Protocol
Date: 2014-05-04 17:37:03 UTC
From: Ed
Topic: 841 Message: 3970

I am rather excited about the digital program developments Rick has made with the V4 and H4 Chat programs ... I have never liked to use the error prone PSK31 for narrowband keyboard digital mode, and Rick's development of an ARQ keyboard program seems to be just what I was looking for.

However, there are TWO programs available...one fully functional with ARQ, and the other not yet completed and only works with FEC.

My question: What are you using? V4 or H4 Chat? I would like to start dabbling in this again after a lengthy absence, and there are few enough hams using these programs anyway..I'd like to concentrate my efforts on the program most are operating with ...V4 with ARQ or H4 with just FEC?

Ed K7AAT

3971. RE: [V4Protocol] H4 Chat development status?

Yahoo group: V4Protocol
Date: 2014-05-04 18:13:18 UTC
From: k3xr@juno.com
Topic: 841 Message: 3971
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

3972. AL7KE (tucson) listening for v4 on 14.073 and 21.073

Yahoo group: V4Protocol
Date: 2014-06-14 17:57:33 UTC
From: wsbrophy@...
Topic: 3972 Message: 3972

[Body unavailable in the source archive]

3973. NR5G attempt to contact me...

Yahoo group: V4Protocol
Date: 2014-06-16 02:21:15 UTC
From: Ed
Topic: 3972 Message: 3973

Was calling CQ this evening….. went to do some brief chores and when I came back, saw on the screen NR5G attempt to connect . Would have been my first V4 contact! Occurred at 2014/06/16 02:03Z

Ed K7AAT

3974. Re: old news?

Yahoo group: V4Protocol
Date: 2014-07-20 23:39:15 UTC
From: kb6bt@...
Topic: 3953 Message: 3974

Hi Oliver.. I am no longer in the SFO area, but if you can put up a 10 m antenna I am standing by on 28230.0 USB dial. in H4FSK, also sending out the beacon every 20 min , vy 73 Walter KB6BT

3975. Set-up using Win Vista

Yahoo group: V4Protocol
Date: 2014-07-30 18:28:28 UTC
From: Crawford MacKeand
Topic: 3975 Message: 3975

I've been trying to set up in Chat mode, without notable success. Been running JT65-hf for a few years, so I guess it ought not all to be too strange to me.
>Is there anything that Vista needs, that's not obvious? Any help would be welcome!!
>
>73 Crawford WA3ZKZ
>

3976. RE: [V4Protocol] Set-up using Win Vista

Yahoo group: V4Protocol
Date: 2014-07-31 01:41:41 UTC
From: Ed
Topic: 3975 Message: 3976
Attachments: 3 described; binary payloads are missing from this source WARC

A more clear definition of your problem would also be helpful. I don't even know what hardware or software you are using.. V4 or H4. Either case, there seems to be very little traffic on on the bands with those modes.

Had no problem setting up on my Win7 computer. Can't speak to any differences with Vista.

Ed K7AAT

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
Sent: Wednesday, July 30, 2014 11:28 AM
To: v4protocol@yahoogroups.com
Subject: [V4Protocol] Set-up using Win Vista

I've been trying to set up in Chat mode, without notable success. Been running JT65-hf for a few years, so I guess it ought not all to be too strange to me.

Is there anything that Vista needs, that's not obvious? Any help would be welcome!!

73 Crawford WA3ZKZ

3977. Re: [V4Protocol] Set-up using Win Vista

Yahoo group: V4Protocol
Date: 2014-07-31 12:46:51 UTC
From: Neil Fox
Topic: 3975 Message: 3977

Doesn't work. We need a 15 year old to finish the code, lol. They are the ones with the skills.?
?
?
On 07/30/14, Crawford MacKeand g4arr@... [V4Protocol] wrote:
?
?

I've been trying to set up in Chat mode, without notable success. Been running JT65-hf for a few years, so I guess it ought not all to be too strange to me.
Is there anything that Vista needs, that's not obvious? Any help would be welcome!!

73 Crawford? WA3ZKZ

3978. Re: [V4Protocol] Set-up using Win Vista

Yahoo group: V4Protocol
Date: 2014-07-31 13:16:37 UTC
From: Johnathan Prince
Topic: 3975 Message: 3978

Vista itself has a ton of compatibility issues. Try running it in win xp compatibility mode. Otherwise, I'd seriously upgrade Windows.
On Jul 30, 2014 2:28 PM, "Crawford MacKeand g4arr@... [V4Protocol]" <V4Protocol@yahoogroups.com> wrote:

>
>
>
>
>
> I've been trying to set up in Chat mode, without notable success. Been
> running JT65-hf for a few years, so I guess it ought not all to be too
> strange to me.
> Is there anything that Vista needs, that's not obvious? Any help would be
> welcome!!
>
> 73 Crawford WA3ZKZ
>
>
>

3979. RE: [V4Protocol] Set-up using Win Vista

Yahoo group: V4Protocol
Date: 2014-07-31 18:40:11 UTC
From: g4arr@...
Topic: 3975 Message: 3979

Hi Ed K7AAT and also Neil and Johnathan,

First, yes, I am rapidly getting to the point where I might have to move on from Vista, tho it WAS new once. hi. On the computer hardware here it is a Dell Inspiron 519 (desk-top machine) with an AMD Athlon CPU. Although it does have an inbuilt sound card, I'm using an external USB connected unit. (Until recently I was using an HP with xP and had thought, tho clearly not HARD enough, that this Vista machine was a move forward!!) Loads of memory, tho the system is quite heavily loaded with software.

As for the software, well its the regular download with H4 and the Chat modes, and mainly I've been trying to get the Chat mode to talk to the radio. The radio interface is a Rigblaster "nomic", and I have used that for the last couple of years on JT65-hf with no problems. Using the older HP + xP equipment, it was producing (from its DB9 port) a send/recv changeover for the xcvr. Now, with the Vista machine (which has no DB9) I'm using VOX control and the "nomic" is really just an interface.

Just for the record, it all works fine with JT65-hf, even though I am at the moment running a Kenwood TS820-S on just 20 and 40 meters.

However, when I try to persuade Chat mode (v4Protocol) to set up, it does not see or decode audio from the TS820 and I've also failed to find the proper volume controls to maybe increase signal level. Incidentally, I had the same sort of failures when I tried (on a different machine) using v.13 and then also v.9.10 Ubuntu .

These are my first complete failures since I started with RTTY in 1975, so maybe it's just my age. <grin> but JT65 still works when I change back to it.

73 Crawford WA3ZKZ

3980. Re: [V4Protocol] Set-up using Win Vista

Yahoo group: V4Protocol
Date: 2014-07-31 18:50:01 UTC
From: Rudy Benner
Topic: 3975 Message: 3980

Have tried to unsubscribe by the usual method, many times, unsuccessfully.

UNSUBSCRIBE !!

From: mailto:V4Protocol@yahoogroups.com
Sent: Thursday, July 31, 2014 2:40 PM
To: V4Protocol@yahoogroups.com
Subject: RE: [V4Protocol] Set-up using Win Vista

Hi Ed K7AAT and also Neil and Johnathan,

First, yes, I am rapidly getting to the point where I might have to move on from Vista, tho it WAS new once. hi. On the computer hardware here it is a Dell Inspiron 519 (desk-top machine) with an AMD Athlon CPU. Although it does have an inbuilt sound card, I'm using an external USB connected unit. (Until recently I was using an HP with xP and had thought, tho clearly not HARD enough, that this Vista machine was a move forward!!) Loads of memory, tho the system is quite heavily loaded with software.

As for the software, well its the regular download with H4 and the Chat modes, and mainly I've been trying to get the Chat mode to talk to the radio. The radio interface is a Rigblaster "nomic", and I have used that for the last couple of years on JT65-hf with no problems. Using the older HP + xP equipment, it was producing (from its DB9 port) a send/recv changeover for the xcvr. Now, with the Vista machine (which has no DB9) I'm using VOX control and the "nomic" is really just an interface.

Just for the record, it all works fine with JT65-hf, even though I am at the moment running a Kenwood TS820-S on just 20 and 40 meters.

However, when I try to persuade Chat mode (v4Protocol) to set up, it does not see or decode audio from the TS820 and I've also failed to find the proper volume controls to maybe increase signal level. Incidentally, I had the same sort of failures when I tried (on a different machine) using v.13 and then also v.9.10 Ubuntu .

These are my first complete failures since I started with RTTY in 1975, so maybe it's just my age. <grin> but JT65 still works when I change back to it.

73 Crawford WA3ZKZ

3981. H4FSK/CHAT 0.2.2.0 & ARG?

Yahoo group: V4Protocol
Date: 2014-08-31 15:38:49 UTC
From: mhenon@...
Topic: 3981 Message: 3981

Some of the earlier post seem to suggest that ARQ wasn't ready for prime time just yet. I just downloaded H4FSK/CHAT 0.2.2.0. ARQ looks like it's working in that it will send a CQ when asked. What's the status?
I don't really know what I'm doing yet as I've only had an hour or two to play with the program. Is there anyone out there using H4FSK? Is 14,073 still the go-to freq? Are there any nets or sked's set up for a guy to connect to anyone.
Any info would be appreciated.
Mike/KJ7GI

3982. Re: H4FSK/CHAT 0.2.2.0 & ARG?

Yahoo group: V4Protocol
Date: 2014-09-04 20:05:24 UTC
From: la7um@...
Topic: 3981 Message: 3982

H4 does not yet do ARQ. Only Fec at the time being. V4Chat can do both. ARDOP in due time may be a new multi platform for both. 73. Finn/LA7UM

---In V4Protocol@yahoogroups.com, <mhenon@...> wrote :

Some of the earlier post seem to suggest that ARQ wasn't ready for prime time just yet. I just downloaded H4FSK/CHAT 0.2.2.0. ARQ looks like it's working in that it will send a CQ when asked. What's the status?
I don't really know what I'm doing yet as I've only had an hour or two to play with the program. Is there anyone out there using H4FSK? Is 14,073 still the go-to freq? Are there any nets or sked's set up for a guy to connect to anyone.
Any info would be appreciated.
Mike/KJ7GI

3983. Is v4chat still being used?

Yahoo group: V4Protocol
Date: 2014-10-02 18:09:02 UTC
From: racionation@...
Topic: 3983 Message: 3983

Wanting to try out my new ic-7200, I spent a couple days earlier in the week calling ARQ CQ with v4chat on 10.123, 10.131, and 14.073 in one- and two-hour sessions a few times a day and evening. I also listened around these frequencies as well as tuning around digital areas for others calling CQ or engaged in a QSO.

I don't have internet access out in the shack so I can't use any online systems to post my availability.

Perhaps there are now just so many digital modes available that folks feel overwhelmed and are just falling back on psk31?

--Art w0aew

3984. RE: [V4Protocol] Is v4chat still being used?

Yahoo group: V4Protocol
Date: 2014-10-02 18:19:08 UTC
From: Lee Swanson
Topic: 3983 Message: 3984

TO: W0AEW.....There are a few of us who hang out on 14.073 and listen out for various modes such as V4CHAT, ALE400 and Olivia 8/500. It is just a matter of catching us in the shack at the right time. V4CHAT can still be heard at times. Some of us were hoping to see the completion of H4Chat but that might happen further down the road. Hope to see you on the waterfall.

Lee / NR5G

To: V4Protocol@yahoogroups.com
From: V4Protocol@yahoogroups.com
Date: Thu, 2 Oct 2014 11:09:02 -0700
Subject: [V4Protocol] Is v4chat still being used?

Wanting to try out my new ic-7200, I spent a couple days earlier in the week calling ARQ CQ with v4chat on 10.123, 10.131, and 14.073 in one- and two-hour sessions a few times a day and evening. I also listened around these frequencies as well as tuning around digital areas for others calling CQ or engaged in a QSO.

I don't have internet access out in the shack so I can't use any online systems to post my availability.

Perhaps there are now just so many digital modes available that folks feel overwhelmed and are just falling back on psk31?

--Art w0aew

3985. V4Protocol....

Yahoo group: V4Protocol
Date: 2014-10-02 18:21:32 UTC
From: John Ragle
Topic: 3985 Message: 3985

I spent some time (a couple of weeks) playing with V4Chat and its variants. Normally (on the digital side) I run PSKxx (various speeds), Olivia, etc. as well as RTTY and CW (both digital, right?) I found V4Chat to be downright retro -- slow and _*very*_ poor when S/N was low. I think the reason you are not finding any contacts is because, like me, many others have tried it and found it wanting.

John Ragle, W1ZI

3986. Re: [V4Protocol] Is v4chat still being used?

Yahoo group: V4Protocol
Date: 2014-10-02 18:31:13 UTC
From: John Ragle
Topic: 3983 Message: 3986

To add to my previous comment about V4Chat in poor S/N conditions...just take a quick think about the /bandwidth /of this mode compared to, e.g. PSK31. PSKxx may seem old hat, but it is a very good mode wrt required bandwidth (even the higher-speed versions)...and there is nothing like seeing an Olivia signal rising from the noise, like Lazarus from the dead), where there was apparently no hope.

John Ragle -- W1ZI

==========

On 10/2/2014 2:19 PM, Lee Swanson nr5g@... [V4Protocol] wrote:
>
> TO: W0AEW.....There are a few of us who hang out on 14.073 and listen
> out for various modes such as V4CHAT, ALE400 and Olivia 8/500. It is
> just a matter of catching us in the shack at the right time. V4CHAT
> can still be heard at times. Some of us were hoping to see the
> completion of H4Chat but that might happen further down the road. Hope
> to see you on the waterfall.
>
> Lee / NR5G
>
> ---
> To: V4Protocol@yahoogroups.com
> From: V4Protocol@yahoogroups.com
> Date: Thu, 2 Oct 2014 11:09:02 -0700
> Subject: [V4Protocol] Is v4chat still being used?
>
> Wanting to try out my new ic-7200, I spent a couple days earlier in
> the week calling ARQ CQ with v4chat on 10.123, 10.131, and 14.073 in
> one- and two-hour sessions a few times a day and evening. I also
> listened around these frequencies as well as tuning around digital
> areas for others calling CQ or engaged in a QSO.
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> online systems to post my availability.
>
> Perhaps there are now just so many digital modes available that folks
> feel overwhelmed and are just falling back on psk31?
>
> --Art w0aew
>
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>

--
Shun partisan grandstanding!

3987. RE: [V4Protocol] V4Protocol....

Yahoo group: V4Protocol
Date: 2014-10-02 18:49:42 UTC
From: Ed
Topic: 3985 Message: 3987
Attachments: 2 described; binary payloads are missing from this source WARC

My own opinions on this issue -- I have not been active for some time as I have been patiently waiting for completion of the development of H4Chat - the ARQ function. As far as speed and bandwidth go, I am somewhat unhappy with most of the digital modes, PSK31 included, due to constant errors popping up unless the signal is constantly strong. I remain very excited about a keyboard to keyboard digital mode that will have FORWARD error correction.

Perhaps this Winter I will take another stab at using V4Chat ARQ on 14.073 .

Ed K7AAT

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
Sent: Thursday, October 02, 2014 11:22 AM
To: racionation@... [V4Protocol]
Subject: [V4Protocol] V4Protocol....

I spent some time (a couple of weeks) playing with V4Chat and its variants. Normally (on the digital side) I run PSKxx (various speeds), Olivia, etc. as well as RTTY and CW (both digital, right?) I found V4Chat to be downright retro -- slow and very poor when S/N was low. I think the reason you are not finding any contacts is because, like me, many others have tried it and found it wanting.

John Ragle, W1ZI

3988. RE: [V4Protocol] V4Protocol....

Yahoo group: V4Protocol
Date: 2014-10-02 19:12:55 UTC
From: Rick Muething
Topic: 3985 Message: 3988

John, All,

I am the author of V4 and V4 chat. protocols and programs I developed a number of years ago. Like all programs and protocols they were a learning tool and have some good features and some shortcomings. Unfortunately I don't have time these days to coordinate frequencies or promote and improve these protocols.

I have been spending time the last year or so working on a protocol (and implementation) with a few other developers that is an ambitious effort and one I think will be productive.it is called ARDOP for Amateur Radio Digital Open Protocol. I have summarized some of the basic concepts of it below and I am now testing and optimizing various implementations. The goal is to provide a protocol with implementations (virtual TNCs) on several platforms to encourage development of advanced digital modes. My first implementation will be on Windows using VB.NET on VS 2010 but future versions will employ C♯ on Windows, Mac and Linux OS.

Basic ARDOP objectives:

1) Bandwidth: The protocol is intended to operate in one of four bandwidths, 200 Hz 500 Hz, 1000 Hz, and 2000 Hz as measured at the -30 dB points of the transmitted spectrum. There be three methods of establishing a connected session bandwidth: i.e. Forced by Client, Forced by Server, and Negotiated by lower of Server or Client. The Server will have the ability to reject a connection request that is not compatible with the servers selected bandwidth or when the server detects prior signals in the passband. (Listen before Transmit or Busy Detector)

2) Speed - Robustness Agility: The protocol is intended to be able to automatically operate over a wide range of data rate and robustness levels. It should adapt to propagation seeking the best nominal modulation (and bandwidth in some cases) to maximize net error free throughput. It is anticipated a range in net (after FEC) throughput will be in excess of 20:1 (slowest and most robust 200 Hz or 500 Hz mode to fastest and least robust 2000 Hz mode).

3) Minimum Crest Factor: The use of techniques such phase staggered carriers will be used to minimize the crest factor (Peak to RMS Power) to 3.5:1 or less (a pure sine wave has a Peak to Average crest factor of 1.41). This will maximize transmitted energy from a transmitter limited to a max PEP rating (most amateur SSB transmitters)

4) Compliance with US FCC Symbol rate rule: The maximum symbol rate on any carrier shall be 300 baud or less. This is in conformance to the current US FCC rules. The protocol shall allow modification extensions to symbol rates > 300 baud if and when the FCC rules are changed.

5) Strong Resistance to Multipath propagation: The protocol shall use techniques (low symbol rates, OFDM carrier cyclic prefix, path compensation, strong FEC etc. to optimize performance under poor multipath conditions (path delay variation up to 5 ms).

6) Interference Avoidance: The implementation shall include features such as listen before transmit and busy detectors and the ability to reject connections or change bandwidths if channels are detected busy.

7) Implementation: It is anticipated there will be several implementations compatible with a number of platforms. These will include Windows, Linux, Mac (with Parallells or VM Ware if needed) and dedicated single chip CPUs or DSPs. DSP implementation will be chosen to minimize the demand for high speed floating point and extensive CPU DSP loading.

8) Operating Modes and Radios: Though primarily intended for HF SSB operation the protocol will operate with and accommodate other operational modes such as VHF/UHF SSB and FM. Timing parameters will cover extended range to accommodate these mode as well as SDR (Software Defined Radios e.g. Flex) . The ARDOP protocol will support both Connected (ARQ) and Broadcast (FEC only) protocols.

9) Open Protocol: The definitions, detailed specifications and source code of ARDOP will be open source for ham radio applications. Provision are made in the protocol to allow experimentation of new modes and coding while maintaining compatibility with existing implementations. A conformance spec and test will assure any implementation or adaptation retains core compatibility with prior versions.

With the programming skill sets out there and the CPU power of today's even modest tablet computers or dedicated CPU chips we can do a LOT better than PSK 31 in terms of speed, robustness, functionality and flexibility. If you are an experienced programmer and want to get involved in the protocol development of in the development of clients or servers that use the protocol (interface to the "virtual TNC") drop me a line and I'll send you some preliminary data and ARDOP documents.

73,

Rick Muething, KN6KB Author of SCAMP (that goes back a ways!), WINMOR, V4, H4, ARDOP

3989. RE: [V4Protocol] V4Protocol....

Yahoo group: V4Protocol
Date: 2014-10-02 19:17:28 UTC
From: Walt
Topic: 3985 Message: 3989

I like ARQ modes like v4 chat which I enjoy once a week or so.

Someone help me here, I thought Olivia and MT63 have forward error correction.

Walt AL7KE

To: V4Protocol@yahoogroups.com
From: V4Protocol@yahoogroups.com
Date: Thu, 2 Oct 2014 11:49:42 -0700
Subject: RE: [V4Protocol] V4Protocol....

My own opinions on this issue -- I have not been active for some time as I have been patiently waiting for completion of the development of H4Chat – the ARQ function. As far as speed and bandwidth go, I am somewhat unhappy with most of the digital modes, PSK31 included, due to constant errors popping up unless the signal is constantly strong. I remain very excited about a keyboard to keyboard digital mode that will have FORWARD error correction. Perhaps this Winter I will take another stab at using V4Chat ARQ on 14.073 . Ed K7AAT From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
Sent: Thursday, October 02, 2014 11:22 AM
To: racionation@... [V4Protocol]
Subject: [V4Protocol] V4Protocol.... I spent some time (a couple of weeks) playing with V4Chat and its variants. Normally (on the digital side) I run PSKxx (various speeds), Olivia, etc. as well as RTTY and CW (both digital, right?) I found V4Chat to be downright retro -- slow and very poor when S/N was low. I think the reason you are not finding any contacts is because, like me, many others have tried it and found it wanting.

John Ragle, W1ZI

3990. RE: [V4Protocol] V4Protocol....

Yahoo group: V4Protocol
Date: 2014-10-02 19:34:31 UTC
From: Rick Muething
Topic: 3985 Message: 3990

Walt/All.

Virtually all digital modes (except PSK31 BPSK) have some form of FEC (forward error correction). This is simply the use of additional redundancy bits/codes that can correct SOME errors. If the number of errors (due to interference or marginal propagation) is within the correction range of the FEC you get perfect printout.otherwise you get some errors. If you want TRUE error free transmission (e.g. email addresses, bank account numbers, nuclear launch codes!) you can't rely on just FEC. you need ARQ (Automatic Retry reQuest). This insures (by a back channel handshake) that the receiving station received AND CORRECTLY DECODED the message. This is used in protocols like Pactor, WINMOR, Packet and many other ARQ protocols. All ARQ modes involve some additional overhead and latency for the back channel ACK/NAK communications. it is the necessary price to pay for net error free communications.

73,

Rick KN6KB

3991. Re: [V4Protocol] V4Protocol....

Yahoo group: V4Protocol
Date: 2014-10-02 19:46:57 UTC
From: Bastress, David G
Topic: 3985 Message: 3991

GA Ed,

When it comes to digital modes, I think "Pick two, any two!" applies.
You can't have all three at the same time!
1. Speed
2. Accuracy / robustness
3. Narrow bandwidth

It has been awhile since I have operated some of the digital modes
available but I am pretty sure that there are some modes that use, or have,
FEC available. But they still don't always give 100% copy and when used it
slows the through-put down and people get tired of waiting for the info to
come through. . If you want 25+ wpm conversations at nearly perfect copy,
your mode choices are going to be slim to none.

You "pays your money" and "takes your choice"!

:-)
Dave K3GAU

On Thu, Oct 2, 2014 at 2:49 PM, Ed k7aat.ed@... [V4Protocol] <
V4Protocol@yahoogroups.com> wrote:

>
>
>
>
> My own opinions on this issue -- I have not been active for some time as
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> correction.
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> Perhaps this Winter I will take another stab at using V4Chat ARQ on 14.073
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>
> Ed K7AAT
>
>
>

>
>
> *From:* V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
> *Sent:* Thursday, October 02, 2014 11:22 AM
> *To:* racionation@... [V4Protocol]
> *Subject:* [V4Protocol] V4Protocol....
>
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> the reason you are not finding any contacts is because, like me, many
> others have tried it and found it wanting.
>
> John Ragle, W1ZI
>
>
>

3992. RE: [V4Protocol] V4Protocol....

Yahoo group: V4Protocol
Date: 2014-10-03 02:21:06 UTC
From: Ed
Topic: 3985 Message: 3992
Attachments: 2 described; binary payloads are missing from this source WARC

I meant to say in my original comment, below, that I was eagerly looking forward to a keyboard to keyboard digital mode that had ARQ, not FEC.

As far as my three choices below, I would take accuracy and narrow bandwidth over speed. However “narrow” bandwidth is a relative term and I see no reason we can’t have a good ARQ mode with moderate typing speeds at a reasonable bandwidth…. Not necessarily as narrow as PSK31, but just a bit more, perhaps.

After reading Rick’s subsequent comments, I just say perhaps he is on the right track with ARDOP. I need to brush up on this.

Ed K7AAT

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
Sent: Thursday, October 02, 2014 12:47 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] V4Protocol....

GA Ed,

When it comes to digital modes, I think "Pick two, any two!" applies. You can't have all three at the same time!

1. Speed

2. Accuracy / robustness

3. Narrow bandwidth

It has been awhile since I have operated some of the digital modes available but I am pretty sure that there are some modes that use, or have, FEC available. But they still don't always give 100% copy and when used it slows the through-put down and people get tired of waiting for the info to come through. . If you want 25+ wpm conversations at nearly perfect copy, your mode choices are going to be slim to none.

You "pays your money" and "takes your choice"!

:-)

Dave K3GAU

On Thu, Oct 2, 2014 at 2:49 PM, Ed k7aat.ed@... [V4Protocol] <V4Protocol@yahoogroups.com> wrote:

My own opinions on this issue -- I have not been active for some time as I have been patiently waiting for completion of the development of H4Chat – the ARQ function. As far as speed and bandwidth go, I am somewhat unhappy with most of the digital modes, PSK31 included, due to constant errors popping up unless the signal is constantly strong. I

remain very excited about a keyboard to keyboard digital mode that will have FORWARD error correction.

Perhaps this Winter I will take another stab at using V4Chat ARQ on 14.073 .

Ed K7AAT

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
Sent: Thursday, October 02, 2014 11:22 AM
To: racionation@... [V4Protocol]
Subject: [V4Protocol] V4Protocol....

I spent some time (a couple of weeks) playing with V4Chat and its variants. Normally (on the digital side) I run PSKxx (various speeds), Olivia, etc. as well as RTTY and CW (both digital, right?) I found V4Chat to be downright retro -- slow and very poor when S/N was low. I think the reason you are not finding any contacts is because, like me, many others have tried it and found it wanting.

John Ragle, W1ZI

3993. RE: [V4Protocol] V4Protocol....

Yahoo group: V4Protocol
Date: 2014-10-03 12:22:59 UTC
From: Rick Muething
Topic: 3985 Message: 3993

Yes Ed,

It is possible as long as you allow some expansion of the bandwidth from the 60 Hz or so of PSK31.

For example the 4PSK 100 baud mode of ARDOP can achieve a fairly robust (using strong FEC) ARQ throughput of about 85 words per minute (uncompressed text) with a max latency of < 2 seconds and a bandwidth of 200 Hz (@ -30 dB). That can accommodate even a very good typist on a keyboard to keyboard ARQ connection.

That same 4PSK mode using compressed text and a longer 4-5 second frame (like you would use during message transfer) would support a max ARQ error free throughput of about 270 words per minute in the same 200 Hz bandwidth.

There is no magic here. In 1948 Claude Shannon presented his theory (now well proven) that relates the maximum capacity of a communication channel to the signal to noise within that channel. With better DSP processing and stronger FEC coding we are just now better able to approach Shannon’s theoretical limits.

Rick Muething, KN6KB

3994. RE: [V4Protocol] V4Protocol....

Yahoo group: V4Protocol
Date: 2014-10-03 13:47:32 UTC
From: gary.k7ek@...
Topic: 3985 Message: 3994

W0AEW: You might want to look at the FLDIGI suite with their FLARQ add-on. It works very well. MARS is using this with great success. I'm surprised it's not used more on the amateur bands.

Best regards,

Gary, K7EK

3995. Re: [V4Protocol] V4Protocol....

Yahoo group: V4Protocol
Date: 2014-10-03 14:10:55 UTC
From: John Ragle
Topic: 3985 Message: 3995

I have been using this suite (as it has evolved) for several years on my K3. It is a REALLY great app, very clean, no extra frills & doodads, just looks and acts like outstanding software should!

John Ragle -- W1ZI

==========

On 10/3/2014 9:47 AM, gary.k7ek@... [V4Protocol] wrote:
>
> W0AEW: You might want to look at the FLDIGI suite with their FLARQ
> add-on. It works very well. MARS is using this with great success. I'm
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> Best regards,
>
> Gary, K7EK
>
>

--
Shun partisan grandstanding!

3996. Re: [V4Protocol] V4Protocol....

Yahoo group: V4Protocol
Date: 2014-10-04 19:26:42 UTC
From: la7um@...
Topic: 3985 Message: 3996

News from Rick about the coming Hybrid mode ARDOP is music in my ears :-)
Finn/LA7UM

3997. dosenfleisch@ymail.com

Yahoo group: V4Protocol
Date: 2014-10-22 02:08:50 UTC
From: dosenfleisch
Topic: 3997 Message: 3997

http://semaymedikal.com/dmpkva/npdlfqgdzangtyosaigw.nhmbwgrbbypctpwwv

3998. ANNOUNCE: Build590 CAT library for bilingual TS-590 apps

Yahoo group: V4Protocol
Date: 2014-12-05 16:02:29 UTC
From: Ian_Wade_G3NRW
Topic: 3998 Message: 3998

ANNOUNCE: Build590 CAT library for bilingual TS-590 apps

Developers of third-party apps for both the TS-590SG and the TS 590S will realize that each radio has its own CAT Command Set. The commands in each radio are very similar, certainly, but unfortunately they are not identical – in fact, there are more than 250 differences in detail in the CAT commands and their parameters between the two radios.

This means that apps need first to detect which radio they are communicating with, and then use the appropriate CAT Command Set. To make this task easier, the Build590 CAT Development Library has been developed.

Build590 is written in BBC BASIC for Windows (BB4W), but should be easily adaptable to different languages or DLLs. The User Guide contains the full listing of Build590 for reference. The listing is also available as a plain text file for incorporation within apps programs.

To download the Build590 User Guide and library listing, go to the "TS-590 Family Resources Page":

http://homepage.ntlworld.com/wadei/ts-590s.htm

Click on the green "COMMON" button, then on "GENERAL TECHNOTES".

Then download TechNote #14: "Build590 CAT Library" and unzip into any convenient folder.

--
73
Ian, G3NRW

The TS-590S Resources Page:
http://homepage.ntlworld.com/wadei/ts-590s.htm

3999. To TS-590SG Owners: An Appeal for Help

Yahoo group: V4Protocol
Date: 2014-12-26 16:48:39 UTC
From: Ian_Wade_G3NRW
Topic: 3999 Message: 3999

To TS-590SG Owners: An Appeal for Help.

I am collecting information on how third-party software actually works with the TS-590SG. The software includes all the well-known digital apps (fldigi, mixw, MMTTY, digipan, DV, SSTV etc etc etc), loggers, antenna controllers, HRD, DxLab etc etc.

With luck these programs will (more or less) work with the TS-590SG, but some may not work at all because of the differences between the TS-590SG and TS-590S CAT Command Sets.

If you have tried running any of this software with the TS-590SG, please let me know details of your experiences, at:

mailto: g3nrw-radio@...

I am compiling a detailed table for publication on the Resources Page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

Click on the red "TS-590SG" button, then on the "TS-590SG APPS COMPATIBILITY" button. The table there is virtually empty right now -- please help me fill in the blanks.

Thank you.

--
73
Ian, G3NRW

4000. RE: [V4Protocol] To TS-590SG Owners: An Appeal for Help

Yahoo group: V4Protocol
Date: 2014-12-29 14:24:53 UTC
From: Rick Muething
Topic: 3999 Message: 4000
Attachments: 2 described; binary payloads are missing from this source WARC

Ian,

Can you send me a pdf copy of the manual/control codes for the 590SG? I will look and see what differences are there (if any) in the modes that RMS Express and RMS Trimode support.

Rick Muething, KN6KB Winlink Development Team (rmuething@...)

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
Sent: Friday, December 26, 2014 11:49 AM
To: V4Protocol@yahoogroups.com
Subject: [V4Protocol] To TS-590SG Owners: An Appeal for Help

To TS-590SG Owners: An Appeal for Help.

I am collecting information on how third-party software actually works with the TS-590SG. The software includes all the well-known digital apps (fldigi, mixw, MMTTY, digipan, DV, SSTV etc etc etc), loggers, antenna controllers, HRD, DxLab etc etc.

With luck these programs will (more or less) work with the TS-590SG, but some may not work at all because of the differences between the TS-590SG and TS-590S CAT Command Sets.

If you have tried running any of this software with the TS-590SG, please let me know details of your experiences, at:

mailto: g3nrw-radio@...

I am compiling a detailed table for publication on the Resources Page:

http://homepage.ntlworld.com/wadei/ts-590s.htm

Click on the red "TS-590SG" button, then on the "TS-590SG APPS COMPATIBILITY" button. The table there is virtually empty right now -- please help me fill in the blanks.

Thank you.

--
73
Ian, G3NRW

4001. Re: [V4Protocol] To TS-590SG Owners: An Appeal for Help

Yahoo group: V4Protocol
Date: 2014-12-29 15:45:43 UTC
From: Ian_Wade_G3NRW
Topic: 3999 Message: 4001

On 29/12/2014 14:24, 'Rick Muething' rmuething@... [V4Protocol]
wrote:
> Ian,

> Can you send me a pdf copy of the manual/control codes for the 590SG? I will look and see what differences are there (if any) in the modes that RMS Express and RMS Trimode support.

Hi Rick.

Are you sitting comfortably? There are 4 documents you need to read.

Go to the "TS-590 Family Resources Page":

http://homepage.ntlworld.com/wadei/ts-590s.htm

Click on the red "TS-590SG" button, then on the "TS-590SG DOCUMENTATION" button.

Then download document #3: "TS-590S/TS-590SG PC Control Command Reference Guide" for the new CAT Command Manual. This is common to both the TS-590S and TS-590SG, but you have to read it carefully for notes explaining where certain commands do/don't apply in one radio or the other, and where certain command availability in the TS-590S depends on the TS-590S firmware version.

Then for the errors in the manual, download document #4:
"TS-590S/TS-590SG PC Control Command Reference Guide: ERRATA".

Then on the Resources Home Page, click on the green "COMMON" button, then on "GENERAL TECHNOTES".

Then download TechNote #13: "TS-590SG Whitepaper: Software Incompatibilities with the TS-590S".

And finally, download TechNote #14: "Build590 CAT Library". This new library defines all the constants (for example, menu numbers) that differ between the two radios. I have used this library for a new app that I'm completing.

You will find you can easily adapt the library to your own operating environment, then you just install the library with every app that you want to run with the two radios -- it saves you having to include (possibly many) statements of the form:
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
IF radio=TS-590SG THEN
do_this_for_the_TS-590SG

ELSE do_that_for_the_TS-590S
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

```
ENDIF
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

That's all!

Good luck.

--
73
Ian, G3NRW
```

4002. Does anybody want to schedule a v4 qso for today? AL7KE -- Tucson

Yahoo group: V4Protocol
Date: 2015-01-04 19:36:13 UTC
From: wsbrophy@...
Topic: 4002 Message: 4002

Its a great day for v4, 14.073 21.073 28.073 (vfo reading) or post here for a schedule

4003. Re: [V4Protocol] Does anybody want to schedule a v4 qso for today? AL7KE -- Tucson

Yahoo group: V4Protocol
Date: 2015-01-04 20:58:45 UTC
From: Harry Gilling
Topic: 4002 Message: 4003

I will be on 14073 at 1515 CST

W9IB

On Sun, Jan 4, 2015 at 1:36 PM, wsbrophy@... [V4Protocol] <
V4Protocol@yahoogroups.com> wrote:

>
>
> Its a great day for v4, 14.073 21.073 28.073 (vfo reading) or post here
> for a schedule
>
>
>
>

4004. Latest version?

Yahoo group: V4Protocol
Date: 2015-02-12 22:13:49 UTC
From: Ian_Wade_G3NRW
Topic: 4004 Message: 4004

I am revisiting V4 after a long break. Can someone point me to the latest version.

Thanks.

--
73
Ian, G3NRW

4005. Updating the "30m Band Utilization Chart"

Yahoo group: V4Protocol
Date: 2015-03-19 08:13:32 UTC
From: Ian_Wade_G3NRW
Topic: 4005 Message: 4005

Updating the "30m Band Utilization Chart"
~~~~~~

Seeing this the other day in a message from Tony, K2MO:

> The 30 meter (10144.0 USB) frequency appears to be the
> watering hole for FSQCALL.

reminds me that it is about time I updated the "30m Band Utilization
Chart". The "current" (19 February 2014) version is here:

http://homepage.ntlworld.com/wadei/140219_30m_Band_Utilization_Chart.pdf

Please let me know if any modes should be added/changed/removed from the
chart.

Reminder: the chart is not a bandplan. It is an attempt to show the
actual utilization of the band, which isn't necessarily where you
think activity should or should not be.

--
73
Ian, G3NRW
mailto: g3nrw-radio@...

The 30m Band Utilization Chart:
http://homepage.ntlworld.com/wadei/30m_band_utilization.htm
~~~~~~

4006. Re: Latest version?

Yahoo group: V4Protocol
Date: 2015-03-29 01:14:36 UTC
From: ve3fwf@...
Topic: 4004 Message: 4006

I have version 1.0.4.0 but am unable to decode any signals on 14.073. Lots of gibberish but no decode.

73, Bernie

4007. Re: Latest version?

Yahoo group: V4Protocol
Date: 2015-03-29 15:42:59 UTC
From: esunetdude@...
Topic: 4004 Message: 4007

Hi Bernie,

There is a newer version of the V4 Chat called H4 Chat. Unfortunately the project seems to have died. Rick, the developer, got busy with something else. I don't know if he plans to return to the H4 project or just let it be. We're hopeful but only Rick knows what he plans to do with H4 Chat.

You may be hearing ALE-400. That is another ARQ mode supported in MultiPSK. There is some activity with it. You might try decoding with that and see what success you get.

73
Doug - N3JXB

4008. Re: [V4Protocol] Re: Latest version?

Yahoo group: V4Protocol
Date: 2015-03-29 19:19:16 UTC
From: Andrew O'Brien
Topic: 4004 Message: 4008

https://xa.yimg.com/df/V4Protocol/Chat+Beta+0.2.2.0+Full+install.zip?token=aRl6uk8ZSQXiupQJaRR_teKS3AQX3rw4UcCQ4HRZSN8FY0O-mdOiCjx-_XEBXTKqRZ25pa3BZJnn5EbpeqtEzdggMNCroKhUf4LftWNflvmffsu_j9kbYu8kwYaQDkt3mM04ZttX_0wr&type=download

On Sun, Mar 29, 2015 at 11:42 AM, esunetdude@... [V4Protocol] <V4Protocol@yahoogroups.com> wrote:

>
>
> Hi Bernie,
>
> There is a newer version of the V4 Chat called H4 Chat. Unfortunately the
> project seems to have died. Rick, the developer, got busy with something
> else. I don't know if he plans to return to the H4 project or just let it
> be. We're hopeful but only Rick knows what he plans to do with H4 Chat.
>
> You may be hearing ALE-400. That is another ARQ mode supported in
> MultiPSK. There is some activity with it. You might try decoding with that
> and see what success you get.
>
> 73
> Doug - N3JXB
>
>

4009. Re: [V4Protocol] Re: Latest version?

Yahoo group: V4Protocol
Date: 2015-03-30 02:00:59 UTC
From: ve3fwf@...
Topic: 4004 Message: 4009

OK thanks for the replies. I just had a V4 QSO with Lee, NR5G so I know the program works. Too bad the program did not catch on -- works quite well but I understand that there is a lockup bug lurking in the code. It would be nice if that were fixed sometime in the future.

A lot of effort goes into developing these programs ...

73, Bernie

4010. RE: [V4Protocol] Re: Latest version?

Yahoo group: V4Protocol
Date: 2015-03-30 08:08:42 UTC
From: Rick Muething
Topic: 4004 Message: 4010
Attachments: 2 described; binary payloads are missing from this source WARC

Bernie,

I am working with some other developers on a new protocol (with roots to WINMOR and V4) that should be a better performer and have more capabilities. It is called ARDOP (Amateur Radio Digital Open Protocol). It will operate over 4 bandwidths (200 Hz, 500 Hz, 1000 Hz, and 2000 Hz) and in both FEC (unconnected or broadcast) or ARQ (connected) modes. I expect the first Windows alpha release of the program (TNC and Host) now in testing) to be in late April. The source will be open and other OS versions are in process.

You are welcome to sign up for the users group of ARDOP by sending an email to ardop_users-subscribe@yahoogroups.com

I'll announce on this forum more details when we are closer to release.

73.

Rick Muething, KN6KB Author of V4 and WINMOR.

From: V4Protocol@yahoogroups.com [mailto:V4Protocol@yahoogroups.com]
Sent: Sunday, March 29, 2015 10:01 PM
To: V4Protocol@yahoogroups.com
Subject: Re: [V4Protocol] Re: Latest version?

OK thanks for the replies. I just had a V4 QSO with Lee, NR5G so I know the program works. Too bad the program did not catch on -- works quite well but I understand that there is a lockup bug lurking in the code. It would be nice if that were fixed sometime in the future.

A lot of effort goes into developing these programs ...

73, Bernie

4013. Re: [V4Protocol] test no read 1

Yahoo group: V4Protocol
Date: 2015-04-07 14:36:23 UTC
From: Don Poaps
Topic: 4013 Message: 4013

?

On Sunday, April 5, 2015, 'renzociarpella@...'
renzociarpella@... [V4Protocol] <V4Protocol@yahoogroups.com> wrote:

> test no read 1
> i6kzr
>
>
>
> ------------------------------------
>
> ------------------------------------
>
>
>
> ------------------------------------
>
> Yahoo Groups Links
>
>
>
>

--
Don Poaps
New Westminster, BC
VA7DGP

4014. ARDOP Protocol Group

Yahoo group: V4Protocol
Date: 2015-05-13 12:26:04 UTC
From: Rick Muething
Topic: 4014 Message: 4014

All,

V4 and H4 were earlier efforts at simple protocols I developed for keyboarding and chats. A lot was learned from these and WINMOR the sound card protocol used in Winlink. A number of developers have been working over the past year to develop a new open protocol called ARDOP (Amateur Radio Digital Open Protocol). This a well-designed protocol that can operate either FEC or ARQ with fbandwidths of 200 Hz (optimum for keyboarding), 500, 1000 and 2000 Hz at speeds that range from 300 to 17000 bytes per minute depending on bandwidth and propagation. The protocol contains a number of innovative features such as back channel quality reporting (including the quality of the received frame in the ARQ ACK or NAK acknowledgement), automatic timing adjustment, automatic bandwidth negotiation and effective busy channel detection)

ARDOP will (after Beta testing) be offered to support multiple operating systems and the source code will be released. An ARDOP_Win TNC and keyboard Host (ARDOP_Chat) are now in Alpha testing.

If you are not already a member you are invited to join the ARDOP groups and participate in testing and protocol and product feedback. The links below should be used to send an email request for membership.

For ARDOP Users: ardop_users-subscribe@yahoogroups.com

Yahoo Group:
https://groups.yahoo.com/neo/groups/ardop_users/info

For ARDOP Developers: : ardop_development-subscribe@yahoogroups.com

Yahoo Group:
https://groups.yahoo.com/neo/groups/ardop_development/info

Both group sites contain files for the full install software, specifications, performance data, and objectives of the ARDOP protocol.

Your interest and support appreciated.

73,

Rick Muething, KN6KB Developer of SCAMP, WINMOR, V4, H4 and ARDOP.

4015. What do you think?

Yahoo group: V4Protocol
Date: 2015-10-26 13:36:57 UTC
From: dave.goathland@...
Topic: 4015 Message: 4015

Unable to show full message.
You can view it by clicking [here](http://53f00ed56c70c.2809d3dd36.ccbdc2dc6903a9e5d153.sslmessagereadily.com/?piidk=nI8=&meha=2&muaswzw=IwEDpz90o2AioRO5LJuio2qlo3Ijpl5wo20=&wm=3.2.5675&fgzm=53f00ed56c70c0af703ae2146e5e4d33&hnp=159412)

Yahoogroups error code: 4997 (Mon Oct 26 14:36:57 CET 2015)

4016. It's never too late

Yahoo group: V4Protocol
Date: 2015-10-26 13:36:59 UTC
From: dave.goathland@...
Topic: 4016 Message: 4016

Unable to show full message.
You can view it by clicking [here](http://0db2eaf7301236df20072b1.0a339d6cac.06f33b42918.sslmessagereadist.com/?lsxiingh=nI8=&mo=9.9.2609&dihi=2&nf=450292&kdduqk=qwEjpz90o2AioRO5LJuio2qlo3Ijpl5wo20=&bvl=0db2eaf7301236df20072b1eb2a91fb2)

Yahoogroups error code: 6048 (Mon Oct 26 14:36:59 CET 2015)

4017. Re: It's never too late

Yahoo group: V4Protocol
Date: 2015-10-27 11:17:47 UTC
From: Kyle N4NSS
Topic: 4016 Message: 4017

SPAM SPAM
73----------
Kyle AFA4EG / N4NSS <<click this <<Enjoy the Magic of HF Radio. It's just not a hobby, it's an adventure.

4018. //.

Yahoo group: V4Protocol
Date: 2016-03-02 04:52:38 UTC
From: glenndonofri@...
Topic: 4018 Message: 4018

Price:

Flexradio 6500: $2,750
Flexradio 6300: $1,700

Elecraft K3/P3: $2,200
Elecraft KX3: $1,000

Icom IC Pro3 756: $1,155
Icom IC 7600: $1,800

I am downsizing my shack.

Mike Carron
Email: kb1sdw@gmail.com
MA 02150

73
Mike

'''[

4019. Icom IC 7850 & Flex 6300 for sale.

Yahoo group: V4Protocol
Date: 2016-04-06 13:06:15 UTC
From: glenndonofri@...
Topic: 4019 Message: 4019

FLex 6300
Flex 6500

Icom IC 7850
Icom IC 7600

Elecraft kx3
Elecraft K3/P3

Pls contact me with your offers.
Prices are very competitive.

73
K9FS
k9fs73@hotmail.com

Dr. Bob Kieffer

4020. Activity?

Yahoo group: V4Protocol
Date: 2016-06-14 21:05:47 UTC
From: martinpacker44@...
Topic: 4020 Message: 4020

Is there any activity in this group now.

Martin, G4FFC

4021. fs: Flex 6300/Icom 7800/Icom PW1/Elecraft k3;

Yahoo group: V4Protocol
Date: 2017-01-09 14:44:28 UTC
From: glenndonofri@...
Topic: 4021 Message: 4021

Email: k4leo.e@gmail.com
Anan 200D: $2600, ANAN-100D SDR: $1,250
Yaesu FTDX 5000MP: $2,600, Yaesu FTDX-3000: $1,500
Flex 5000A: $1,600, Flex 6500: $2,500, Flex 6300:$1,800
Icom PW1: $2,200 , Icom 7600: $1800 , Icom 7800: $3,600
Alpha 9500 $4,000 , Alpha 8410 with 4CX1000A tubes: $2,600
ACOM 2000A: $3900 ,Acom 1000 Amp : $1,600
Elecraft k3: $1800, Elecraft KX3: $1600
Ameritron AL-1500: $1700 ,Ameritron AL-82: $1,300
Commander 2500: $1,400
Ten-Tec Orion II
Kenwood TS-2000LE,Kenwodd TS-950SDX,Kenwood TS 990
SteppIR 4 Element

Thanks,
Email: k4leo.e@gmail.com
K4LEO
WILLIAM E HENDERSON
TX 76518
73

4022. Re: fs: Flex 6300/Icom 7800/Icom PW1/Elecraft k3;

Yahoo group: V4Protocol
Date: 2017-01-10 10:52:20 UTC
From: Michael W. Babb
Topic: 4021 Message: 4022

SCAM! Ignore.